# **UnderStandingAmerica**Study

## UAS COMPREHENSIVE FILE DATA DESCRIPTION



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#### 1. INTRODUCTION

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

The UAS Comprehensive File (known simply as the Comprehensive File) comprises online survey data collected by CESR through its UAS internet panel: <a href="https://uasdata.usc.edu/index.php">https://uasdata.usc.edu/index.php</a>. The UAS is a nationally representative panel of American households randomly recruited from United States Postal Service delivery sequence files. UAS respondents are people age 18 and older who answer surveys, on average, once or twice monthly via an online interface that is technologically powerful yet friendly for the participants and quick to deliver results. The Comprehensive File includes most sections of the core Health and Retirement Study (HRS)<sup>1</sup> questionnaire, administered to respondents in the UAS every two years in a total of six consecutive surveys for each data collection wave. The Comprehensive File also contains data on ten topics from other core UAS surveys, most of which are repeated every two years. The Comprehensive File is updated regularly as new waves of data become available.

The HRS data in the current Comprehensive File are from the first four fieldings of the HRS instrument in the UAS, based on the 2014 (Wave 12), 2016 (Wave 13), 2018 (Wave 14), and 2020 (Wave 15) core HRS questionnaires. The harmonized variables are similar in both structure and naming conventions to what is found in the RAND HRS file data description produced by the RAND Corporation. This was done to promote familiarity with Comprehensive File data if users have worked with the RAND HRS data previously.

The Comprehensive File includes a wide array of measures from the HRS questionnaire: demographics, wealth assets, income, employment history, pensions, retirement, government benefits, family structure, and health-related matters, plus other relevant financial cognition and decision-making variables elicited in other core UAS surveys. These variables from other core UAS surveys are referred to in this document as "non-HRS data" and are organized into ten topic areas. The non-HRS variables retain their names from the UAS surveys in which they originated, but are preceded by a prefix denoting the topic area and wave as described in more detail later in this document.

In the current release of the Comphrensive File, non-HRS data from Waves 12 through 15 are included from surveys previously fielded or currently in the field. Future releases of the Comprehensive File will include harmonized data from additional waves of the HRS surveys and new data from non-HRS UAS surveys currently in the field.

<sup>&</sup>lt;sup>1</sup> The core HRS refers to the questionnaires and survey that correspond to the HRS administered by the University of Michigan.

Accompanying the Comprehensive File is the UAS Component File, which contains the component variables that are used to calculate several income and wealth summary variables in Waves 12 through 15 of the UAS HRS. For example, the Component File contains the individual amounts (e.g., income from wages, second job, tips, and/or professional practice) that together comprise the value of the Comprehensive File's summary item "total earnings." Both data files, and the Component File Data Description can be found <a href="here">here</a>. Beginning in June 2020, many of the My Household<sup>2</sup> survey demographic variables collected from each UAS survey (both UAS HRS and core non-HRS surveys), as well as UAS survey start and completion dates are included in the Component File for all observations in the Comprehensive File.

The Comprehensive File can be linked with any UAS survey not already included. How to perform that linkage is described later in this document. An updated listing of all available UAS data sets is available on the UAS All Surveys page.

Please send all questions about the data set or this data description to <u>uasl@mymaillists.usc.edu</u>.

<sup>&</sup>lt;sup>2</sup> The My Household survey is administered quarterly to all UAS respondents. It collects background information about the respondent and household, and asks about key demographic measures.

#### 2. OVERVIEW OF THE UAS COMPREHENSIVE FILE

#### What's New

- This version of the Comprehensive File contains new data from Wave 15 of the core non-HRS UAS survey about "Views and Knowledge about the Social Security Disability Program." Please click on the following topic letter to learn more about this newly added UAS survey: UAS 551 (Topic D).
- New data is included from respondents who completed a UAS survey associated with the Comprehensive File since the previous file was created. These surveys are listed in Table 1 and described in more detail in <u>Section 3.1</u> and <u>Section 3.2</u>.

## 2.1 UAS Input Files

The UAS Comprehensive File consists of survey responses from many different studies and UAS surveys. These include the UAS HRS, which is divided into six UAS surveys for each wave to limit respondent burden in each separate survey. The section letters in Table 1 (e.g., UAS 20 Sections A-D) refer to the HRS questionnaire's core sections.

The Comprehensive File also includes studies on ten topic areas, listed in Table 1 and described in more detail in <u>Section 3.2</u>. Each of the ten topics is denoted with a single letter, and together comprise what is termed core "non-HRS" data.

The My Household survey is administered quarterly to all respondents. To provide background information about the respondent and household, the survey asks about key demographics, including age, ethnicity, education, marital status, work status, state of residence, and family structure. For detailed information about how the Comprehensive File uses My Household demographic data, please see <u>Section 3.1.2</u> and <u>Section 3.2</u>.

Table 1 summarizes the core UAS studies that are included in the Comprehensive File.

Table 1. Core UAS Surveys in the Comprehensive File

| 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) |
|   | UAS 185 Sections A-D (Wave 14) |
|   | UAS 186 Sections E-H (Wave 14) |
|   | UAS 187 Sections J-M (Wave 14) |
|   | UAS 188 Sections N-P (Wave 14) |
|   | UAS 189 Sections Q-R (Wave 14) |
|   | UAS 190 Sections S-W (Wave 14) |
|   | UAS 396 Sections A-D (Wave 15) |
|   | UAS 397 Sections E-H (Wave 15) |
|   | UAS 398 Sections J-M (Wave 15) |
|   | UAS 399 Sections N-P (Wave 15) |
|   | UAS 400 Sections Q-R (Wave 15) |
|   | UAS 401 Sections S-W (Wave 15) |
| Topic P: Financial Literacy; Personality;           | UAS 1 (Wave 12),               |
| Understanding Probabilities; Numeracy               | UAS 121 (Wave 13)              |
|   | UAS 237 (Wave 14)              |
|   | UAS 458 (Wave 15)              |
| Topic W: Satisfaction with life domains; well-being | UAS 2 (Wave 12)                |
| yesterday; neighborhood quality; comparison of      | UAS 121 (Wave 13)              |
| incomes with others                                 | UAS 237 (Wave 14)              |
|   | UAS 458 (Wave 15)              |
| Topic K: What do people know about Social Security  | UAS 16 (Wave 12)               |
|   | UAS 94 (Wave 13)               |
|   | UAS 231 (Wave 14)              |
|   | UAS 457 (Wave 15)              |
| Topic F: Financial Services and Decision Making     | UAS 18 (Wave 12)               |
|   | UAS 119 (Wave 13)              |
|   | UAS 239 (Wave 14)              |
|   | UAS 460 (Wave 15)              |

| _ , .                     |
|---------------------------|
| UAS 26 & UAS 16 (Wave 12) |
| UAS 113 (Wave 13)         |
| UAS 238 (Wave 14)         |
| UAS 459 (Wave 15)         |
| UAS 38 (Wave 12)          |
| UAS 177 (Wave 13)         |
| UAS 413 (Wave 14)         |
| UAS 42 (Wave 12)          |
| UAS 83 (Wave 13)          |
| UAS 292 (Wave 14)         |
| UAS 483 (Wave 15)         |
| UAS 43 (Wave 12)          |
| UAS 84 (Wave 13)          |
| UAS 293 (Wave 14)         |
| UAS 484 (Wave 15)         |
| UAS 44 (Wave 12)          |
| UAS 85 (Wave 13)          |
| UAS 294 (Wave 14)         |
| UAS 485 (Wave 15)         |
| UAS 322 (Wave 14)         |
| UAS 551 (Wave 15)         |
| Taken quarterly           |
|                           |

Respondents are invited to the core surveys in the UAS comprehensive file in the following manner:

#### 1) Non-HRS Topics P, W, K, F, I, C, D:

- a. Respondents who complete a survey wave (before it closes): Prior to October 1, 2022 invites to each new wave were sent approximately two years after the previous wave was *completed*. From October 1, 2022 to the present, invites to each new wave are sent approximately two years after the date on which respondents were *invited* to the previous wave--contingent on them having completed the previous wave. To ensure that late respondents are not invited to the next wave soon after completion, a minimum time of one year between any two waves is enforced.
- b. Respondents who do not complete a survey wave (by the time the survey closes): Respondents are invited to the next wave if they are active UAS respondents, where "active" in this context is defined as the respondent having completed at least one survey in the last year.

#### 2) Non-HRS Topics N, V, A:

a. Respondents who complete a survey wave (before it closes): Prior to October 1, 2022 invites to each new wave were sent approximately two years after the

previous wave was *completed*. From October 1, 2022 to the present, invites to each new wave are sent approximately two years after the date on which respondents were *invited* to the previous wave--contingent on them having completed the previous wave. To ensure that late respondents are not invited to the next wave soon after completion, a minimum time of one year between any two waves is enforced.

- b. Respondents who do not complete a wave: The surveys in Topics N, V, and A never close. As such, respondents are not invited to a new wave until they have completed the preceding wave.
- 3) My Household: Respondents are invited to fill out the My Household survey every quarter. That is, once respondents have completed their My Household survey, they are invited to the survey again 3 months after completion.

#### 4) UAS HRS:

a. Respondents who complete a survey wave (before it closes): Prior to January 20, 2023 invites to each new wave were sent approximately two years after the previous wave was *completed*. Here completion is defined as having completed all six surveys in a UAS HRS wave (together covering HRS sections A to W). From January 20, 2023 to the present, invites to each new wave are sent approximately two years after the date on which respondents were *invited* to the previous wave-contingent on them having completed the previous wave.

From July 28, 2023 to the present, to ensure that late respondents are not invited to the next wave soon after completion, a minimum time of one year between the start of any two waves is enforced. As such, there is at least one year between completion of the first survey in an UAS HRS wave and the invitation to the first survey in the next UAS HRS wave.

Response data from the previously completed wave is preloaded into the new wave and used where relevant.

b. Respondents who do not complete a wave (by the time the survey closes):
Respondents are invited to the first survey of the next UAS HRS wave if they are
active UAS respondents, where "active" in this context is defined as the
respondent having completed at least one survey in the last year.

Response data from the previous incomplete wave is not preloaded into the new wave. Instead, the new wave is treated as a first-time interview if respondents have never completed an UAS HRS wave; or as a follow-up interview if respondents completed an UAS HRS wave prior to the incompleted wave.

## 2.2 Survey Participation Indicators

Not every panel member participated in all 12 studies (i.e., My Household, UAS HRS, and the ten non-HRS topics). Study participation is represented in the Comprehensive File with a set of participation indicator variables. A variable called *in\_all* is included to indicate whether a respondent participated in at least one wave of all 12 studies. In addition, several variables indicate whether a respondent participated in each of the available waves for each study. These are *inhrs12*, *inhrs13*, *inhrs14*, *and inhrs15* for the four waves of HRS data, and indicator variables representing participation in the available waves for the ten non-HRS topics. These non-HRS indicator variables have the naming structure:

#### in tWV

where *t* indexes the particular topic (e.g., *f* for Topic F: Financial Services and Decision Making), and *WV* is the wave number, 12 -15). The variable *inhrs12* indicates a respondent has completed at least the first (UAS 20) of the Wave 12 UAS HRS surveys. The other *inhrs* variables indicate whether a respondent has completed the first UAS HRS survey in the UAS HRS wave sequence, respectively.

In addition, variables indicating participation in at least 1 UAS survey in a wave are included in the Comprehensive File. These variables are named *inwaveWV*, where WV denotes the UAS wave number. Participation in a wave is determined by whether the respondent completed at least 1 UAS HRS survey in a wave, and/or at least 1 non-HRS UAS survey in a wave.

UAS survey-specific indicator variables also are present in the Comprehensive File. Each indicates whether a respondent has completed an individual UAS survey. For the UAS HRS, there are 24 such variables corresponding to the six Wave 12 UAS HRS surveys (UAS 20 through UAS 25), the six Wave 13 UAS HRS surveys (UAS 95 through UAS 100), the six Wave 14 UAS HRS surveys (UAS 185 through UAS 190), and the six Wave 15 UAS HRS surveys (UAS 396 through UAS 401). They have the naming structure:

#### inuasXX

where XX indicates the UAS survey number. Similar indicator variables exist in the file for each core non-HRS survey and the My Household survey. In the current version of the Comprehensive File, they are:

inuas1 inuas2 inuas16
inuas18 inuas26 inuas38
inuas42 inuas43 nuas44
inuas83 inuas84 inuas85
inuas94 inuas113 inuas119
inuas121 inuas177 inuas231
inuas237 inuas238 inuas239
inuas292 inuas293 inuas294

inuas322 inuas413 inuas457 inuas458 inuas459 inuas460 inuas483 inuas484 inuas485 inuas551 inmyhh

Since some surveys are still in the field, some response numbers have likely changed since the Comprehensive File's creation. All future releases of the Comprehensive File will include updated versions of all active UAS surveys.

## 2.3 UAS Comprehensive File Structure and Data Download Dates

The Comprehensive File is available for download in STATA or CSV format from the <u>UAS website</u>. The file is organized at the respondent-level. If you would like the data in a different format, such as SAS, please email your request to <u>uas-l@mymaillists.usc.edu</u>.

The fielding period for the first two waves (Wave 12 and Wave 13) of the UAS HRS surveys concluded in Fall 2020. As a result, the December 2020 Comprehensive File was the last version to include data updates from the first two UAS HRS waves (UAS surveys: UAS 20-25, UAS 95-100). The fielding period for the third wave of the UAS HRS surveys concluded in Summer 2022. Subsequently, the September 2022 Comprehensive File was the last version to include data updates from UAS HRS surveys UAS 185-190.

The fielding period has also concluded for all non-HRS topics fielded for Wave 12 and Wave 13, except the three cognitive measure topics (N, V, A) which do not close. The fielding period for Wave 14 non-HRS surveys UAS 231, 238, and 239 concluded in Summer 2022, and the fielding period for Wave 14 non-HRS survey UAS 237 concluded in Fall 2022. The Wave 14 non-HRS survey UAS 322 concluded its fielding period in Summer 2023.

Still in the field are the three cognitive measure topics (N, V, and A) for Wave 12 (UAS 42-44), Wave 13 (UAS 83-85), and Wave 14 (UAS292-294), Wave 15 of the UAS HRS, and several other Wave 14 and Wave 15 non-HRS topics.

UAS surveys from waves that are no longer in the field will only be downloaded and used in the creation of future Comprehensive Files on an as-needed basis, such as to correct for data anomalies or other rare occurences. Otherwise, the first download after a survey has concluded will be used.

Table 2 lists the most recent data download date for each UAS HRS and non-HRS UAS core survey included in the current release of the Comprehensive File.

Table 2. Download Date of UAS Files in the Current Comprehensive File (\* denotes the survey or surveys that are out of the field)

| UAS Survey   | Date of Last Download |
|--|-----------------------|
| UAS HRS Wave 12 (UAS 20-UAS 25)*                           | November 22, 2020     |
| UAS HRS Wave 13 (UAS 95-UAS 100)*                          | November 22, 2020     |
| UAS HRS Wave 14 (UAS 185-UAS 190)*                         | August 24, 2022       |
| UAS HRS Wave 15 (UAS 396-UAS 401)                          | August 21, 2023       |
| UAS non-HRS Wave 12 (UAS 1, 2, 16, 18, 26, 38)*            | November 22, 2020     |
| UAS non-HRS Wave 12 Cognitive Measures (UAS 42, 43, 44)    | August 21, 2023       |
| UAS non-HRS Wave 13 (94, 113, 119, 121)*                   | November 22, 2020     |
| UAS non-HRS Wave 13 (UAS 177)*                             | November 29, 2021     |
| UAS non-HRS Wave 13 Cognitive Measures (UAS 83, 84, 85)    | August 21, 2023       |
| UAS non-HRS Wave 14 (UAS 231, 238, 239)*                   | August 24, 2022       |
| UAS non-HRS Wave 14 (UAS 237)*                             | November 21, 2022     |
| UAS non-HRS Wave 14 (322*, 413)                            | August 21, 2023       |
| UAS non-HRS Wave 14 Cognitive Measures (UAS 292, 293, 294) | August 21, 2023       |
| UAS non-HRS Wave 15 (UAS 457, 458, 459, 460, 551)          | August 21, 2023       |
| UAS non-HRS Wave 15 Cognitive Measures (UAS 483, 484, 485) | August 21, 2023       |

## 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 <u>UAS All Surveys page</u>.

Before using the data, one first must obtain permission from the UAS by <u>registering on the UAS</u> <u>site</u> to download the public release files. Registering with UAS is considered agreeing to the "conditions of use" governing access and usage of the data.

## 2.5 Merging with other UAS Data Sets

Each UAS file is merged with other files using the unique person identifier variable, *uasid*. This variable, assigned to a respondent at recruitment into the UAS panel, stays fixed for each survey taken. For more information about default identification variables included in each survey, such as household identifier, *uashhid*, please visit the <u>UAS standard variables page</u>. Of those variables, only *uasid* and *uashhid* are included in the Comprehensive File. Please see the <u>UAS Component</u> File Data Description to learn which standard variables the Component File includes.

#### 3. UAS COMPREHENSIVE FILE DESCRIPTION

The Comprehensive File contains My Household survey demographic variables, harmonized UAS HRS variables, raw data from ten other core UAS studies, non-HRS derived variables, financial health scores, Elder Index<sup>TM</sup> quintiles, and sample weights.

My Household demographic variables are included in the file for Waves 12 through 15.

The construction of UAS HRS derived variables for Waves 12 through 15 has been completed and are included in the Comprehensive File. These derived variables are related to income and wealth, health, retirement, pensions, Social Security, employment history, health insurance, demographics, and family structure. Future releases of the Comprehensive File will include additional derived variables from surveys of upcoming UAS HRS waves.

Wave 12 through Wave 14 data are included for nine of the ten non-HRS studies. Topic D was initially fielded in Wave 14 and therefore will not have data for Waves 12-13. Wave 15 data is included for the nine non-HRS studies currently in the field.

#### 3.1 UAS HRS Survey Data

This release of the Comprehensive File contains harmonized variables from all six surveys that make up Wave 12, Wave 13, Wave 14, and Wave 15 respectively of the UAS HRS. The following is a description of the content of each UAS HRS survey, as well as examples of the harmonized variables derived from each survey.

UAS 20, UAS 95, UAS 185, UAS 396

- Content description: respondent background information, household information, marital history, health history, cognitive abilities
- Examples: veteran status, religion, number of times married/divorced/widowed, health as related to physical conditions such as diabetes and heart disease, cognitive abilities, self-rated memory

UAS 21, UAS 96, UAS 186, UAS 397

- Content description: family structure, physical limitations, housing-related assets, living arrangements
- Examples: value of primary residence, whether assistance needed to eat or manage money, family-related variables (such as the number of siblings and children the respondent has), number of people living in household, information about each parent (current age or age at death)

UAS 22, UAS 97, UAS 187, UAS 398

- Content description: job status, job history, pensions, retirement, Social Security
- Examples: whether respondent has any health-related work limitations, currently working for pay, longest employment tenure, number of pension plans respondents have at current job and pensions from which they currently receive income, retirement status, whether receiving any Social Security benefits

## UAS 23, UAS 98, UAS 188, UAS 399

- Content description: health insurance, healthcare usage, probabilities of events
- Examples: number of doctor visits, medical expenditures, nursing home stays, whether respondent has health insurance coverage, probability of certain work and life events occurring (such as working and living until a certain age)

## UAS 24, UAS 99, UAS 189, UAS 400

- Content description: Income and non-housing wealth assets
- Examples: income from wages, annuities, pensions, government programs for the respondent and spouse, value of non-housing wealth assets such as stocks, bonds, and IRAs

#### UAS 25, UAS 100, UAS 190, UAS 401

- Content description: Life insurance
- Example: whether the respondent has a life insurance policy

A complete list of all HRS-based variables included in the Comprehensive File can be found in the tables in <u>Appendix A</u>.

#### 3.1.1 Variable Naming Structure and Survey Indicator Variables

The naming structure for UAS HRS-derived variables in the Comprehensive File is consistent with the structure of the RAND HRS data file (Bugliari, D. et al., 2016).

The harmonized UAS HRS variables in the Comprehensive File begin with the letter "r" if the variable pertains to the respondent only, the letter "s" if the variable pertains to the respondent's answer about his or her spouse, and the letter "h" if the variable pertains to the respondent's household. The next two characters correspond to the wave number of the HRS version from which the UAS HRS questionnaire was derived.

For example, the second wave of harmonized UAS HRS variables has a "13" in the prefix, corresponding to core HRS Wave 13 (2016 HRS questionnaires); the variable *h13ahous* is the Wave 13 household-level variable pertaining to net value of primary residence.

In addition, there are the previously mentioned UAS HRS survey participation indicator variables (described in <u>Section 2.2</u>) that allow data users to know which, if any, of the UAS HRS surveys were taken by each respondent.

For each UAS HRS wave, there are two timestamp variables included in the Comprehensive File that pertain to the UAS HRS survey sequence in its entirety (up to 6 surveys per wave). These variables are *rWViwbeg*, which indicates the date when the respondent began the first survey in the UAS HRS sequence (for example: UAS 20 for Wave 12 and UAS 95 for Wave 13), and the variable *rWViwend*, which indicates the date of the most recently completed UAS HRS survey by each respondent (where *WV* indicates the UAS HRS wave number). If a respondent did not take any UAS HRS surveys in a wave, the *rWV* iwbeg and *rWV* iwend variables are assigned a special missing code to indicate such.

Starting in June 2020, survey begin and end timestamp variables for each UAS HRS survey, as well as for each core non-HRS survey, are included in the Comprehensive File. The naming convention of these survey-specific timestamp variables is similar to the UAS HRS-derived variables in the Comprehensive file except for one major difference. Each contains in their prefix an underscore followed by the letters "uas" and a numeric identifier that corresponds to the UAS survey from which they originated. For example, Table 3 shows the timestamp variables for each Wave 12 UAS HRS survey numbered 20 through 25, respectively:

| Table 3. Variable | e naming structure | e of UAS surve | y-specific timestamps* |
|-------------------|--------------------|----------------|------------------------|
|                   |                    |                | ,                      |

| UAS Survey<br>Number | Timestamp variable for survey start | Timestamp variable for survey completion |
|----------------------|-------------------------------------|--|
| 20                   | r12_uas20iwbeg                      | r12_uas20iwend                           |
| 21                   | r12_uas21iwbeg                      | r12_uas21iwend                           |
| 22                   | r12_uas22iwbeg                      | r12_uas22iwend                           |
| 23                   | r12_uas23iwbeg                      | r12_uas23iwend                           |
| 24                   | r12_uas24iwbeg                      | r12_uas24iwend                           |
| 25                   | r12_uas25iwbeg                      | r12_uas25iwend                           |

<sup>\*</sup> Table 3 shows timestamp variables only for Wave 12 UAS HRS surveys as an example

Begin and end timestamp variables for each core UAS survey in the Comprehensive File are also included in the Component File.

The full list of survey indicator and timestamp variables can be found in Table A.3 of Appendix A.

#### 3.1.2 UAS Demographic Variables

Many of the demographic variables in the Comprehensive File correspond to information from My Household survey responses. These variables are: respondent birth year, age at the beginning of the wave, age at the time of the last completed survey of the wave, race, Hispanic ethnicity, gender, marital status, and highest education level achieved. Beginning with the March

2018 Comprehensive File release, 11 more variables were added: whether the respondent was born in the United States, the country where the respondent was born if other than the US, whether the respondent is a first/second/third generation immigrant, whether a tablet was provided to the respondent for completing the surveys, whether the respondent is living with a partner, whether the respondent is a primary respondent or an added member, sample type, US state where the respondent was born, US state where the respondent is residing, and the number of other household members who are also UAS panel members.

Beginning with the March 2020 file, a US citizenship variable was added for each wave, and in the June 2020 file, a labor force status variable was added for each wave.

The information for these variables is extracted from the My Household surveys as follows: For individuals answering at least one UAS HRS survey in a wave, the information used corresponds to non-missing responses provided during the most recent My Household survey in that wave.

For example, if a respondent completed UAS HRS surveys 20, 21, and 22, demographic information is used from the My Household survey taken closest to completing UAS 22. If that information for a particular demographic variable is missing, then information from the My Household survey completed closest to UAS 21 is used; if necessary, then UAS 20. This is done because the HRS surveys are taken sequentially so the My Household survey completed nearest to UAS 22 would contain the most recent information. The exceptions are the variables *rWViwbeg* and *rWVagey\_b*, which take the values of the earliest survey completed in a wave.

For information about how demographic information is extracted from the My Household surveys for individuals who do not complete at least one UAS HRS survey in a wave, please see Section 3.2 Demographic Information.

#### HRS-Derived Demographic Variables

In addition, the Comprehensive File contains demographic variables for Wave 12 through Wave 15 that are derived from the UAS HRS surveys directly rather than from the most recent My Household survey. These include those relating to religion (*rarelig*), veteran status (*ravetrn*), and the highest level of education achieved by each of the respondent's parents (*rafeduc* and *rameduc*), all of which are not part of the My Household survey. Similarly, the marital history demographic variables are derived from UAS HRS surveys. These are (where *WV* represents the UAS HRS Wave number):

- The total number of times the respondent has been married (rWVmrct), as well as the number of times divorced (rWVmdiv) or widowed (rWVmwid) and the number of ended marriages where the respondent did not report what caused the marriage to end (rWVmend).
- Whether the respondent has never been married (*rWVmnev*).

• For respondents who have been married at least once, the length in years of the current marriage (*rWVmcurln*), the length in years of the longest marriage (*rWVmlen*), and the number of marriages for which the length is unknown (*rWVmlenm*).

A demographic variable with the prefix ra is indicates the value of the variable is generally constant over time, such as birth year (rabyear). If there are any changes to the value of this type of variable, then the value of the ra prefixed variable is updated. Demographic variables with the prefix rWV (where WV represents the UAS HRS wave number) indicate a larger probability that their values may change over time. Due to the wide range of UAS respondents' age (18 and older), the set of education variables, rWVeduc, are considered variables that may possibly change values over time (for example, the value of r13educ will be different from r12educ for respondents who gain education in between those two waves).

The full list of the demographic variables can be found in Table A.3 of Appendix A.

Survey-specific demographic variables (e.g., r12\_uas20mstat through r12\_uas25mstat) can be found in the Component File.

## 3.1.3 Income and Wealth Variables and Imputation

#### Household and Individual Level Variables

The Comprehensive File contains variables corresponding to a wide array of respondent and spousal income amounts, as well as housing and non-housing related wealth asset values. Most income-related variables are reported at the individual level, while all wealth variables are reported at the household level.

Income-related variables contain the values the respondent reported for the last calendar year of the date the survey was taken. For example, if the respondent completed the UAS HRS income survey at any time in 2019, the values given reflect the amount the respondent received for all 12 twelve months of 2018 (the last calendar year from 2019). Wealth-related variables reflect the asset values at the time the survey was taken.

Income and wealth variables included in the current Comprehensive File are from UAS HRS waves 12 through 15. Please see <u>Table A.1</u> in Appendix A for a full list of all wealth variables included in the Comprehensive File, and <u>Table A.2</u> for a full list of all income-related variables.

Unlike the core HRS survey, where there is at most one financial respondent per household, in the UAS HRS each respondent has the opportunity to be the financial respondent. Therefore, for households with more than one member participating in the UAS, it is possible for people to provide conflicting information about their household's assets and liabilities, and household members' income amounts. Currently, no information reconciliation process exists for handling households with multiple persons responding to a UAS survey. To compare answers of UAS respondents in the same household, users can examine records with the same *survhhid* for a particular survey. Detailed information about *survhhid* and other standard UAS identification

variables can be found in the <u>UAS standard variables page</u>. Included in the Component File are *survhhid* and other variables such as *uasmembers* (i.e., the number of other household members who are also UAS panel members).

## Checking/Savings Account Variables Discrepancy

Attention should be given to response differences between the RAND HRS data and the UAS HRS Wave 12 and Wave 14 data for the checking/savings account variables, *h12achck* and *h14achck*. In prior RAND HRS waves (Waves 10, 11, 12), about 23% of respondents reported not owning a checking or savings account, whereas for UAS UAS HRS Wave 12 data this rate was about 42%, and for the current UAS HRS Wave 14 data this rate is about 37%.

We investigated reasons for this discrepancy, and determined that the wording of the question was highly likely to be the main factor. We implemented a change in the UAS HRS Wave 13 survey that considerably reduced the percentage of respondents who reported not owning an account (19%). The wording was inadvertently changed back in Wave 14 to the Wave 12 structure and we observed the same discrepancy as we saw in Wave 12 (37% not owned in Wave 14).

Starting with the current Wave 15 survey and onward, we will only use the updated Wave 13 wording. Please use caution when using the Wave 12 and Wave 14 checking/savings account variables (h12achck, h12afchck, h14achck, h14afchck) and others using those amounts in their calculations, such as total wealth variables (hXatota, hXatotw, hXatoth, hXatotf, hXatotb, where X represents either Wave 12 or 14).

## Missing Data and Imputation

The UAS HRS follows the core HRS practice of using follow-up brackets in cases where respondents do not provide exact answers questions regarding income, wealth, and certain medical expenses. For example, if a respondent reports owning a house but does not report a value, the survey asks a follow-up question such as if the house is worth more, less, or equal to \$250,000. If the respondent says the value is less, then the survey then asks if the value is more, less, or equal to \$100,000. But if the respondent answered more than \$250,000, then asked is whether the value is more, less, or equal to \$500,000, etc. This is done for a pre-set range of bracket values dependent upon the income or wealth variable being asked. If the respondent answers the follow-up bracket questions until the narrowest pre-set range, it is referred to as a complete bracket. If the respondent does not answer until the final set of brackets, that is an incomplete bracket. If the respondent owns or receives an amount type, yet gives no amount or bracket range information, that is referred to as "no value/no bracket."

The UAS imputation process for income, wealth, and medical expense measures with missing data is simpler than what is followed by the RAND HRS. (Detailed information about the RAND HRS imputations is available in Section 3 of the RAND HRS Data Documentation.)

After an imputation is completed for a respondent's specific income amount, asset value, or medical expenditure, we "freeze" that imputation so future releases of the Comprehensive File have the same value for that amount. We do not re-impute the same case for the same income source, asset, or medical expenditure. We also review potential reported outlier values, correcting them when necessary. Please see <u>Section 3.1.4</u> for more information about the process for outlier corrections.

The income and wealth imputations performed for the Comprehensive File use sample probabilities and random number draws for income and assets that require "ownership/whether receive" imputations and bracket imputations, and use a hot deck draw for amount imputations. A forthcoming document will describe the imputation procedures in greater detail.

The values of the imputation flag variables in the Comprehensive File have the same meaning as the values in the RAND HRS data file. However, the Comprehensive File imputation flags have additional values corresponding to different types of outlier corrections (98 and 99). Tables 4 and 5 list the possible values for the two main types of imputed variables, component variables, and summary variables. Component variables are amounts that cannot be broken down further, such as wages/salary and the value of a respondent's home. Summary variables are comprised of component variables, such as total household income and total mortgage amount. Please refer to Section 3.1.4 for information about the additional imputation flag values.

Table 4. Imputation Flag Values for Component Variables

| Imputation Flag<br>Value | Value Description                                     | Imputation Needed             |
|--------------------------|---|-------------------------------|
| 0                        | Respondent not in the survey                          | None                          |
| 1                        | Continuous reported value                             | None                          |
| 2                        | Complete bracket                                      | Amount                        |
| 3                        | Incomplete bracket                                    | Bracket, Amount               |
| 5                        | No value/bracket                                      | Bracket, Amount               |
| 6                        | Does not own/receive                                  | None                          |
| 7                        | Don't know whether owns/receives                      | Ownership, Bracket,<br>Amount |
| 9                        | No financial respondent                               | Ownership, Bracket,<br>Amount |
| 98                       | Outlier: Reported monthly amount set to annual amount | None                          |
| 99                       | Outlier: Reported amount set to missing               | Bracket, Amount               |

Table 5. Imputation Flag Values for Summary Variables

| Imputation Flag<br>Value | Value Description            | Imputation Needed             |
|--------------------------|------------------------------|-------------------------------|
| 0                        | Respondent not in the survey | None                          |
| 1                        | No imputations               | None                          |
| 2                        | Some imputation              | Varies                        |
| 6                        | No asset/income              | None                          |
| 9                        | No financial respondent      | Ownership, Bracket,<br>Amount |

## 3.1.4 Outlier Identification and Correction

Starting with the February 2018 Comprehensive File release, identified during the file creation process were very large and possibly inaccurately reported values on income and wealth amounts, and amounts related to medical expenses. In December 2018, this process was extended to include employment history variables related to wage rate. The reason for identifying large outlier values was twofold:

- 1. A large or inaccurately reported value can strongly influence conclusions drawn from using that observation, as well as influence any summary variable taking the outlier amount into account.
- 2. During the imputation process, outlier values can serve as donors to other observations that would then inherit the large value, therefore exacerbating the issue of highly influential values with questionable reporting accuracy.

If reported values for specific income, wealth, medical expense, and wage rate variables exceed a certain threshold, they are flagged. Then, the UAS team evaluates the accuracy of each flagged case based upon many other reported values the respondent has provided. A determination is then made to:

- 1. Keep the reported value in the data as reported.
- 2. Set the reported value to missing and perform imputations necessary to determine a new value. (Income, wealth, and medical expense items only are imputed; wage rate values are simply set to missing and flagged as outliers.)
- 3. In the case of some income variables pertaining to monthly amounts, the reported monthly amount is set to the annual amount.

The exception to these steps is that wage rate cases set to missing are not imputed. Similar to the RAND HRS, only those respondents who are in the labor force and unemployed may receive a wage rate imputation value. For respondents who are employed and have a missing reported wage rate, the wage rate variable values remain missing.

To account for cases receiving an outlier correction, the Comprehensive File's existing imputation flag variables have been updated with a few new values. For income and wealth variables, a value of 99 indicates the reported amount was set to missing and then imputed to a new value. For income variables where a monthly reported amount was determined to likely be an annual amount, the imputation flag has a value of 98.

For health, two out-of-pocket medical expenditure variables (*r12oopmd* and *r12oopmdo*) are computed as sums of several medical expenditure components. If at least one of the components was determined to be an outlier and set to missing and then imputed, the corresponding imputation flag for that summary variable is set to 99.

For wage rate, if the reported wage amount was identified as an outlier and set to missing, the imputation summary flag variables *r12wgfwk* and *r12wgfhr* have a value of 99.

Before each new release of the Comprehensive File, the data is inspected for new potential outliers and processed according to the determination made for each case.

#### 3.1.5 Health Variables

Harmonized health-related variables are included in the file for Waves 12 through 15. They are reported at the individual respondent level. Unlike the RAND HRS, the Comprehensive File has no spousal health variables. This is because no health questions about a spouse/partner are asked in the HRS questionnaire, and the UAS HRS is administered only to respondents who are panel members.

Health variables found in the Comprehensive File cover a wide range of matters such as:

- Current health conditions (arthritis, diabetes, high blood pressure, etc.).
- Characteristics of the respondent (height, weight, BMI, mood, smokes or drinks).
- Information about doctor visits, medical expenses, and any nursing home care.
- Whether the respondent has difficulty performing physical tasks, such as bathing, walking, and eating.
- Cognitive skills, such as self-reported memory changes and ability to name the calendar date.

After the Wave 13 UAS HRS fielding period had concluded, an issue involving the 2016 core HRS Section G functional limitations questions was found by UAS staff. Due to an error in the 2016 core HRS Section G questionnaire, 3 questions were asked to only a subset (about 10-15%) of the UAS respondents who should have been asked these questions. The UAS HRS questions are:

G005: Because of a health problem do you have any difficulty with getting up from a chair after sitting for long periods?

G006: Because of a health problem do you have any difficulty with climbing several flights of stairs without resting?

G007: Because of a health problem do you have any difficulty with climbing one flight of stairs without resting?

As a result, several derived variables in the Comprensive File were affected. Please use caution when drawing conclusions from the following derived variables:

r13chair—difficulty getting up from chair r13clims—difficulty with climbing several flights of stairs r13clim1—difficulty with climbing 1 flight of stairs

This error did not exist in the 2014 core HRS section G questionnaire, therefore the equivalent UAS HRS Wave 12 variables were not affected. Waves after Wave 13 were also not affected.

A full list of the health variables included in the Comprehensive File are in <u>Table A.4</u> of Appendix A.

#### 3.1.6 Health Insurance Variables

The included harmonized health insurance variables for Waves 12 through 15 contain information on the existence and source of any coverage for each respondent. Similar to the health variables, the Comprehensive File has no spousal health insurance variables.

The topics of the health insurance variables include:

- Whether the respondent is covered by health insurance by his/her employer or a spouse's employer.
- Whether the respondent is covered by a government health insurance plan, such as Medicare, Medicaid, or the Veterans Administration.
- Whether the respondent is covered by health insurance after retirement.
- The number of health insurance plans the respondent has and who is covered by each plan (up to the first three plans).
- Whether the respondent has long-term care insurance and, if so, the type of care.
- Whether the respondent has life insurance.

A full list of the health insurance variables included in the Comprehensive File are in <u>Table A.5</u> of Appendix A.

## 3.1.7 Employment History Variables

Harmonized employment history variables are included in the file for Waves 12 through 15. These variables relate to employment at the time of the survey as well as to respondents' previous jobs.

#### These items include:

- Whether the respondent is currently working, retired, disabled, unemployed, or not in the labor force.
- For employed respondents, information is available pertaining to whether they work full time or part time, whether the respondent has a second job, hours worked per week, whether self-employed, whether the job is physically demanding or stressful, number of employees at the business, tenure at the job, whether the respondent is in a labor union, and the hourly and weekly wage paid to the respondent.
- Several variables relate to previous employment, such as the longest tenure at a previous job, the number of jobs that lasted five or more years, and for respondents who were not working at the time the of the survey, the month and year they were last working.
- Current occupation type and longest tenured job occupation type, if available. Any reported occupation code data is assigned to one of 23 occupation groups. These occupation groups are based on classifications in the 2010 U.S. Census.

The wage rate variables are reported in the Comprehensive File in nominal dollars. Wage rate variables are coded as missing for individuals who are out of the labor force or are employed but did not provide sufficient information to calculate an hourly or weekly wage. This includes those respondents who reported a value that was identified as incorrectly reported during the outlier process. If during the outlier process, it is suspected that the reported pay interval is incorrect but the wage amount is accurate, then the pay interval is changed and the case is flagged as an outlier (imputation flag value of 98). For example, if a respondent gives a wage amount of \$100,000 earned weekly, but 3 previous waves of data indicate a reported annual salary of \$100,000, then the pay interval is changed from weekly to annually.

For respondents who are unemployed but in the labor force, wages are computed from the most recent job (if wage information was reported for that job). If this information is from a different year, the amount is adjusted to the current survey year using the Consumer Price Index.

If previous wage information is not available for those who are unemployed but in the labor force, wage is imputed using a regression model with several key demographic predictors. The imputation summary variables for hourly and weekly wage, r12wgfhr and r12wgfwk (using Wave 12 as an example), represent the situation related to wages for each respondent. Table 6 displays the values and their meanings for the wage summary variables.

Table 6. Imputation Flag Values for Summary Variables for Hourly and Weekly Wage

| Imputation Flag<br>Value | Value Description   | Imputation Needed                    |
|--------------------------|---|--------------------------------------|
| 1                        | Not unemployed, wage not missing  | No                                   |
| 2                        | Unemployed, in labor force, previous job wage information present                                 | Yes (from previous job, adjusted)    |
| 3                        | Unemployed, in labor force, no previous job wage information                                      | Yes (predicted wage from regression) |
| 6                        | No labor force information, no wage information   | No                                   |
| 8                        | Not in labor force, no wage information   | No                                   |
| 9                        | In labor force, not unemployed, wage information missing  | No                                   |
| 98                       | Outlier: Reported wage amount pay interval set to a different interval (e.g., weekly to annually) | No                                   |
| 99                       | Outlier: Reported wage amount set to missing  | No                                   |

Note: These are the possible values for the wage summary variables rWVwgfhr and rWVwgfwk where WV represents all available waves of data.

A full list of the Employment History variables included in the Comprehensive File is provided in Table A.6 of Appendix A.

#### 3.1.8 Retirement Variables

The harmonized retirement variables are included for Waves 12 through 15. They relate to respondents who have completely retired and those who have not. Some variables are specific to each group, while others are asked of all respondents.

For respondents who have completely retired, the Comprehensive File contains information on:

- Satisfaction with retirement
- How retirement life compares to life before retirement
- The month and year of retirement

For respondents who are not completely retired (either partially retired or not at all), the following information is included:

- If working, what year the respondent plans to stop working
- Self-reported probability of how likely it is the respondent will be working at ages 62 and 65. Due to a misinterpretation of the HRS questionnaire that affected the UAS HRS online survey, these variables, *r12work62* and *r12work65*, have missing values for respondents who were working at the time of the interview. This issue has been corrected so that new instances of non-retired respondents taking the UAS HRS surveys will have the opportunity to respond to these questions. Please use caution when drawing conclusions

from variables r12work62 and r12work65. This issue does not affect the corresponding  $rWVwork62^3$  and rWVwork65 variables from subsequent waves.

Other items included regardless of retirement status are: financial planning horizon length; the probability the respondent will leave behind a bequest; the probability the respondent will move to a nursing home in the next five years (only asked if the respondent's age is 66 or older); and the probability the respondent will live to 75 years old (only asked if respondent is younger than 66 years old).

A full list of the retirement variables included in the Comprehensive File are in <u>Table A.7</u> of Appendix A.

#### 3.1.9 Pension Variables

Harmonized pension variables are included in the file for Waves 12 through 15. These variables are available for respondents who are currently employed (at the time of the respective survey) and have at least one pension plan at that job (Wave 12 variable *r12jcpen*), and/or those currently receiving income from at least one pension (Wave 12 variable *r12peninc*).

For those who are currently employed and have at least one pension plan at that job, the Comprehensive File includes information pertaining to the number of plans as well as the type, employer contribution, respondent contribution, and current pension account balance for a respondent's plans (up to a maximum of four). More specifically, variables related to pension plans at the respondent's current employment include (using Wave 12 variables as an example):

- Whether each owned pension plan is a Defined Benefit (DB) plan, a Defined Contribution (DC) plan, or both (r12ptyp1-4).
- For each owned pension plan, the detailed pension plan account type for each owned pension plan. For example, 401(k), 403(b), employee stock ownership, 457 plan, defined benefit plan, and thrift savings plans to name a few (variables *r12ptypd1-4*).
- For each owned pension plan, whether the reported general plan type matches to the reported detailed pension plan. These variables are meant as a consistency check on how well respondents categorize their existing plans (r12ptypf1-4).
- For respondents reporting a pension plan with a defined contribution, the following information is included: the percentage of the respondent's pay contributed by the employer (r12dcpct1-4), the annual amount the respondent contributes (r12dccont1-4), the employer's annual contribution (r12dcbene1-4), and the current balance of each DC plan (r12dcbal1-4).

Respondents currently receiving pension income are asked from how many pensions they receive this income ( $r12peni\ n$ ) and what happens to the pension income after the respondent's

<sup>&</sup>lt;sup>3</sup> Where WV represents the UAS HRS wave number 13 through the current wave.

death (*r12penic1-2*) for up to two pensions. Possible responses are the pension payments stop, they remain unchanged, or they continue but at a reduced level.

A full list of the pension variables included in the Comprehensive File are in <u>Table A.8</u> of Appendix A.

## 3.1.10 Family Structure Variables

The harmonized family structure variables relate to characteristics of the respondent's immediate family. The current Comprehensive File contains family structure variables for UAS HRS Waves 12 through 15. These variables include (where *WV* represents the UAS HRS Wave number):

- The number of people living in the household, including the respondent and spouse/partner, if present (hWVhhres).
- The number of living brothers (*rWVlivbro*) and sisters (*rWVlivsis*) the respondent has, as well as the total number of living siblings (*rWVlivsib*).
- Whether each of the respondent's parents are alive (*rWVdadliv*, *rWVmomliv*) and the total number of living parents (*rWVlivpar*), as well as the age of each parent (or age at death) at the time of the survey (*rWVdadage*, *rWVmomage*). Also included are variables pertaining to the highest level of education the respondent's parents have achieved (*rafeduc*, *rameduc*).
- The number of children ever born to the respondent (*raevbrn*). Also included is the total number of living children, including step-children, of both the respondent and the respondent's spouse/partner—that is, a sum of all of the respondent's children (biological, adopted, and step) plus all of the spouse/partner's children (biological, adopted, and step) (*hWVchild*).

A full of list of the family structure variables included in the Comprehensive File are in <u>Table A.9</u> of Appendix A.

## 3.1.11 Social Security Variables

The harmonized Social Security variables provide details about each respondent's previous and current utilization of both the Social Security Disability (SSDI) program and the Supplemental Security Income (SSI) program for UAS HRS Waves 12 through 15.

### **Episode Variables**

Many of the variables in this section pertain to what is termed an "episode," which refers to respondent information in a given UAS HRS wave about the utilization or application status of either SSDI or SSI, respectively. Therefore, there can be information provided for up to two episodes of Social Security benefits use per wave–one for SSDI and one for SSI.

SSDI and SSI program utilization is currently included in the Comprehensive File for Waves 12 through 15. As a result, there can be anywhere from zero to a maximum of eight episodes per respondent in the current Comprehensive File. Every subsequent wave captures any changes in use or application status of each program. These episode-level variables, each with a suffix representing the episode number, include:

- The program, SSDI or SSI, that is the focus of each episode (ratype1-8)<sup>4</sup>
- The status of each episode (*radstat1-8*). Examples of status include: receiving benefits, stopped receiving benefits, applied, decision appealed, application rejected.
- The date (*radappd1-8*), month (*radappm1-8*), and year (*radappy1-8*) the respondent applied for SSDI or SSI.
- The date (radendd1-8), month (radendm1-8), and year (radendy1-8) SSDI or SSI payments ended
- The date (*radread1-8*), month (*radream1-8*), and year (*radreay1-8*) the respondent re-applied or appealed for SSDI or SSI.
- The date (*radrecd1-8*), month (*radrecm1-8*), and year (*radrecy1-8*) the respondent first received an SSDI or SSI payment.

## Other Social Security Variables

In addition to episode-level variables, the Social Security variables contain information about the total number of SSDI/SSI episodes for each respondent (*radnepi*), and whether the respondent (*rassrecv*) or the respondent's spouse (*sassrecv*) has ever received Social Security benefits from any source (SSDI, SSI, or Social Security retirement). There are also wave-specific variables pertaining to the status of any requested benefits from the SSDI and/or SSI programs (*rWVdstat*<sup>5</sup>), and for respondents that are receiving benefits, the amount received from SSDI last month (*rWVdssamt*) and from SSI last month (*rWVdsiamt*) are included.

A full list of the Social Security variables included in the Comprehensive File are in <u>Table A.10</u> of Appendix A.

#### 3.2 Non-HRS UAS Survey Data

For the convenience of research and investigative purposes, the Comprehensive File contains data from other core UAS surveys integrated with UAS HRS data. This data is referred to as non-HRS data.

<sup>&</sup>lt;sup>4</sup> In the current version of the Comprehensive File, eight is the maximum number of reported instances of SSDI/SSI utilization.

<sup>&</sup>lt;sup>5</sup> Where WV represents the UAS HRS wave number.

The names and labels for variables in these non-HRS studies are modified, but otherwise this non-HRS data should be considered raw data. Variable labels are modified to indicate topic, wave, and UAS survey number to improve clarity, conciseness, and informativeness. The variables names are also altered to indicate topic and wave, as well as to mark any cross-wave changes in question design. The first letter in each non-HRS variable name denotes the particular topic, while the next two numbers reference the wave. To maintain consistency with the naming structure used for the UAS HRS variables (described in <u>Section 3.1.1</u>) the number *12* is used to reference the first wave of non-HRS surveys, *13* for the second wave of non-HRS surveys, etc. This variable naming structure is described below in more detail.

To view the UAS codebook for each non-HRS topic in the Comprehensive File, with background information about each survey, survey response statistics, and a paper version of the questionnaire, please open the <u>UAS All Surveys page</u>. Then choose the UAS survey associated with the topic in which you are interested (e.g., UAS 1 for Wave 12 of Topic P) and select "Survey codebook" under the Metadata heading.

#### Demographic Information

Some of the demographic information in the Comprehensive File is taken from the My Household survey<sup>6</sup>. The My Household survey is administered quarterly and so it is potentially taken multiple times by respondents during a given wave period.

When possible, each wave's My Household demographic variables are derived from the My Household Survey taken closest in time to that wave's most recently completed UAS HRS survey (e.g., UAS 20-25 for Wave 12). However, for respondents who have not participated in any of a given wave's UAS HRS surveys, the values of My Household demographic variables are derived from the My Household survey taken closest in time to the most recently completed non-HRS survey in a given wave.

As an example, assume a respondent did not complete any Wave 12 UAS HRS surveys, but did complete several of the Wave 12 non-HRS surveys. Also assume that this respondent completed only UAS 1, UAS 2, and UAS 16 out of the Wave 12 non-HRS surveys, and took them in the following order: UAS 16, UAS 1, UAS 2. Here, UAS 2 is the most recently completed non-HRS survey, and so My Household demographic information is used nearest in time to that survey. If demographic information is missing from the My Household survey closest in time to UAS 2, then non-missing My Household survey information nearest to UAS 1 is used, since it was the next most recently completed survey. This is a similar process to what is used for deriving My Household UAS HRS demographic variables, with the difference being that the order in which the non-HRS surveys were completed is not assumed to sequentially follow UAS number (i.e., it is

<sup>&</sup>lt;sup>6</sup> These are demographic variables derived from My Household survey data, as opposed to demographic variables that originate from the UAS HRS survey data.

not assumed that a respondent completed UAS 16 after UAS 2 simply because 16 comes after 2 sequentially).

Beginning with the March 2020 Comprehensive File, this process of assigning values to demographic variables associated with respondents who completed only non-HRS surveys in a wave was extended to the age variables (*rWVagey\_b* and *rWVagey\_e*). The variable *rWVagey\_b* represents the respondent age when the first survey of a wave was completed. The variable *rWVagey\_e* represents the age of the respondent when he/she last completed a survey of a wave.

Unlike respondents who completed an HRS survey in a wave, for respondents who only completed non-HRS surveys in a wave, the UAS survey completed first and the survey that was completed last in a wave can differ from respondent to respondent.

A number of demographic variables (such as religion and veteran status) are not derived from My Household, but instead from UAS HRS surveys. These HRS-based demographic variables only have values if the respondent completes the pertinent UAS HRS survey (e.g., UAS 20 for religion and veteran status).

## **Cross-Wave Variable Naming Structure**

In general, non-HRS variable names in the Comprehensive File are based on the names used in the raw UAS surveys, with the only difference being the addition of a topic and wave prefix (e.g., "p12"). In this way, when the same question is asked across multiple waves, the only change in the variable name is the wave portion of this prefix. For example, item q8 from the Topic K "What do People Know" survey is asked first in UAS 16 (Wave 12), and then asked again with no change in question text or answer choices in UAS 94 (Wave 13). In the Comprehensive File, Wave 12 for this item is found in the variable k12q8, where "k" indicates Topic K and "12" represents the wave number assigned to first wave surveys. Wave 13 for this item is found in the variable k13q8, where "k" indicates Topic K and "13" represents the wave number assigned to second wave surveys.

This naming convention covers most survey items. However, between waves sometimes there were changes in the question text or answer choices or both. Five naming conventions mark these cross-wave changes.

Sometimes, question items are completely new in the most recent wave but share a variable name with a question item from a previous wave. This includes instances where question content was changed so significantly that the item now measures a different construct. For these cases, the change in construct is marked by adding the word "new" plus the wave number in which the content change occurred (e.g., "13") to the prefix. An example is the Topic K item q6b found in the UAS 16 (Wave 12) and UAS 94 (Wave 13). These variables, though they have the same name, result from entirely different questions. Thus, they are given the following variable names in the Comprehensive File:

o Wave 12: *k12q6b* 

o Wave 13: *k13new13q6b* 

Four other changes pertain to when the question item does NOT measure a completely different construct, but there was still a substantial cross-wave change in either in question text, response options, or both.

• When there is a cross-wave change in only response options, but question text is unchanged, this is marked by adding the suffix "\_ans" plus the wave when the change in response options occurred (e.g., "13") to the variable name. An example is the Topic K item q7b, which is found in UAS 16 (Wave 12) and UAS 94 (Wave 13):

o Wave 12: *k12q7b* 

o Wave 13: *k13q7b\_ans13* 

• When there is a cross-wave change in question text (though still measuring the same construct), but no change to response options, this is marked by adding the suffix "\_que" plus the wave when the change in question text occurred (e.g., "13") to the variable name. An example is the Topic I item ch048b, which is found in UAS 16 (Wave 12) and UAS 113 (Wave 13):

o Wave 12: i12ch048b

o Wave 13: *i13ch048b\_que13* 

• When there is both a cross-wave change in response options and a cross-wave change in question text (though still measuring the same construct). this is marked by adding the suffix "\_ch" plus the wave when the change in both question text and response options occurred (e.g., "13") to the variable name. An example is the Topic K item q6a, which is found in UAS 16 (Wave 12) and UAS 94 (Wave 13):

o Wave 12: k12q6a

o Wave 13: *k13q6a\_ch13* 

• When there is both a cross-wave change in response options and a cross-wave change in question text (though still measuring the same construct, this is marked by adding the suffix "\_samp" plus the wave when this occurred. This situation arises when a question, previously asked to all survey respondents, becomes limited to respondents with certain characteristics or based on certain prior responses. Conversely, it can also occur if earlier versions of the survey posed the question to a narrower group, and later versions expanded its scope. In such instances, while responses may still be comparable, they are only so for the subset of respondents who qualify under both versions of the survey. For

example, consider the Topic D item "self2" which appears in UAS 322 (Wave 14) and UAS 551 (Wave 15):

o Wave 14: d14self2

o Wave 15: d15self2 samp15

The following subsections describe the different non-HRS topics contained in the Comprehensive File.

## 3.2.1 Topic P (UAS 1, UAS 121, UAS 237, UAS 458) – Financial Literacy; Personality; Understanding Probabilities; Numeracy

Variables in Topic P (Financial Literacy; Personality; Understanding Probabilities; Numeracy) have variable names beginning with the prefix "pWV" where "p" represents Topic P and WV is the wave number. UAS 1 is the Wave 12 survey for Topic P, UAS 121 is the Wave 13 survey for Topic P (as well as the Wave 13 survey for Topic W – see below), UAS 237 is the Wave 14 survey for Topic P, and UAS 458 is the Wave 15 survey for Topic P.

To select all respondents who answered one or more waves of Topic P, set one or more indicator variables *in p12* through *in p15* to equal 1.

The timestamp variables associated with Topic P are: r12\_uas1iwbeg, r12\_uas1iwend, r13\_uas121iwbeg, r13\_uas121iwend, r14\_uas237iwbeg, r14\_uas237iwend, r15\_uas458iwbeg, r15\_uas458iwend.

A full list of the Topic P variables included in the Comprehensive File is found in <u>Table B.1</u> of Appendix B.

# 3.2.2 Topic W (UAS 2, UAS 121, UAS 237, UAS 458) - Satisfaction with Life Domains; Well-being yesterday; Neighborhood quality; Income comparisons

Variables from in Topic W (Satisfaction with life domains; well-being yesterday; neighborhood quality; comparison of incomes with others) have variable names beginning with the prefix "wWV" where "w" represents Topic W and WV is the wave number. UAS 2 is the Wave 12 survey for Topic W, UAS 121 is the Wave 13 survey for Topic W (as well as the Wave 13 survey for Topic P – see above), UAS 237 is the Wave 14 survey for Topic W, and UAS 458 is the Wave 15 survey for Topic W.

To select all respondents who answered one or more waves of Topic W, set one or more indicator variables  $in\_w12$  through  $in\_w15$  to equal 1.

The timestamp variables associated with Topic W are: r12\_uas2iwbeg, r12\_uas2iwend, r13\_uas121iwbeg, r13\_uas121iwend, r14\_uas237iwbeg, r14\_uas237iwend, r15\_uas458iwbeg, r15\_uas458iwend.

A full list of the Topic W variables included in the Comprehensive File is located in <u>Table B.2</u> of Appendix B.

### 3.2.3 Topic K (UAS 16, UAS 94, UAS 231, UAS 457) – What Do People Know About Social Security

Variables from Topic K (What do people know about Social Security) have variable names beginning with the prefix "kWV" where "k" represents Topic K and WV is the wave number. UAS 16 is the Wave 12 survey for Topic K (as well as the Wave 12 survey for a few variables in Section I – see below), UAS 94 is the Wave 13 survey for Topic K, UAS 231 is the Wave 14 survey for Topic K, and UAS 457 is the Wave 15 survey for Topic K.

To select all respondents who answered one or more waves of Topic K, set one or more indicator variables  $in \ k12$  through  $in \ k15$  to equal 1.

The timestamp variables associated with Topic K are: r12\_uas16iwbeg, r12\_uas16iwend, r13\_uas94iwbeg, r13\_uas94iwend, r14\_uas231iwbeg, r14\_uas231iwend, r15\_uas457iwbeg, r15\_uas457iwend.

A full list of the Topic K variables included in the Comprehensive File is located in Table B.3.

## 3.2.4 Topic F (UAS 18, UAS 119, UAS 239, UAS 460) - Financial Services and Decision-Making

Variables from Topic F (Financial Services and Decision Making) have variable names beginning with the prefix "fWV" where "f" represents Topic F and WV is the wave number. UAS 16 is the Wave 12 survey for Topic F, UAS 119 is the Wave 13 survey for Topic F, UAS 239 is the Wave 14 survey for Topic F, and UAS 460 is the Wave 15 survey for Topic F.

To select all respondents who answered one or more waves of Topic F, set one or more indicator variables  $in\ f12$  through  $in\ f15$  to equal 1.

The timestamp variables associated with Topic F are: r12\_uas18iwbeg, r12\_uas18iwend, r13\_uas119iwbeg, r13\_uas119iwend, r14\_uas239iwbeg, r14\_uas239iwend, r15\_uas460iwbeg, r15\_uas460iwend.

A full list of the Topic F variables included in the Comprehensive File is located in Table B.4.

## 3.2.5 Topic I (UAS 16, UAS 26, UAS 113, UAS 238, UAS 459) - Ways People Get Information on Retirement and Social Security

Variables from Topic I (Ways people get information on retirement and Social Security) have names beginning with the prefix "iWV" where "i" represents Topic I and WV is the wave number. Thirteen variables from UAS 16 as well as all variables in UAS 26 together make up the Wave 12 survey items for Topic I. UAS 113 is the Wave 13 survey for Topic I, UAS 238 is the Wave 14 survey for Topic I, and UAS 459 is the Wave 15 survey for Topic I.

To select all respondents who answered one or more waves of Topic I, set one or more indicator variables  $in_i12$  through  $in_i15$  to equal 1.

The timestamp variables associated with Topic I are: r12\_uas16iwbeg, r12\_uas16iwend, r12\_uas26iwbeg, r12\_uas26iwend, r13\_uas113iwbeg, r13\_uas113iwbend, r14\_uas238iwbeg, r14\_uas238iwend, r15\_uas459iwbeg, r15\_uas459iwend. There are 2 sets of Wave 12 timestamp variables because variables that comprise Topic I come from two surveys (UAS 16 and UAS 26).

A full list of the Topic I variables included in the Comprehensive File is located in Table B.5.

# 3.2.6 Topic C (UAS 38, UAS 177, UAS 413) - Subjective numeracy and Consumer Financial Well-Being

Variables from Topic C (Subjective numeracy and Consumer Financial Well-Being) have variable names beginning with the prefix "cWV" where "c" represents Topic C and WV is the wave number. UAS 38 is the Wave 12 survey for Topic C, UAS 177 is the Wave 13 survey for Topic C, and UAS 413 is the Wave 14 survey for Topic C.

To select all respondents who answered one or more waves of Topic C, set one or more indicator variables  $in\_c12$  through  $in\_c14$  to equal 1.

The timestamp variables associated with Topic C are: r12\_uas38iwbeg, r12\_uas38iwend, r13\_uas177iwbeg, r13\_uas177iwend, r14\_uas413iwbeg, r14\_uas413iwend.

A full list of the Topic C variables included in the Comprehensive File is located in Table B.6.

### 3.2.7 Topic N (UAS 42, UAS 83, UAS 292, UAS 483) - Cognitive measures 1 - Numbers

Unique among the studies in the Comprehrensive File, waves for the three Woodcock-Johnson cognitive measures (Topics N, V, and A) never close, and new respondents always begin with Wave 12 no matter when they enter the UAS sample. The first survey in Topic N administered to each respondent is always UAS 42, followed by UAS 83, UAS 292, and then UAS 483.

Variables from Topic N (Cognitive measures 1 – Numbers) have variable names beginning with the prefix "nWV" where "n" represents Topic N and WV is the wave number. UAS 42 is the Wave 12 survey for Topic N, UAS 83 is the Wave 13 survey for Topic N, UAS 292 is the Wave 14 survey for Topic N, and UAS 493 is the Wave 15 survey for Topic N.

To select all respondents who answered one or more waves of Topic N, set one or more indicator variables *in\_n12* through *in\_n15* to equal 1.

The timestamp variables associated with Topic N are: r12\_uas42iwbeg, r12\_uas42iwend, r13\_uas83iwbeg, r13\_uas83iwend, r14\_uas292iwbeg, r14\_uas292iwend, r15\_uas483iwbeg, r15\_uas483iwend.

A full list of the Topic N variables included in the Comprehensive File is located in Table B.7.

## 3.2.8 Topic V (UAS 43, UAS 84, UAS 293, UAS 484) - Cognitive measures 2 - Picture Vocabulary

Unique among the studies in the Comprehrensive File, waves for the three Woodcock-Johnson cognitive measures (Topics N, V, and A) never close, and new respondents always begin with Wave 12 no matter when they enter the UAS sample. The first survey in Topic V administered to each respondent is always UAS 43, followed by UAS 84, UAS 293, and then UAS 484.

Variables from Topic V (Cognitive measures 2 – Picture Vocabulary) have variable names beginning with the prefix "vWV" where "v" represents Topic V and WV is the wave number. UAS 43 is the Wave 12 survey for Topic V, UAS 84 is the Wave 13 survey for Topic V, UAS 293 is the Wave 14 survey for Topic V, and UAS 484 is the Wave 15 survey for Topic V.

To select all respondents who answered one or more waves of Topic V, set one or more indicator variables in v12 through in v15 to equal 1.

The timestamp variables associated with Topic V are: r12\_uas43iwbeg, r12\_uas43iwend, r13\_uas84iwbeg, r13\_uas84iwend, r14\_uas293iwbeg, r14\_uas293iwend, r15\_uas484iwbeg, r15\_uas484iwend.

A full list of the Topic V variables included in the Comprehensive File is located in Table B.8.

## 3.2.9 Topic A (UAS 44, UAS 85, UAS 294, UAS 485) - Cognitive measures 3 - Verbal Analogies

Unique among the studies in the Comprehrensive File, waves for the three Woodcock-Johnson cognitive measures (Topics N, V, and A) never close, and new respondents always begin with Wave 12 no matter when they enter the UAS sample. The first survey in Topic A administered to each respondent is always UAS 44, followed by UAS 85, UAS 294, and then UAS 485.

Variables from Topic A (Cognitive measures 3 – Verbal Analogies) have variable names beginning with the prefix "aWV" where "a" represents Topic A and WV is the wave number. UAS 44 is the Wave 12 survey for Topic A, UAS 85 is the Wave 13 survey for Topic A, UAS 294 is the Wave 14 survey for Topic A, and UAS 485 is the Wave 15 survey for Topic A.

To select all respondents who answered one or more waves of Topic A, set one or more indicator variables *in a12* through *in a15* to equal 1.

The timestamp variables associated with Topic A are: r12\_uas44iwbeg, r12\_uas44iwend, r13\_uas85iwbeg, r13\_uas85iwend, r14\_uas294iwbeg, r14\_uas294iwend, r15\_uas485iwbeg, r15\_uas485iwend.

A full list of the Topic A variables included in the Comprehensive File is located in Table B.9.

## 3.2.10 Topic D (UAS 322, UAS 551) - Views and Knowledge about the Social Security Disability Program

Variables from Topic D (Views and Knowledge about the Social Security Disability program) have variable names beginning with the prefix "d." UAS 322 is the Wave 14 survey for Topic D, and Wave 14 variables are prefixed with "d14." UAS 551 is the Wave 15 survey for this topic, and variables are prefixed with "d15." This topic was first introduced in Wave 14 and therefore has no data from Waves 12 - 13. To select all respondents who answered one or more waves Topic D, set the indicator variable  $in_d14$  through  $in_d15$  to equal 1.

The timestamp variables associated with Topic D are: r14\_uas322iwbeg, r14\_uas322iwend, r15\_uas551iwbeg, r15\_uas551iwend.

For UAS 551, the there was an error in the question text for *barr1b1\_3* during the first few months of fielding. Instead of asking "Do you currently earn \$1,470 or more per month from work?" it had "Do you currently earn \$1470 per month from work?" This was fixed in early September of 2023, and the variable *barr1b1\_3\_flag* was added to mark which of the two question wordings was used.

A full list of the Topic D variables included in the Comprehensive File is located in Table B.10.

#### 3.2.11 Non-HRS Derived Variables

Occasionally, variables derived from two or more non-HRS UAS surveys are added to the Comprehensive File. These variables are referred to as "non-HRS derived variables" and are denoted with the prefix *j* in the variable name.

#### Retirement Preparedness Index

The first of these variables to be included in the Comprehensive File is the retirement preparedness index, j12rpi. This variable is derived from raw variables found in UAS 16, UAS 24, and UAS 26. The index is a weighted sum of the following variables: an indicator for having a defined benefit plan (weight $\approx$ 0.16); an indicator for being entitled to IRA assets (weight $\approx$ 0.54), an indicator for owning an IRA (weight  $\approx$ 0.52), an indicator for owning enough IRA funds<sup>7</sup> (weight $\approx$ 0.52), and an indicator for having made no early withdrawals from the IRA (0.24); having made no early cash withdrawals (weight $\approx$ 0.003), the percentage of stock held in IRAs (weight $\approx$ 0.25), and an indicator of whether the percentage of IRAs held as stock is appropriate for the age of the beneficiary (weight $\approx$ 0.16). The weights for these variables were derived using Principal Component Analysis as described in Chard, Rogofsky and Yoong (2017).

Beginning in 2019, the retirement preparedness index for Wave 13, *j13rpi*, is included in the Comprehensive File. This variable is derived from raw data from UAS 94, UAS 99, and UAS 113.

Starting with the September 2020 Comprehensive File release, the index for Wave 14, *j14rpi*, in included. This variable is derived from raw data from UAS 231, UAS 189, and UAS 238. In September 2022, *j15rpi* was added to the file (raw data from UAS 400, UAS 457, and UAS 459)

#### 3.2.12 Financial Health Scores

UAS surveys 133, 183, 233, 385, and 453 are the first five annual waves of the U.S. Financial Health Pulse research initiative designed and sponsored by the Financial Health Network. These three surveys were conducted in 2018 through 2022, respectively, to assess the financial health of American adults over time.

Survey responses were aggregated to produce financial health sub-scores in the domains of spending, saving, borrowing, and planning, along with a total financial health score that takes all of these components into account. The methodology used to create these scores can be found here: https://finhealthnetwork.org/tools/financial-health-score/finhealth-score-methodology/

The Comprehensive File includes the four sub-scores for spending, saving, borrowing, and planning, and the total financial health score. The list of these variables can be found in <a href="Table">Table</a>
<a href="B.11">B.11</a> of Appendix B. The names of the financial health scores based on the U.S. Financial Health Pulse surveys begin with the prefix "qfhn" followed by a wave number, in keeping with the

<sup>&</sup>lt;sup>7</sup> See Chard, Rogofsky and Yoong (2017) for an explanation of this variable.

naming structure of the UAS HRS and other Comprehensive File studies, and also the year in which the particular survey was fielded.

Trends reports for the U.S. Financial Health Pulse surveys are available here:

2018 survey (UAS 133)

2019 survey (UAS 183)

2020 survey (UAS 233)

2021 survey (UAS 385)

2022 survey (UAS 453)

## 3.2.13 Elder Index Variables

To enhance research related to older adults and their economic security, the Gerontology Institute at University of Massachusetts Boston (UMB) has created versions of the Elder Index <sup>TM</sup> to include in the UAS data system. The quintile values representing these indices are included in the UAS Comprehensive File.

The Elder Index<sup>TM</sup> is a measure of the basic cost of living for older adults in every county of the United States, based on the market cost of housing, food, transportation, health care and other necessities (Mutchler, Shih, Lyu, Bruce, & Gottlieb, 2015). The methodology used in creating the Elder Index<sup>TM</sup> is based on geographically specific costs that older adult households routinely face, building on a history of "family budget" research focusing on families with children (see Johnson, Rogers & Tan, 2001). The goal in developing the Elder Index<sup>TM</sup> was to offer a more realistic benchmark against which economic adequacy in later life may be evaluated. The Elder Index<sup>TM</sup> is used widely by state governments, NGOs, and in research; it was featured in a report from the Congressional Budget Office as a key indicator of adequacy in retirement (Congressional Budget Office, 2017).

The Elder Index<sup>TM</sup> measures the cost for an older single person or couple to remain independent without financial support from need-based programs. It measures basic living expenses for older adults who live independently in one- or two-person households. In the Comprehensive File, the variables associated with these household arrangements are listed in <u>Table B.12</u> of Appendix B.

The Elder Index $^{TM}$  measures living expenses for persons ages 65 and over because this is the age at which Medicare eligibility begins.

The Elder Index<sup>TM</sup> is calculated based on local costs of basic expenses, including shelter, medical care, food, transportation, and limited miscellaneous expenditures for clothing and household necessities. The embedded expenses reflect average market costs and do not take into account any needs-based subsidies such as SNAP benefits, fuel assistance, or housing subsidies. The Elder Index<sup>TM</sup> is tabulated separately for older adults living alone, and in two-person households; based on housing tenure (owner with no mortgage, renter, owner with a mortgage); and on

health status (excellent, good, poor). The data sources and methodology used to calculate the Elder Index<sup>TM</sup> is described in detail in Mutchler, Li & Xu (2016).

To preserve respondent confidentiality, for each measure included in the UAS Comprehensive File, the quintile of the specific Elder Index<sup>TM</sup> is provided instead of the calculated Elder index<sup>TM</sup> itself. To observe a reference level for these quintile values, please consult <u>Appendix C</u> of this document, which provides the median Elder Index<sup>TM</sup> value of each quintile by household type.

The 2019 Elder Index<sup>TM</sup> and 2020 Elder Index<sup>TM</sup> were produced by the Gerontology Institute at the University of Massachusetts Boston, and released in November 2019 and May 2021, respectively. County and state-level values of the Elder Index<sup>TM</sup> are disseminated through https://elderindex.org/.

The 2019 Elder Index<sup>TM</sup> and 2020 Elder Index<sup>TM</sup> releases included in the current UAS Comprehensive File were produced and made available with generous grant support from RRF Foundation for Aging, The National Council on Aging, The Henry and Marilyn Taub Foundation, The Silver Century Foundation, and Gary and Mary West Foundation. Additional support for the Elder Index<sup>TM</sup> is provided by the University of Massachusetts Boston.

## 3.3 Sample Weights

The Comprehensive File includes wave-specific weight variables that allow the sample to be representative of the reference population along several demographic dimensions. These dimensions include gender, race/ethnicity, age, education, household size, and household income as well as census region and urban/rural characteristics of the area of residence. A complete description of the UAS weighting procedure can be found here.

Values used to generate the sample weights are taken from the most recent My Household survey for each respondent, according to the rules described in <u>Section 3.1.2</u> and <u>Section 3.2</u>.

The data set contains the weight variable (where WV is the specific wave, 12 through 15):

• rWVfinal\_weight: Relative final post-stratification weights ensuring representativeness of the survey sample with respect to the U.S. population 18 years of age or older. These sample weights are non-zero for respondents belonging to the nationally-representative core sample and zero for respondents belonging to special-purpose samples, such as the Native American and Los Angeles County sub-samples.

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## APPENDIX A. UAS HRS VARIABLES

Table A.1 UAS HRS Wealth Variables included in the Comprehensive File

| Variable Name | Variable Label   |
|---------------|--|
| h12arles      | w12 uas24 net value of real estate that is not primary residence           |
| h13arles      | w13 uas99 net value of real estate that is not primary residence           |
| h14arles      | w14 uas189 net value of real estate that is not primary residence          |
| h15arles      | w15 uas400 net value of real estate that is not primary residence          |
| h12afrles     | w12 uas24 net value of real estate that is not primary residence-imp flag  |
| h13afrles     | w13 uas99 net value of real estate that is not primary residence-imp flag  |
| h14afrles     | w14 uas189 net value of real estate that is not primary residence-imp flag |
| h15afrles     | w15 uas400 net value of real estate that is not primary residence-imp flag |
| h12atran      | w12 uas24 net value of vehicles  |
| h13atran      | w13 uas99 net value of vehicles  |
| h14atran      | w14 uas189 net value of vehicles   |
| h15atran      | w15 uas400 net value of vehicles   |
| h12aftran     | w12 uas24 net value of vehicles-imp flag                                   |
| h13aftran     | w13 uas99 net value of vehicles-imp flag                                   |
| h14aftran     | w14 uas189 net value of vehicles-imp flag                                  |
| h15aftran     | w15 uas400 net value of vehicles-imp flag                                  |
| h12absns      | w12 uas24 net value of businesses  |
| h13absns      | w13 uas99 net value of businesses  |
| h14absns      | w14 uas189 net value of businesses   |
| h15absns      | w15 uas400 net value of businesses   |
| h12afbsns     | w12 uas24 net value of businesses-imp flag                                 |
| h13afbsns     | w13 uas99 net value of businesses-imp flag                                 |
| h14afbsns     | w14 uas189 net value of businesses-imp flag                                |
| h15afbsns     | w15 uas400 net value of businesses-imp flag                                |
| h12aira       | w12 uas24 net value of ira, keogh accounts                                 |
| h13aira       | w13 uas99 net value of ira, keogh accounts                                 |

| h14aira   | w14 uas189 net value of ira, keogh accounts                                  |
|-----------|--|
| h15aira   | w15 uas400 net value of ira, keogh accounts                                  |
| h12afira  | w12 uas24 net value of ira, keogh accounts-imp flag                          |
| h13afira  | w13 uas99 net value of ira, keogh accounts-imp flag                          |
| h14afira  | w14 uas189 net value of ira, keogh accounts-imp flag                         |
| h15afira  | w15 uas400 net value of ira, keogh accounts-imp flag                         |
| h12astck  | w12 uas24 net value of stocks, mutual funds, and investment trusts           |
| h13astck  | w13 uas99 net value of stocks, mutual funds, and investment trusts           |
| h14astck  | w14 uas189 net value of stocks, mutual funds, and investment trusts          |
| h15astck  | w15 uas400 net value of stocks, mutual funds, and investment trusts          |
| h12afstck | w12 uas24 net value of stocks, mutual funds, and investment trusts-imp flag  |
| h13afstck | w13 uas99 net value of stocks, mutual funds, and investment trusts-imp flag  |
| h14afstck | w14 uas189 net value of stocks, mutual funds, and investment trusts-imp flag |
| h15afstck | w15 uas400 net value of stocks, mutual funds, and investment trusts-imp flag |
| h12achck  | w12 uas24 value of checking, savings, or money market accounts               |
| h13achck  | w13 uas99 value of checking, savings, or money market accounts               |
| h14achck  | w14 uas189 value of checking, savings, or money market accounts              |
| h15achck  | w15 uas400 value of checking, savings, or money market accounts              |
| h12afchck | w12 uas24 value of checking, savings, or money market accounts-imp flag      |
| h13afchck | w13 uas99 value of checking, savings, or money market accounts-imp flag      |
| h14afchck | w14 uas189 value of checking, savings, or money market accounts-imp flag     |
| h15afchck | w15 uas400 value of checking, savings, or money market accounts-imp flag     |
| h12acd    | w12 uas24 value of cd, government savings bonds, and t-bills                 |
| h13acd    | w13 uas99 value of cd, government savings bonds, and t-bills                 |
| h14acd    | w14 uas189 value of cd, government savings bonds, and t-bills                |
| h15acd    | w15 uas400 value of cd, government savings bonds, and t-bills                |
| h12afcd   | w12 uas24 value of cd, government savings bonds, and t-bills-imp flag        |
| h13afcd   | w13 uas99 value of cd, government savings bonds, and t-bills-imp flag        |
| h14afcd   | w14 uas189 value of cd, government savings bonds, and t-bills-imp flag       |
| h15afcd   | w15 uas400 value of cd, government savings bonds, and t-bills-imp flag       |
| <u> </u>  | ·  |

| h12abond  | w12 uas24 net value of bonds and bond funds           |
|-----------|---|
| h13abond  | w13 uas99 net value of bonds and bond funds           |
| h14abond  | w14 uas189 net value of bonds and bond funds          |
| h15abond  | w15 uas400 net value of bonds and bond funds          |
| h12afbond | w12 uas24 net value of bonds and bond funds-imp flag  |
| h13afbond | w13 uas99 net value of bonds and bond funds-imp flag  |
| h14afbond | w14 uas189 net value of bonds and bond funds-imp flag |
| h15afbond | w15 uas400 net value of bonds and bond funds-imp flag |
| h12aothr  | w12 uas24 net value of all other savings              |
| h13aothr  | w13 uas99 net value of all other savings              |
| h14aothr  | w14 uas189 net value of all other savings             |
| h15aothr  | w15 uas400 net value of all other savings             |
| h12afothr | w12 uas24 net value of all other savings-imp flag     |
| h13afothr | w13 uas99 net value of all other savings-imp flag     |
| h14afothr | w14 uas189 net value of all other savings-imp flag    |
| h15afothr | w15 uas400 net value of all other savings-imp flag    |
| h12adebt  | w12 uas24 value of other debt[not yet asked about]    |
| h13adebt  | w13 uas99 value of other debt[not yet asked about]    |
| h14adebt  | w14 uas189 value of other debt[not yet asked about]   |
| h15adebt  | w15 uas400 value of other debt[not yet asked about]   |
| h12afdebt | w12 uas24 value of other debt-imp flag                |
| h13afdebt | w13 uas99 value of other debt-imp flag                |
| h14afdebt | w14 uas189 value of other debt-imp flag               |
| h15afdebt | w15 uas400 value of other debt-imp flag               |
| h12ahous  | w12 uas21 value of primary residence                  |
| h13ahous  | w13 uas96 value of primary residence                  |
| h14ahous  | w14 uas186 value of primary residence                 |
| h15ahous  | w15 uas397 value of primary residence                 |
| h12afhous | w12 uas21 value of primary residence-imp flag         |
| h13afhous | w13 uas96 value of primary residence-imp flag         |
|           |   |

| h14afhous | w14 uas186 value of primary residence-imp flag                                 |
|-----------|--|
| h15afhous | w15 uas397 value of primary residence-imp flag                                 |
| h12amort  | w12 uas21 value of all mortgages/land contracts on primary residence           |
| h13amort  | w13 uas96 value of all mortgages/land contracts on primary residence           |
| h14amort  | w14 uas186 value of all mortgages/land contracts on primary residence          |
| h15amort  | w15 uas397 value of all mortgages/land contracts on primary residence          |
| h12afmort | w12 uas21 value of all mortgages/land contracts on primary residence-imp flag  |
| h13afmort | w13 uas96 value of all mortgages/land contracts on primary residence-imp flag  |
| h14afmort | w14 uas186 value of all mortgages/land contracts on primary residence-imp flag |
| h15afmort | w15 uas397 value of all mortgages/land contracts on primary residence-imp flag |
| h12ahmln  | w12 uas21 value of other home loans on primary residence                       |
| h13ahmln  | w13 uas96 value of other home loans on primary residence                       |
| h14ahmln  | w14 uas186 value of other home loans on primary residence                      |
| h15ahmln  | w15 uas397 value of other home loans on primary residence                      |
| h12afhmln | w12 uas21 value of other home loans on primary residence-imp flag              |
| h13afhmln | w13 uas96 value of other home loans on primary residence-imp flag              |
| h14afhmln | w14 uas186 value of other home loans on primary residence-imp flag             |
| h15afhmln | w15 uas397 value of other home loans on primary residence-imp flag             |
| h12atoth  | w12 uas21 net value of primary residence                                       |
| h13atoth  | w13 uas96 net value of primary residence                                       |
| h14atoth  | w14 uas186 net value of primary residence                                      |
| h15atoth  | w15 uas397 net value of primary residence                                      |
| h12ahoub  | w12 uas21 value of secondary residence   |
| h13ahoub  | w13 uas96 value of secondary residence   |
| h14ahoub  | w14 uas186 value of secondary residence  |
| h15ahoub  | w15 uas397 value of secondary residence  |
| h12afhoub | w12 uas21 value of secondary residence-imp flag                                |

| h13afhoub | w13 uas96 value of secondary residence-imp flag                         |
|-----------|---|
| h14afhoub | w14 uas186 value of secondary residence-imp flag                        |
| h15afhoub | w15 uas397 value of secondary residence-imp flag                        |
| h12amrtb  | w12 uas21 value of all mortgages/land contracts on secondary residence  |
| h13amrtb  | w13 uas96 value of all mortgages/land contracts on secondary residence  |
| h14amrtb  | w14 uas186 value of all mortgages/land contracts on secondary residence |
| h15amrtb  | w15 uas397 value of all mortgages/land contracts on secondary residence |
| h12afmrtb | w12 uas21 value of all mortgages/land contracts on secondary residence  |
| h13afmrtb | w13 uas96 value of all mortgages/land contracts on secondary residence  |
| h14afmrtb | w14 uas186 value of all mortgages/land contracts on secondary residence |
| h15afmrtb | w15 uas397 value of all mortgages/land contracts on secondary residence |
| h12anethb | w12 uas21 net value of secondary residence                              |
| h13anethb | w13 uas96 net value of secondary residence                              |
| h14anethb | w14 uas186 net value of secondary residence                             |
| h15anethb | w15 uas397 net value of secondary residence                             |
| h12atotf  | w12 uas24 net value of non-housing financial wealth                     |
| h13atotf  | w13 uas99 net value of non-housing financial wealth                     |
| h14atotf  | w14 uas189 net value of non-housing financial wealth                    |
| h15atotf  | w15 uas400 net value of non-housing financial wealth                    |
| h12atota  | w12 uas21/uas24 total wealthexcluding secondary residence               |
| h13atota  | w13 uas96/uas99 total wealthexcluding secondary residence               |
| h14atota  | w14 uas186/uas189 total wealthexcluding secondary residence             |
| h15atota  | w15 uas397/uas400 total wealthexcluding secondary residence             |
| h12atotb  | w12 uas21/uas24 total wealthincluding secondary residence               |
| h13atotb  | w13 uas96/uas99 total wealthincluding secondary residence               |
| h14atotb  | w14 uas186/uas189 total wealthincluding secondary residence             |
| h15atotb  | w15 uas397/uas400 total wealthincluding secondary residence             |
| h12atotw  | w12 uas21/uas24 total wealthexcluding iras                              |
| h13atotw  | w13 uas96/uas99 total wealthexcluding iras                              |
| h14atotw  | w14 uas186/uas189 total wealthexcluding iras                            |
|           | 1   |

| h15atotw | w15 uas397/uas400 total wealthexcluding iras |
|----------|--|
| h12atotn | w12 uas24 total non-housing wealth           |
| h13atotn | w13 uas99 total non-housing wealth           |
| h14atotn | w14 uas189 total non-housing wealth          |
| h15atotn | w15 uas400 total non-housing wealth          |

Table A.2 UAS HRS Income Variables included in the Comprehensive File

| Variable Name | Variable Label                                      |
|---------------|---|
| r12iearn      | w12 uas24 earnings                                  |
| r13iearn      | w13 uas99 earnings                                  |
| r14iearn      | w14 uas189 earnings                                 |
| r15iearn      | w15 uas400 earnings                                 |
| r12ifearn     | w12 uas24 earnings-imp flag                         |
| r13ifearn     | w13 uas99 earnings-imp flag                         |
| r14ifearn     | w14 uas189 earnings-imp flag                        |
| r15ifearn     | w15 uas400 earnings-imp flag                        |
| s12iearn      | w12 uas24 earnings sp                               |
| s13iearn      | w13 uas99 earnings sp                               |
| s14iearn      | w14 uas189 earnings sp                              |
| s15iearn      | w15 uas400 earnings sp                              |
| s12ifearn     | w12 uas24 earnings sp-imp flag                      |
| s13ifearn     | w13 uas99 earnings sp-imp flag                      |
| s14ifearn     | w14 uas189 earnings sp-imp flag                     |
| s15ifearn     | w15 uas400 earnings sp-imp flag                     |
| h12icap       | w12 uas24 household capital income                  |
| h13icap       | w13 uas99 household capital income                  |
| h14icap       | w14 uas189 household capital income                 |
| h15icap       | w15 uas400 household capital income                 |
| h12ifcap      | w12 uas24 household capital income-imp flag         |
| h13ifcap      | w13 uas99 household capital income-imp flag         |
| h14ifcap      | w14 uas189 household capital income-imp flag        |
| h15ifcap      | w15 uas400 household capital income-imp flag        |
| r12ipena      | w12 uas24 income from employer pension and annuity  |
| r13ipena      | w13 uas99 income from employer pension and annuity  |
| r14ipena      | w14 uas189 income from employer pension and annuity |

| r15ipena  | w15 uas400 income from employer pension and annuity             |
|-----------|---|
| r12ifpena | w12 uas24 income from employer pension and annuity-imp flag     |
| r13ifpena | w13 uas99 income from employer pension and annuity-imp flag     |
| r14ifpena | w14 uas189 income from employer pension and annuity-imp flag    |
| r15ifpena | w15 uas400 income from employer pension and annuity-imp flag    |
| s12ipena  | w12 uas24 income from employer pension and annuity sp           |
| s13ipena  | w13 uas99 income from employer pension and annuity sp           |
| s14ipena  | w14 uas189 income from employer pension and annuity sp          |
| s15ipena  | w15 uas400 income from employer pension and annuity sp          |
| s12ifpena | w12 uas24 income from employer pension and annuity sp-imp flag  |
| s13ifpena | w13 uas99 income from employer pension and annuity sp-imp flag  |
| s14ifpena | w14 uas189 income from employer pension and annuity sp-imp flag |
| s15ifpena | w15 uas400 income from employer pension and annuity sp-imp flag |
| r12ipen   | w12 uas24 income from employer pension                          |
| r13ipen   | w13 uas99 income from employer pension                          |
| r14ipen   | w14 uas189 income from employer pension                         |
| r15ipen   | w15 uas400 income from employer pension                         |
| r12ifpen  | w12 uas24 income from employer pension-imp flag                 |
| r13ifpen  | w13 uas99 income from employer pension-imp flag                 |
| r14ifpen  | w14 uas189 income from employer pension-imp flag                |
| r15ifpen  | w15 uas400 income from employer pension-imp flag                |
| s12ipen   | w12 uas24 income from employer pension sp                       |
| s13ipen   | w13 uas99 income from employer pension sp                       |
| s14ipen   | w14 uas189 income from employer pension sp                      |
| s15ipen   | w15 uas400 income from employer pension sp                      |
| s12ifpen  | w12 uas24 income from employer pension sp-imp flag              |
| s13ifpen  | w13 uas99 income from employer pension sp-imp flag              |
| s14ifpen  | w14 uas189 income from employer pension sp-imp flag             |
| s15ifpen  | w15 uas400 income from employer pension sp-imp flag             |
| r12iann   | w12 uas24 income from employer annuity                          |

| r13iann   | w13 uas99 income from employer annuity                        |
|-----------|---|
| r14iann   | w14 uas189 income from employer annuity                       |
| r15iann   | w15 uas400 income from employer annuity                       |
| r12ifann  | w12 uas24 income from employer annuity-imp flag               |
| r13ifann  | w13 uas99 income from employer annuity-imp flag               |
| r14ifann  | w14 uas189 income from employer annuity-imp flag              |
| r15ifann  | w15 uas400 income from employer annuity-imp flag              |
| s12iann   | w12 uas24 income from employer annuity sp                     |
| s13iann   | w13 uas99 income from employer annuity sp                     |
| s14iann   | w14 uas189 income from employer annuity sp                    |
| s15iann   | w15 uas400 income from employer annuity sp                    |
| s12ifann  | w12 uas24 income from employer annuity sp-imp flag            |
| s13ifann  | w13 uas99 income from employer annuity sp-imp flag            |
| s14ifann  | w14 uas189 income from employer annuity sp-imp flag           |
| s15ifann  | w15 uas400 income from employer annuity sp-imp flag           |
| r12issdi  | w12 uas24 income from soc sec disability and ssi              |
| r13issdi  | w13 uas99 income from soc sec disability and ssi              |
| r14issdi  | w14 uas189 income from soc sec disability and ssi             |
| r15issdi  | w15 uas400 income from soc sec disability and ssi             |
| r12ifssdi | w12 uas24 income from soc sec disability and ssi-imp flag     |
| r13ifssdi | w13 uas99 income from soc sec disability and ssi-imp flag     |
| r14ifssdi | w14 uas189 income from soc sec disability and ssi-imp flag    |
| r15ifssdi | w15 uas400 income from soc sec disability and ssi-imp flag    |
| s12issdi  | w12 uas24 income from soc sec disability and ssi sp           |
| s13issdi  | w13 uas99 income from soc sec disability and ssi sp           |
| s14issdi  | w14 uas189 income from soc sec disability and ssi sp          |
| s15issdi  | w15 uas400 income from soc sec disability and ssi sp          |
| s12ifssdi | w12 uas24 income from soc sec disability and ssi sp-imp flag  |
| s13ifssdi | w13 uas99 income from soc sec disability and ssi sp-imp flag  |
| s14ifssdi | w14 uas189 income from soc sec disability and ssi sp-imp flag |
|           |   |

| r12isdi w12 uas24 income from soc sec disability r13isdi w13 uas99 income from soc sec disability r14isdi w14 uas189 income from soc sec disability r15isdi w15 uas400 income from soc sec disability r12ifsdi w12 uas24 income from soc sec disability-imp flag r13ifsdi w13 uas99 income from soc sec disability-imp flag r14ifsdi w14 uas189 income from soc sec disability-imp flag r14ifsdi w15 uas400 income from soc sec disability-imp flag r15ifsdi w15 uas400 income from soc sec disability-imp flag s12isdi w12 uas24 income from soc sec disability sp s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s13ifsdi w14 uas189 income from soc sec disability sp-imp flag s13ifsdi w15 uas400 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r13issi w14 uas189 income from soc sec ssi s12issi w15 uas400 income from soc sec ssi s12issi w15 uas400 income from soc sec ssi s12issi w15 uas400 income from soc sec ssi s13issi w15 uas400 income from soc sec ssi s14issi w14 uas189 income from soc sec ssi s15issi w15 uas400 income from soc sec ssi s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp | s15ifssdi | w15 uas400 income from soc sec disability and ssi sp-imp flag |
|---|-----------|---|
| r14isdi w14 uas189 income from soc sec disability r15isdi w15 uas400 income from soc sec disability-imp flag r13ifsdi w13 uas99 income from soc sec disability-imp flag r14ifsdi w14 uas189 income from soc sec disability-imp flag r15ifsdi w15 uas400 income from soc sec disability-imp flag r15ifsdi w15 uas400 income from soc sec disability sp s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s15ifsdi w16 uas24 income from soc sec disability sp-imp flag s13ifsdi w18 uas99 income from soc sec disability sp-imp flag s13ifsdi w16 uas400 income from soc sec disability sp-imp flag s15ifsdi w17 uas24 income from soc sec disability sp-imp flag r12issi w18 uas400 income from soc sec ssi r13issi w18 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi r15issi w16 uas24 income from soc sec ssi s12issi w17 uas24 income from soc sec ssi s12issi w18 uas400 income from soc sec ssi s12issi w19 uas24 income from soc sec ssi sp s13issi w18 uas400 income from soc sec ssi sp s13issi w19 uas29 income from soc sec ssi sp s14issi w19 uas29 income from soc sec ssi sp s15issi w19 uas29 income from soc sec ssi sp s15issi w19 uas29 income from soc sec ssi sp s15issi w19 uas29 income from soc sec ssi sp s15issi w19 uas29 income from soc sec ssi sp s15issi w19 uas29 income from soc sec ssi sp s15issi w19 uas29 income from soc sec ssi sp s15issi w19 uas29 income from soc sec ssi sp  | r12isdi   | w12 uas24 income from soc sec disability                      |
| r15isdi w15 uas400 income from soc sec disability r12ifsdi w12 uas24 income from soc sec disability-imp flag r14ifsdi w13 uas99 income from soc sec disability-imp flag r14ifsdi w14 uas189 income from soc sec disability-imp flag r15ifsdi w15 uas400 income from soc sec disability sp s12isdi w12 uas24 income from soc sec disability sp s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s13ifsdi w14 uas189 income from soc sec disability sp-imp flag s14ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec si r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi s12issi w13 uas99 income from soc sec ssi s13issi w13 uas99 income from soc sec ssi s13issi w13 uas99 income from soc sec ssi s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp   | r13isdi   | w13 uas99 income from soc sec disability                      |
| r12ifsdi w12 uas24 income from soc sec disability-imp flag r13ifsdi w13 uas99 income from soc sec disability-imp flag r14ifsdi w14 uas189 income from soc sec disability-imp flag r15ifsdi w15 uas400 income from soc sec disability sp s13isdi w12 uas24 income from soc sec disability sp s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s13ifsdi w14 uas189 income from soc sec disability sp-imp flag s14ifsdi w15 uas400 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r13issi w14 uas189 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi s12issi w15 uas400 income from soc sec ssi s12issi w15 uas400 income from soc sec ssi s12issi w15 uas400 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp   | r14isdi   | w14 uas189 income from soc sec disability                     |
| r13ifsdi w13 uas99 income from soc sec disability-imp flag r14ifsdi w14 uas189 income from soc sec disability-imp flag r15ifsdi w15 uas400 income from soc sec disability-imp flag s12isdi w12 uas24 income from soc sec disability sp s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s14ifsdi w15 uas400 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp   | r15isdi   | w15 uas400 income from soc sec disability                     |
| r14ifsdi w14 uas189 income from soc sec disability-imp flag s12isdi w12 uas24 income from soc sec disability sp s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s13ifsdi w14 uas189 income from soc sec disability sp-imp flag s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s13issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp   | r12ifsdi  | w12 uas24 income from soc sec disability-imp flag             |
| r15ifsdi w15 uas400 income from soc sec disability-imp flag s12isdi w12 uas24 income from soc sec disability sp s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi s12issi w14 uas189 income from soc sec ssi s13issi w15 uas400 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s14issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp  | r13ifsdi  | w13 uas99 income from soc sec disability-imp flag             |
| s12isdi w12 uas24 income from soc sec disability sp s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi s12issi w14 uas189 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi inp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag  | r14ifsdi  | w14 uas189 income from soc sec disability-imp flag            |
| s13isdi w13 uas99 income from soc sec disability sp s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s14issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp   | r15ifsdi  | w15 uas400 income from soc sec disability-imp flag            |
| s14isdi w14 uas189 income from soc sec disability sp s15isdi w15 uas400 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi s12issi w13 uas99 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi inp flag h12ifssi w15 uas400 household income from ssi-imp flag h14ifssi w15 uas400 household income from ssi-imp flag   | s12isdi   | w12 uas24 income from soc sec disability sp                   |
| s15isdi w15 uas400 income from soc sec disability sp s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi s12issi w13 uas99 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w13 uas99 household income from ssi-imp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w15 uas400 household income from ssi-imp flag   | s13isdi   | w13 uas99 income from soc sec disability sp                   |
| s12ifsdi w12 uas24 income from soc sec disability sp-imp flag s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w15 uas24 household income from ssi-imp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w15 uas400 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag   | s14isdi   | w14 uas189 income from soc sec disability sp                  |
| s13ifsdi w13 uas99 income from soc sec disability sp-imp flag s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s14issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w15 uas400 income from soc sec ssi sp h12ifssi w14 uas189 household income from ssi-imp flag h13ifssi w14 uas189 household income from ssi-imp flag h14ifssi w15 uas400 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag  | s15isdi   | w15 uas400 income from soc sec disability sp                  |
| s14ifsdi w14 uas189 income from soc sec disability sp-imp flag s15ifsdi w15 uas400 income from soc sec disability sp-imp flag r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s14issi w15 uas400 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w15 uas24 household income from ssi-imp flag h13ifssi w14 uas189 household income from ssi-imp flag h14ifssi w15 uas400 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag  | s12ifsdi  | w12 uas24 income from soc sec disability sp-imp flag          |
| s15ifsdi w15 uas400 income from soc sec disability sp-imp flag  r12issi w12 uas24 income from soc sec ssi  r13issi w13 uas99 income from soc sec ssi  r14issi w14 uas189 income from soc sec ssi  r15issi w15 uas400 income from soc sec ssi  s12issi w12 uas24 income from soc sec ssi sp  s13issi w13 uas99 income from soc sec ssi sp  s14issi w14 uas189 income from soc sec ssi sp  s15issi w15 uas400 income from soc sec ssi sp  h12ifssi w12 uas24 household income from ssi-imp flag  h13ifssi w14 uas189 household income from ssi-imp flag  h14ifssi w15 uas400 household income from ssi-imp flag  h15ifssi w15 uas400 household income from ssi-imp flag   | s13ifsdi  | w13 uas99 income from soc sec disability sp-imp flag          |
| r12issi w12 uas24 income from soc sec ssi r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w15 uas400 income from soc sec ssi sp h12ifssi w14 uas189 household income from ssi-imp flag h13ifssi w14 uas189 household income from ssi-imp flag h14ifssi w15 uas400 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag  | s14ifsdi  | w14 uas189 income from soc sec disability sp-imp flag         |
| r13issi w13 uas99 income from soc sec ssi r14issi w14 uas189 income from soc sec ssi r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w12 uas24 household income from ssi-imp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag   | s15ifsdi  | w15 uas400 income from soc sec disability sp-imp flag         |
| r14issi w14 uas189 income from soc sec ssi  r15issi w15 uas400 income from soc sec ssi  s12issi w12 uas24 income from soc sec ssi sp  s13issi w13 uas99 income from soc sec ssi sp  s14issi w14 uas189 income from soc sec ssi sp  s15issi w15 uas400 income from soc sec ssi sp  h12ifssi w12 uas24 household income from ssi-imp flag  h13ifssi w13 uas99 household income from ssi-imp flag  h14ifssi w14 uas189 household income from ssi-imp flag  h15ifssi w15 uas400 household income from ssi-imp flag  | r12issi   | w12 uas24 income from soc sec ssi                             |
| r15issi w15 uas400 income from soc sec ssi s12issi w12 uas24 income from soc sec ssi sp s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w12 uas24 household income from ssi-imp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag  | r13issi   | w13 uas99 income from soc sec ssi                             |
| s12issi w12 uas24 income from soc sec ssi sp  s13issi w13 uas99 income from soc sec ssi sp  s14issi w14 uas189 income from soc sec ssi sp  s15issi w15 uas400 income from soc sec ssi sp  h12ifssi w12 uas24 household income from ssi-imp flag  h13ifssi w13 uas99 household income from ssi-imp flag  h14ifssi w14 uas189 household income from ssi-imp flag  h15ifssi w15 uas400 household income from ssi-imp flag  | r14issi   | w14 uas189 income from soc sec ssi                            |
| s13issi w13 uas99 income from soc sec ssi sp s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w12 uas24 household income from ssi-imp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag  | r15issi   | w15 uas400 income from soc sec ssi                            |
| s14issi w14 uas189 income from soc sec ssi sp s15issi w15 uas400 income from soc sec ssi sp h12ifssi w12 uas24 household income from ssi-imp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag   | s12issi   | w12 uas24 income from soc sec ssi sp                          |
| s15issi w15 uas400 income from soc sec ssi sp h12ifssi w12 uas24 household income from ssi-imp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag   | s13issi   | w13 uas99 income from soc sec ssi sp                          |
| h12ifssi w12 uas24 household income from ssi-imp flag h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag   | s14issi   | w14 uas189 income from soc sec ssi sp                         |
| h13ifssi w13 uas99 household income from ssi-imp flag h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag   | s15issi   | w15 uas400 income from soc sec ssi sp                         |
| h14ifssi w14 uas189 household income from ssi-imp flag h15ifssi w15 uas400 household income from ssi-imp flag   | h12ifssi  | w12 uas24 household income from ssi-imp flag                  |
| h15ifssi w15 uas400 household income from ssi-imp flag  | h13ifssi  | w13 uas99 household income from ssi-imp flag                  |
| i i   | h14ifssi  | w14 uas189 household income from ssi-imp flag                 |
| r12isret w12 uas24 income from soc sec retirement   | h15ifssi  | w15 uas400 household income from ssi-imp flag                 |
|   | r12isret  | w12 uas24 income from soc sec retirement                      |

| r13isret  | w13 uas99 income from soc sec retirement                     |
|-----------|--|
| r14isret  | w14 uas189 income from soc sec retirement                    |
| r15isret  | w15 uas400 income from soc sec retirement                    |
| r12ifsret | w12 uas24 income from soc sec retirement-imp flag            |
| r13ifsret | w13 uas99 income from soc sec retirement-imp flag            |
| r14ifsret | w14 uas189 income from soc sec retirement-imp flag           |
| r15ifsret | w15 uas400 income from soc sec retirement-imp flag           |
| s12isret  | w12 uas24 income from soc sec retirement sp                  |
| s13isret  | w13 uas99 income from soc sec retirement sp                  |
| s14isret  | w14 uas189 income from soc sec retirement sp                 |
| s15isret  | w15 uas400 income from soc sec retirement sp                 |
| s12ifsret | w12 uas24 income from soc sec retirement sp-imp flag         |
| s13ifsret | w13 uas99 income from soc sec retirement sp-imp flag         |
| s14ifsret | w14 uas189 income from soc sec retirement sp-imp flag        |
| s15ifsret | w15 uas400 income from soc sec retirement sp-imp flag        |
| r12iunwc  | w12 uas24 unemployment and workers compensation              |
| r13iunwc  | w13 uas99 unemployment and workers compensation              |
| r14iunwc  | w14 uas189 unemployment and workers compensation             |
| r15iunwc  | w15 uas400 unemployment and workers compensation             |
| r12ifunwc | w12 uas24 unemployment and workers compensation-imp flag     |
| r13ifunwc | w13 uas99 unemployment and workers compensation-imp flag     |
| r14ifunwc | w14 uas189 unemployment and workers compensation-imp flag    |
| r15ifunwc | w15 uas400 unemployment and workers compensation-imp flag    |
| s12iunwc  | w12 uas24 unemployment and workers compensation sp           |
| s13iunwc  | w13 uas99 unemployment and workers compensation sp           |
| s14iunwc  | w14 uas189 unemployment and workers compensation sp          |
| s15iunwc  | w15 uas400 unemployment and workers compensation sp          |
| s12ifunwc | w12 uas24 unemployment and workers compensation sp-imp flag  |
| s13ifunwc | w13 uas99 unemployment and workers compensation sp-imp flag  |
| s14ifunwc | w14 uas189 unemployment and workers compensation sp-imp flag |
|           |  |

| s15ifunwc | w15 uas400 unemployment and workers compensation sp-imp flag |
|-----------|--|
|           |  |
| r12iunem  | w12 uas24 unemployment                                       |
| r13iunem  | w13 uas99 unemployment                                       |
| r14iunem  | w14 uas189 unemployment                                      |
| r15iunem  | w15 uas400 unemployment                                      |
| r12ifunem | w12 uas24 unemployment-imp flag                              |
| r13ifunem | w13 uas99 unemployment-imp flag                              |
| r14ifunem | w14 uas189 unemployment-imp flag                             |
| r15ifunem | w15 uas400 unemployment-imp flag                             |
| s12iunem  | w12 uas24 unemployment sp                                    |
| s13iunem  | w13 uas99 unemployment sp                                    |
| s14iunem  | w14 uas189 unemployment sp                                   |
| s15iunem  | w15 uas400 unemployment sp                                   |
| s12ifunem | w12 uas24 unemployment sp-imp flag                           |
| s13ifunem | w13 uas99 unemployment sp-imp flag                           |
| s14ifunem | w14 uas189 unemployment sp-imp flag                          |
| s15ifunem | w15 uas400 unemployment sp-imp flag                          |
| r12iwcmp  | w12 uas24 workers compensation                               |
| r13iwcmp  | w13 uas99 workers compensation                               |
| r14iwcmp  | w14 uas189 workers compensation                              |
| r15iwcmp  | w15 uas400 workers compensation                              |
| r12ifwcmp | w12 uas24 workers compensation-imp flag                      |
| r13ifwcmp | w13 uas99 workers compensation-imp flag                      |
| r14ifwcmp | w14 uas189 workers compensation-imp flag                     |
| r15ifwcmp | w15 uas400 workers compensation-imp flag                     |
| s12iwcmp  | w12 uas24 workers compensation sp                            |
| s13iwcmp  | w13 uas99 workers compensation sp                            |
| s14iwcmp  | w14 uas189 workers compensation sp                           |
| s15iwcmp  | w15 uas400 workers compensation sp                           |
| s12ifwcmp | w12 uas24 workers compensation sp-imp flag                   |
|           |  |

| s13ifwcmp | w13 uas99 workers compensation sp-imp flag                    |
|-----------|---|
| s14ifwcmp | w14 uas189 workers compensation sp-imp flag                   |
| s15ifwcmp | w15 uas400 workers compensation sp-imp flag                   |
| r12igxfr  | w12 uas24 income from other government transfers              |
| r13igxfr  | w13 uas99 income from other government transfers              |
| r14igxfr  | w14 uas189 income from other government transfers             |
| r15igxfr  | w15 uas400 income from other government transfers             |
| r12ifgxfr | w12 uas24 income from other government transfers-imp flag     |
| r13ifgxfr | w13 uas99 income from other government transfers-imp flag     |
| r14ifgxfr | w14 uas189 income from other government transfers-imp flag    |
| r15ifgxfr | w15 uas400 income from other government transfers-imp flag    |
| s12igxfr  | w12 uas24 income from other government transfers sp           |
| s13igxfr  | w13 uas99 income from other government transfers sp           |
| s14igxfr  | w14 uas189 income from other government transfers sp          |
| s15igxfr  | w15 uas400 income from other government transfers sp          |
| s12ifgxfr | w12 uas24 income from other government transfers sp-imp flag  |
| s13ifgxfr | w13 uas99 income from other government transfers sp-imp flag  |
| s14ifgxfr | w14 uas189 income from other government transfers sp-imp flag |
| s15ifgxfr | w15 uas400 income from other government transfers sp-imp flag |
| h12iothr  | w12 uas24 all other household income                          |
| h13iothr  | w13 uas99 all other household income                          |
| h14iothr  | w14 uas189 all other household income                         |
| h15iothr  | w15 uas400 all other household income                         |
| h12ifothr | w12 uas24 all other household income-imp flag                 |
| h13ifothr | w13 uas99 all other household income-imp flag                 |
| h14ifothr | w14 uas189 all other household income-imp flag                |
| h15ifothr | w15 uas400 all other household income-imp flag                |
| h12itot   | w12 uas24 total household income (respondent & spouse)        |
| h13itot   | w13 uas99 total household income (respondent & spouse)        |
| h14itot   | w14 uas189 total household income (respondent & spouse)       |
|           |   |

| h15itot  | w15 uas400 total household income (respondent & spouse)          |
|----------|--|
| h12iftot | w12 uas24 total household income (respondent & spouse)-imp flag  |
| h13iftot | w13 uas99 total household income (respondent & spouse)-imp flag  |
| h14iftot | w14 uas189 total household income (respondent & spouse)-imp flag |
| h15iftot | w15 uas400 total household income (respondent & spouse)-imp flag |

Table A.3 Demographic and Survey Information Variables included in the Comprehensive File from UAS HRS and non-HRS Surveys

| Variable Name          | Variable Label   |
|------------------------|--|
| Demographic Variables: |  |
| rabyear                | MyHH Respondent birth year   |
| r12mstat               | w12 MyHH respondent marital status   |
| r13mstat               | w13 MyHH respondent marital status   |
| r14mstat               | w14 MyHH respondent marital status   |
| r15mstat               | w15 MyHH respondent marital status   |
| r12agey_b              | w12 MyHH respondent age at time of first survey in wave sequence           |
| r13agey_b              | w13 MyHH respondent age at time of first survey in wave sequence           |
| r14agey_b              | w14 MyHH respondent age at time of first survey in wave sequence           |
| r15agey_b              | w15 MyHH respondent age at time of first survey in wave sequence           |
| r12agey_e              | w12 MyHH respondent age at time of last completed survey in wave sequence  |
| r13agey_e              | w13 MyHH respondent age at time of last completed survey in wave sequence  |
| r14agey_e              | w14 r MyHH espondent age at time of last completed survey in wave sequence |
| r15agey_e              | w15 r MyHH espondent age at time of last completed survey in wave sequence |
| s12agey_b              | w12 respondent's spouse age at time of first hrs survey                    |
| s13agey_b              | w13 respondent's spouse age at time of first hrs survey                    |
| s14agey_b              | w14 respondent's spouse age at time of first hrs survey                    |
| s15agey_b              | w15 respondent's spouse age at time of first hrs survey                    |
| ragender               | MyHH Respondent gender   |
| rarace                 | MyHH Respondent race   |
| r12educ                | w12 MyHH respondent highest level of education achieved                    |
| r13educ                | w13 MyHH respondent highest level of education achieved                    |
| r14educ                | w14 MyHH respondent highest level of education achieved                    |
| r15educ                | w15 MyHH respondent highest level of education achieved                    |

| rarelig           | hrs demog: Respondent religion            |
|-------------------|---|
| ravetrn           | hrs demog: Respondent veteran             |
| r12final_weight   | w12 Relative post-stratification weight   |
| r13final_weight   | w13 Relative post-stratification weight   |
| r14final_weight   | w14 Relative post-stratification weight   |
| r15final_weight   | w15 Relative post-stratification weight   |
| rahispanic        | MyHH Respondent hispanic origin           |
| rabornus          | MyHH Born in the US                       |
| racountryborn     | MyHH Country respondent born              |
| racountryborn_oth | MyHH Specified country resp born          |
| r12citizenus      | w12 MyHH respondent US citizenship        |
| r13citizenus      | w13 MyHH respondent US citizenship        |
| r14citizenus      | w14 MyHH respondent US citizenship        |
| r15citizenus      | w15 MyHH respondent US citizenship        |
| r12tabletprovide  | w12 MyHH whether tablet provided          |
| r13tabletprovide  | w13 MyHH whether tablet provided          |
| r14tabletprovide  | w14 MyHH whether tablet provided          |
| r15tabletprovide  | w15 MyHH whether tablet provided          |
| raimmstat         | MyHH Respondent immigrant status          |
| r12laborstatus    | w12 MyHH respondent labor force status    |
| r13laborstatus    | w13 MyHH respondent labor force status    |
| r14laborstatus    | w14 MyHH respondent labor force status    |
| r15laborstatus    | w15 MyHH respondent labor force status    |
| r12livewpartner   | w12 MyHH whether resp living with partner |
| r13livewpartner   | w13 MyHH whether resp living with partner |
| r14livewpartner   | w14 MyHH whether resp living with partner |
| r15livewpartner   | w15 MyHH whether resp living with partner |
| raprimresp        | MyHH Whether primary resp or added member |
| rasampletype      | MyHH Respondent sample type               |
| rastateborn       | MyHH State born - FIPS coding             |

| r12stateres       | w12 MyHH state residing - FIPS coding                                   |
|-------------------|---|
| r13stateres       | w13 MyHH state residing - FIPS coding                                   |
| r14stateres       | w14 MyHH state residing - FIPS coding                                   |
| r15stateres       | w15 MyHH state residing - FIPS coding                                   |
| r12hhmembernumber | w12 MyHH number of household members besides the respondent             |
| r13hhmembernumber | w13 MyHH number of household members besides the respondent             |
| r14hhmembernumber | w14 MyHH number of household members besides the respondent             |
| r15hhmembernumber | w15 MyHH number of household members besides the respondent             |
| r12uasmembers     | w12 MyHH number of other uas hh members                                 |
| r13uasmembers     | w13 MyHH number of other uas hh members                                 |
| r14uasmembers     | w14 MyHH number of other uas hh members                                 |
| r15uasmembers     | w15 MyHH number of other uas hh members                                 |
| h12cpl            | w12 whether HH is a couple (married/partnered)for HRS participants only |
| h13cpl            | w13 whether HH is a couple (married/partnered)for HRS participants only |
| h14cpl            | w14 whether HH is a couple (married/partnered)for HRS participants only |
| h15cpl            | w15 whether HH is a couple (married/partnered)for HRS participants only |
| r12mrct           | w12 uas20 r # marriages   |
| r13mrct           | w13 uas95 r # marriages   |
| r14mrct           | w14 uas185 r # marriages  |
| r15mrct           | w15 uas396 r # marriages  |
| r12mnev           | w12 uas20 r never married   |
| r13mnev           | w13 uas95 r never married   |
| r14mnev           | w14 uas185 r never married  |
| r15mnev           | w15 uas396 r never married  |
| r12mdiv           | w12 uas20 r # times divorced  |
| r13mdiv           | w13 uas95 r # times divorced  |
| r14mdiv           | w14 uas185 r # times divorced   |
| r15mdiv           | w15 uas396 r # times divorced   |
| r12mwid           | w12 uas20 r # times widowed   |
| r13mwid           | w13 uas95 r # times widowed   |

| r14mwid                 | w14 uas185 r # times widowed  |
|-------------------------|---|
| r15mwid                 | w15 uas396 r # times widowed  |
| r12mend                 | w12 uas20 r # times did not report what caused the marriage to end                |
| r13mend                 | w13 uas95 r # times did not report what caused the marriage to end                |
| r14mend                 | w14 uas185 r # times did not report what caused the marriage to end               |
| r15mend                 | w15 uas396 r # times did not report what caused the marriage to end               |
| r12mcurln               | w12 uas20 r length of current marriage in years                                   |
| r13mcurln               | w13 uas95 r length of current marriage in years                                   |
| r14mcurln               | w14 uas185 r length of current marriage in years                                  |
| r15mcurln               | w15 uas396 r length of current marriage in years                                  |
| r12mlen                 | w12 uas20 r length of longest marriage in years                                   |
| r13mlen                 | w13 uas95 r length of longest marriage in years                                   |
| r14mlen                 | w14 uas185 r length of longest marriage in years                                  |
| r15mlen                 | w15 uas396 r length of longest marriage in years                                  |
| r12mlenm                | w12 uas20 r # marriage lengths missing  |
| r13mlenm                | w13 uas95 r # marriage lengths missing  |
| r14mlenm                | w14 uas185 r # marriage lengths missing   |
| r15mlenm                | w15 uas396 r # marriage lengths missing   |
| UAS Survey Info Variabl | es:   |
| uasid                   | Individual identifier   |
| uashhid                 | Original household identifier   |
| in_all                  | whether Respondent completed at least one wave for each of the 12 studies         |
| inmyhh                  | whether Respondent completed My Household survey (should = 1 for all Respondents) |
| inwave12                | w12 indicates Respondent completed at least 1 UAS survey in wave                  |
| inwave13                | w13 indicates Respondent completed at least 1 UAS survey in wave                  |
| inwave14                | w14 indicates Respondent completed at least 1 UAS survey in wave                  |
| inwave15                | w15 indicates Respondent completed at least 1 UAS survey in wave                  |
| inhrs12                 | w12 Indicates Respondent completed at least 1 Wave 12 UAS HRS survey (UAS20-25)   |

| inhrs13 | w13 Indicates Respondent completed at least 1 Wave 13 UAS HRS survey (UAS95-100)  |
|---------|---|
| inhrs14 | w14 Indicates Respondent completed at least 1 Wave 14 UAS HRS survey (UAS185-190) |
| inhrs15 | w15 Indicates Respondent completed at least 1 Wave 15 UAS HRS survey (UAS396-401) |
| in_p12  | w12 whether Respondent completed Comprehensive File Topic P                       |
| in_p13  | w13 whether Respondent completed Comprehensive File Topic P                       |
| in_p14  | w14 whether Respondent completed Comprehensive File Topic P                       |
| in_p15  | w15 whether Respondent completed Comprehensive File Topic P                       |
| in_w12  | w12 whether Respondent completed Comprehensive File Topic W                       |
| in_w13  | w13 whether Respondent completed Comprehensive File Topic W                       |
| in_w14  | w14 whether Respondent completed Comprehensive File Topic W                       |
| in_w15  | w15 whether Respondent completed Comprehensive File Topic W                       |
| in_k12  | w12 whether Respondent completed Comprehensive File Topic K                       |
| in_k13  | w13 whether Respondent completed Comprehensive File Topic K                       |
| in_k14  | w14 whether Respondent completed Comprehensive File Topic K                       |
| in_k15  | w15 whether Respondent completed Comprehensive File Topic K                       |
| in_f12  | w12 whether Respondent completed Comprehensive File Topic F                       |
| in_f13  | w13 whether Respondent completed Comprehensive File Topic F                       |
| in_f14  | w14 whether Respondent completed Comprehensive File Topic F                       |
| in_f15  | w15 whether Respondent completed Comprehensive File Topic F                       |
| in_i12  | w12 whether Respondent completed Comprehensive File Topic I                       |
| in_i13  | w13 whether Respondent completed Comprehensive File Topic I                       |
| in_i14  | w14 whether Respondent completed Comprehensive File Topic I                       |
| in_i15  | w15 whether Respondent completed Comprehensive File Topic I                       |
| in_c12  | w12 whether Respondent completed Comprehensive File Topic C                       |
| in_c13  | w13 whether Respondent completed Comprehensive File Topic C                       |
| in_c14  | w14 whether Respondent completed Comprehensive File Topic C                       |
| in_n12  | w12 whether Respondent completed Comprehensive File Topic N                       |
| in_n13  | w13 whether Respondent completed Comprehensive File Topic N                       |

| in_n14   | w14 whether Respondent completed Comprehensive File Topic N |
|----------|---|
| in_n15   | w15 whether Respondent completed Comprehensive File Topic N |
| in_v12   | w12 whether Respondent completed Comprehensive File Topic V |
| in_v13   | w13 whether Respondent completed Comprehensive File Topic V |
| in_v14   | w14 whether Respondent completed Comprehensive File Topic V |
| in_v15   | w15 whether Respondent completed Comprehensive File Topic V |
| in_a12   | w12 whether Respondent completed Comprehensive File Topic A |
| in_a13   | w13 whether Respondent completed Comprehensive File Topic A |
| in_a14   | w14 whether Respondent completed Comprehensive File Topic A |
| in_a15   | w15 whether Respondent completed Comprehensive File Topic A |
| in_d14   | w14 whether Respondent completed Comprehensive File Topic D |
| inuas20  | w12 indicates Respondent completed UAS20 HRS survey         |
| inuas21  | w12 indicates Respondent completed UAS21 HRS survey         |
| inuas22  | w12 indicates Respondent completed UAS22 HRS survey         |
| inuas23  | w12 indicates Respondent completed UAS23 HRS survey         |
| inuas24  | w12 indicates Respondent completed UAS24 HRS survey         |
| inuas25  | w12 indicates Respondent completed UAS25 HRS survey         |
| inuas95  | w13 indicates Respondent completed UAS95 HRS survey         |
| inuas96  | w13 indicates Respondent completed UAS96 HRS survey         |
| inuas97  | w13 indicates Respondent completed UAS97 HRS survey         |
| inuas98  | w13 indicates Respondent completed UAS98 HRS survey         |
| inuas99  | w13 indicates Respondent completed UAS99 HRS survey         |
| inuas100 | w13 indicates Respondent completed UAS100 HRS survey        |
| inuas185 | w14 Indicates if Respondent completed UAS185 HRS survey     |
| inuas186 | w14 Indicates if Respondent completed UAS186 HRS survey     |
| inuas187 | w14 Indicates if Respondent completed UAS187 HRS survey     |
| inuas188 | w14 Indicates if Respondent completed UAS188 HRS survey     |
| inuas189 | w14 Indicates if Respondent completed UAS189 HRS survey     |
| inuas190 | w14 Indicates if Respondent completed UAS190 HRS survey     |
| inuas396 | w15 Indicates if Respondent completed UAS396 HRS survey     |

| Inuas397   w15 Indicates if Respondent completed UAS397 HRS survey   Inuas398   w15 Indicates if Respondent completed UAS398 HRS survey   inuas399   w15 Indicates if Respondent completed UAS399 HRS survey   inuas400   w15 Indicates if Respondent completed UAS400 HRS survey   inuas401   w15 Indicates if Respondent completed UAS401 HRS survey   inuas1   indicates Respondent completed UAS 1 survey   inuas2   indicates Respondent completed UAS 2 survey   inuas16   indicates Respondent completed UAS 16 survey   inuas18   indicates Respondent completed UAS 18 survey   inuas26   indicates Respondent completed UAS 18 survey   inuas28   indicates Respondent completed UAS 26 survey   inuas42   indicates Respondent completed UAS 38 survey   inuas42   indicates Respondent completed UAS 42 survey   inuas43   indicates Respondent completed UAS 43 survey   inuas44   indicates Respondent completed UAS 43 survey   inuas48   indicates Respondent completed UAS 83 survey   inuas84   indicates Respondent completed UAS 84 survey   inuas85   indicates Respondent completed UAS 84 survey   inuas85   indicates Respondent completed UAS 84 survey   inuas94   indicates Respondent completed UAS 94 survey   inuas113   indicates Respondent completed UAS 113 survey   inuas119   indicates Respondent completed UAS 119 survey   inuas121   indicates Respondent completed UAS 121 survey   inuas221   indicates Respondent completed UAS 231 survey   inuas231   indicates Respondent completed UAS 231 survey   inuas237   indicates Respondent completed UAS 233 survey   inuas238   indicates Respondent completed UAS 239 survey   inuas239   indicates Respondent completed UAS 292 survey   inuas292   indicates Respondent completed UAS 293 survey   inuas293   indicates Respondent completed UAS 294 survey   inuas294   indicates Respondent completed UAS 293 survey   inuas294   indicates Respondent completed UAS 294 survey   inuas294   indicates Respondent completed UAS 294 survey   inuas294   indicates Respondent completed UAS 294 survey   inuas294   indicates R |          |   |
|--|----------|---|
| inuas399 w15 Indicates if Respondent completed UAS399 HRS survey inuas400 w15 Indicates if Respondent completed UAS400 HRS survey inuas401 w15 Indicates if Respondent completed UAS401 HRS survey inuas1 indicates Respondent completed UAS 1 survey inuas2 indicates Respondent completed UAS 2 survey inuas16 indicates Respondent completed UAS 16 survey inuas18 indicates Respondent completed UAS 18 survey inuas26 indicates Respondent completed UAS 26 survey inuas38 indicates Respondent completed UAS 26 survey inuas42 indicates Respondent completed UAS 38 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondent completed UAS 44 survey inuas83 indicates Respondent completed UAS 44 survey inuas84 indicates Respondent completed UAS 83 survey inuas85 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 84 survey inuas113 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 111 survey inuas121 indicates Respondent completed UAS 121 survey inuas121 indicates Respondent completed UAS 121 survey inuas231 indicates Respondent completed UAS 231 survey inuas231 indicates Respondent completed UAS 231 survey inuas233 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas239 indicates Respondent completed UAS 239 survey inuas293 indicates Respondent completed UAS 293 survey inuas293 indicates Respondent completed UAS 293 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas397 | w15 Indicates if Respondent completed UAS397 HRS survey |
| inuas400 w15 Indicates if Respondent completed UAS400 HRS survey inuas401 w15 Indicates if Respondent completed UAS401 HRS survey inuas1 indicates Respondent completed UAS 1 survey inuas2 indicates Respondent completed UAS 2 survey inuas16 indicates Respondent completed UAS 16 survey inuas18 indicates Respondent completed UAS 18 survey inuas26 indicates Respondent completed UAS 26 survey inuas38 indicates Respondent completed UAS 38 survey inuas42 indicates Respondent completed UAS 42 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondent completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas86 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas231 indicates Respondent completed UAS 231 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 238 survey inuas238 indicates Respondent completed UAS 239 survey inuas239 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas398 | w15 Indicates if Respondent completed UAS398 HRS survey |
| inuas401 w15 Indicates if Respondent completed UAS401 HRS survey inuas2 indicates Respondent completed UAS 1 survey inuas2 indicates Respondent completed UAS 2 survey inuas16 indicates Respondent completed UAS 16 survey inuas18 indicates Respondent completed UAS 18 survey inuas26 indicates Respondent completed UAS 26 survey inuas38 indicates Respondent completed UAS 38 survey inuas42 indicates Respondent completed UAS 42 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondents completed UAS 43 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 94 survey inuas119 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 121 survey inuas121 indicates Respondent completed UAS 121 survey inuas231 indicates Respondent completed UAS 231 survey inuas231 indicates Respondent completed UAS 237 survey inuas237 indicates Respondent completed UAS 238 survey inuas238 indicates Respondent completed UAS 239 survey inuas239 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas399 | w15 Indicates if Respondent completed UAS399 HRS survey |
| inuas1 indicates Respondent completed UAS 1 survey inuas2 indicates Respondent completed UAS 2 survey inuas16 indicates Respondent completed UAS 16 survey inuas18 indicates Respondent completed UAS 18 survey inuas26 indicates Respondent completed UAS 26 survey inuas38 indicates Respondent completed UAS 38 survey inuas42 indicates Respondent completed UAS 42 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondent completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas113 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas231 indicates Respondent completed UAS 237 survey inuas237 indicates Respondent completed UAS 238 survey inuas238 indicates Respondent completed UAS 239 survey inuas239 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas400 | w15 Indicates if Respondent completed UAS400 HRS survey |
| inuas16  | inuas401 | w15 Indicates if Respondent completed UAS401 HRS survey |
| inuas16 indicates Respondent completed UAS 16 survey inuas18 indicates Respondent completed UAS 18 survey inuas26 indicates Respondent completed UAS 26 survey inuas38 indicates Respondent completed UAS 38 survey inuas42 indicates Respondent completed UAS 42 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondents completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 121 survey inuas231 indicates Respondent completed UAS 231 survey inuas231 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas1   | indicates Respondent completed UAS 1 survey             |
| inuas18 indicates Respondent completed UAS 18 survey inuas26 indicates Respondent completed UAS 26 survey inuas38 indicates Respondent completed UAS 38 survey inuas42 indicates Respondent completed UAS 42 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondents completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 121 survey inuas231 indicates Respondent completed UAS 231 survey inuas231 indicates Respondent completed UAS 231 survey inuas233 indicates Respondent completed UAS 238 survey inuas238 indicates Respondent completed UAS 239 survey inuas239 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas2   | indicates Respondent completed UAS 2 survey             |
| inuas26 indicates Respondent completed UAS 26 survey inuas38 indicates Respondent completed UAS 38 survey inuas42 indicates Respondent completed UAS 42 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondents completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 292 survey inuas292 indicates Respondent completed UAS 293 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas16  | indicates Respondent completed UAS 16 survey            |
| inuas38 indicates Respondent completed UAS 38 survey inuas42 indicates Respondent completed UAS 42 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondents completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 292 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas18  | indicates Respondent completed UAS 18 survey            |
| inuas42 indicates Respondent completed UAS 42 survey inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondents completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas26  | indicates Respondent completed UAS 26 survey            |
| inuas43 indicates Respondent completed UAS 43 survey inuas44 indicates Respondents completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 293 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas38  | indicates Respondent completed UAS 38 survey            |
| inuas44 indicates Respondents completed UAS 44 survey inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas42  | indicates Respondent completed UAS 42 survey            |
| inuas83 indicates Respondent completed UAS 83 survey inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas43  | indicates Respondent completed UAS 43 survey            |
| inuas84 indicates Respondent completed UAS 84 survey inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas44  | indicates Respondents completed UAS 44 survey           |
| inuas85 indicates Respondent completed UAS 85 survey inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas83  | indicates Respondent completed UAS 83 survey            |
| inuas94 indicates Respondent completed UAS 94 survey inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas84  | indicates Respondent completed UAS 84 survey            |
| inuas113 indicates Respondent completed UAS 113 survey inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas85  | indicates Respondent completed UAS 85 survey            |
| inuas119 indicates Respondent completed UAS 119 survey inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas94  | indicates Respondent completed UAS 94 survey            |
| inuas121 indicates Respondent completed UAS 121 survey inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas113 | indicates Respondent completed UAS 113 survey           |
| inuas177 indicates Respondent completed UAS 177 survey inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas119 | indicates Respondent completed UAS 119 survey           |
| inuas231 indicates Respondent completed UAS 231 survey inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas121 | indicates Respondent completed UAS 121 survey           |
| inuas237 indicates Respondent completed UAS 237 survey inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas177 | indicates Respondent completed UAS 177 survey           |
| inuas238 indicates Respondent completed UAS 238 survey inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas231 | indicates Respondent completed UAS 231 survey           |
| inuas239 indicates Respondent completed UAS 239 survey inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey   | inuas237 | indicates Respondent completed UAS 237 survey           |
| inuas292 indicates Respondent completed UAS 292 survey inuas293 indicates Respondent completed UAS 293 survey  | inuas238 | indicates Respondent completed UAS 238 survey           |
| inuas293 indicates Respondent completed UAS 293 survey   | inuas239 | indicates Respondent completed UAS 239 survey           |
| · · · · · · · · · · · · · · · · · · ·  | inuas292 | indicates Respondent completed UAS 292 survey           |
| inuas294 indicates Respondent completed UAS 294 survey   | inuas293 | indicates Respondent completed UAS 293 survey           |
|  | inuas294 | indicates Respondent completed UAS 294 survey           |
| inuas322 indicates Respondent completed UAS 322 survey   | inuas322 | indicates Respondent completed UAS 322 survey           |

| inuas413       | indicates Respondent completed UAS 413 survey                  |
|----------------|--|
| inuas457       | indicates Respondent completed UAS 457 survey                  |
| inuas458       | indicates Respondent completed UAS 458 survey                  |
| inuas459       | indicates Respondent completed UAS 459 survey                  |
| inuas460       | indicates Respondent completed UAS 460 survey                  |
| inuas483       | indicates Respondent completed UAS 483 survey                  |
| inuas484       | indicates Respondent completed UAS 484 survey                  |
| inuas485       | indicates Respondent completed UAS 485 survey                  |
| r12iwbeg       | w12 date when respondent first completed an HRS survey in wave |
| r13iwbeg       | w13 date when respondent first completed an HRS survey in wave |
| r14iwbeg       | w14 date when respondent first completed an HRS survey in wave |
| r15iwbeg       | w15 date when respondent first completed an HRS survey in wave |
| r12iwend       | w12 date when respondent last completed an HRS survey in wave  |
| r13iwend       | w13 date when respondent last completed an HRS survey in wave  |
| r14iwend       | w14 date when respondent last completed an HRS survey in wave  |
| r15iwend       | w15 date when respondent last completed an HRS survey in wave  |
| r12_uas1iwbeg  | w12 uas1 interview start date                                  |
| r12_uas1iwend  | w12 uas1 interview completion date                             |
| r12_uas2iwbeg  | w12 uas2 interview start date                                  |
| r12_uas2iwend  | w12 uas2 interview completion date                             |
| r12_uas16iwbeg | w12 uas16 interview start date                                 |
| r12_uas16iwend | w12 uas16 interview completion date                            |
| r12_uas18iwbeg | w12 uas18 interview start date                                 |
| r12_uas18iwend | w12 uas18 interview completion date                            |
| r12_uas20iwbeg | w12 uas20 interview start date                                 |
| r12_uas20iwend | w12 uas20 interview completion date                            |
| r12_uas21iwbeg | w12 uas21 interview start date                                 |
| r12_uas21iwend | w12 uas21 interview completion date                            |
| r12_uas22iwbeg | w12 uas22 interview start date                                 |
| r12_uas22iwend | w12 uas22 interview completion date                            |

| r12_uas23iwbeg | w12 uas23 interview start date      |
|----------------|-------------------------------------|
| r12_uas23iwend | w12 uas23 interview completion date |
| r12_uas24iwbeg | w12 uas24 interview start date      |
| r12_uas24iwend | w12 uas24 interview completion date |
| r12_uas25iwbeg | w12 uas25 interview start date      |
| r12_uas25iwend | w12 uas25 interview completion date |
| r12_uas26iwbeg | w12 uas26 interview start date      |
| r12_uas26iwend | w12 uas26 interview completion date |
| r12_uas38iwbeg | w12 uas38 interview start date      |
| r12_uas38iwend | w12 uas38 interview completion date |
| r12_uas42iwbeg | w12 uas42 interview start date      |
| r12_uas42iwend | w12 uas42 interview completion date |
| r12_uas43iwbeg | w12 uas43 interview start date      |
| r12_uas43iwend | w12 uas43 interview completion date |
| r12_uas44iwbeg | w12 uas44 interview start date      |
| r12_uas44iwend | w12 uas44 interview completion date |
| r13_uas83iwbeg | w13 uas83 interview start date      |
| r13_uas83iwend | w13 uas83 interview completion date |
| r13_uas84iwbeg | w13 uas84 interview start date      |
| r13_uas84iwend | w13 uas84 interview completion date |
| r13_uas85iwbeg | w13 uas85 interview start date      |
| r13_uas85iwend | w13 uas85 interview completion date |
| r13_uas94iwbeg | w13 uas94 interview start date      |
| r13_uas94iwend | w13 uas94 interview completion date |
| r13_uas95iwbeg | w13 uas95 interview start date      |
| r13_uas95iwend | w13 uas95 interview completion date |
| r13_uas96iwbeg | w13 uas96 interview start date      |
| r13_uas96iwend | w13 uas96 interview completion date |
| r13_uas97iwbeg | w13 uas97 interview start date      |
| r13_uas97iwend | w13 uas97 interview completion date |
|                |                                     |

| r13_uas98iwbeg  | w13 uas98 interview start date       |
|-----------------|--------------------------------------|
| r13_uas98iwend  | w13 uas98 interview completion date  |
| r13_uas99iwbeg  | w13 uas99 interview start date       |
| r13_uas99iwend  | w13 uas99 interview completion date  |
| r13_uas100iwbeg | w13 uas100 interview start date      |
| r13_uas100iwend | w13 uas100 interview completion date |
| r13_uas113iwbeg | w13 uas113 interview start date      |
| r13_uas113iwend | w13 uas113 interview completion date |
| r13_uas119iwbeg | w13 uas119 interview start date      |
| r13_uas119iwend | w13 uas119 interview completion date |
| r13_uas121iwbeg | w13 uas121 interview start date      |
| r13_uas121iwend | w13 uas121 interview completion date |
| r13_uas177iwbeg | w13 uas177 interview start date      |
| r13_uas177iwend | w13 uas177 interview completion date |
| r14_uas185iwbeg | w14 uas185 interview start date      |
| r14_uas185iwend | w14 uas185 interview completion date |
| r14_uas186iwbeg | w14 uas186 interview start date      |
| r14_uas186iwend | w14 uas186 interview completion date |
| r14_uas187iwbeg | w14 uas187 interview start date      |
| r14_uas187iwend | w14 uas187 interview completion date |
| r14_uas188iwbeg | w14 uas188 interview start date      |
| r14_uas188iwend | w14 uas188 interview completion date |
| r14_uas189iwbeg | w14 uas189 interview start date      |
| r14_uas189iwend | w14 uas189 interview completion date |
| r14_uas190iwbeg | w14 uas190 interview start date      |
| r14_uas190iwend | w14 uas190 interview completion date |
| r14_uas231iwbeg | w14 uas231 interview start date      |
| r14_uas231iwend | w14 uas231 interview end date        |
| r14_uas237iwbeg | w14 uas237 interview start date      |
| r14_uas237iwend | w14 uas237 interview end date        |

| r14_uas238iwbeg | w14 uas238 interview start date |
|-----------------|---------------------------------|
| r14_uas238iwend | w14 uas238 interview end date   |
| r14_uas239iwbeg | w14 uas239 interview start date |
| r14_uas239iwend | w14 uas239 interview end date   |
| r14_uas292iwbeg | w14 uas292 interview start date |
| r14_uas292iwend | w14 uas292 interview end date   |
| r14_uas293iwbeg | w14 uas293 interview start date |
| r14_uas293iwend | w14 uas293 interview end date   |
| r14_uas294iwbeg | w14 uas294 interview start date |
| r14_uas294iwend | w14 uas294 interview end date   |
| r14_uas322iwbeg | w14 uas322 interview start date |
| r14_uas322iwend | w14 uas322 interview end date   |
| r14_uas413iwbeg | w14 uas413 interview start date |
| r14_uas413iwend | w14 uas413 interview end date   |
| r15_uas396iwbeg | w15 uas396 interview start date |
| r15_uas396iwend | w15 uas396 interview end date   |
| r15_uas397iwbeg | w15 uas397 interview start date |
| r15_uas397iwend | w15 uas397 interview end date   |
| r15_uas398iwbeg | w15 uas398 interview start date |
| r15_uas398iwend | w15 uas398 interview end date   |
| r15_uas399iwbeg | w15 uas399 interview start date |
| r15_uas399iwend | w15 uas399 interview end date   |
| r15_uas400iwbeg | w15 uas400 interview start date |
| r15_uas400iwend | w15 uas400 interview end date   |
| r15_uas401iwbeg | w15 uas401 interview start date |
| r15_uas401iwend | w15 uas401 interview end date   |
| r15_uas457iwbeg | w15 uas457 interview start date |
| r15_uas457iwend | w15 uas457 interview end date   |
| r15_uas458iwbeg | w15 uas458 interview start date |
| r15_uas458iwend | w15 uas458 interview end date   |

| r15_uas459iwbeg | w15 uas459 interview start date |
|-----------------|---------------------------------|
| r15_uas459iwend | w15 uas459 interview end date   |
| r15_uas460iwbeg | w15 uas460 interview start date |
| r15_uas460iwend | w15 uas460 interview end date   |
| r15_uas483iwbeg | w15 uas483 interview start date |
| r15_uas483iwend | w15 uas483 interview end date   |
| r15_uas484iwbeg | w15 uas484 interview start date |
| r15_uas484iwend | w15 uas484 interview end date   |
| r15_uas485iwbeg | w15 uas485 interview start date |
| r15_uas485iwend | w15 uas485 interview end date   |

Table A.4 UAS HRS Health Variables included in the Comprehensive File

| Variable Name | Variable Label                          |
|---------------|---|
| r12shlt       | w12 uas20 self-report of health         |
| r13shlt       | w13 uas95 self-report of health         |
| r14shlt       | w14 uas185 self-report of health        |
| r15shlt       | w15 uas396 self-report of health        |
| r13shltc      | w13 uas95 change in self-reported hlth  |
| r14shltc      | w14 uas185 change in self-reported hlth |
| r15shltc      | w15 uas396 change in self-reported hlth |
| r13hltc       | w13 uas95 self-report of health change  |
| r14hltc       | w14 uas185 self-report of health change |
| r15hltc       | w15 uas396 self-report of health change |
| r13hltcf      | w13 uas95 flag self-report of hlth chg  |
| r14hltcf      | w14 uas185 flag self-report of hlth chg |
| r15hltcf      | w15 uas396 flag self-report of hlth chg |
| r12depres     | w12 uas20 cesd: felt depressed          |
| r13depres     | w13 uas95 cesd: felt depressed          |
| r14depres     | w14 uas185 cesd: felt depressed         |
| r15depres     | w15 uas396 cesd: felt depressed         |
| r12effort     | w12 uas20 cesd: everything an effort    |
| r13effort     | w13 uas95 cesd: everything an effort    |
| r14effort     | w14 uas185 cesd: everything an effort   |
| r15effort     | w15 uas396 cesd: everything an effort   |
| r12sleepr     | w12 uas20 cesd: sleep was restless      |
| r13sleepr     | w13 uas95 cesd: sleep was restless      |
| r14sleepr     | w14 uas185 cesd: sleep was restless     |
| r15sleepr     | w15 uas396 cesd: sleep was restless     |
| r12whappy     | w12 uas20 cesd: was happy               |
| r13whappy     | w13 uas95 cesd: was happy               |
| r14whappy     | w14 uas185 cesd: was happy              |

| r15whappy | w15 uas396 cesd: was happy                          |
|-----------|---|
| r12flone  | w12 uas20 cesd: felt lonely                         |
| r13flone  | w13 uas95 cesd: felt lonely                         |
| r14flone  | w14 uas185 cesd: felt lonely                        |
| r15flone  | w15 uas396 cesd: felt lonely                        |
| r12enlife | w12 uas20 cesd: enjoyed life                        |
| r13enlife | w13 uas95 cesd: enjoyed life                        |
| r14enlife | w14 uas185 cesd: enjoyed life                       |
| r15enlife | w15 uas396 cesd: enjoyed life                       |
| r12fsad   | w12 uas20 cesd: felt sad                            |
| r13fsad   | w13 uas95 cesd: felt sad                            |
| r14fsad   | w14 uas185 cesd: felt sad                           |
| r15fsad   | w15 uas396 cesd: felt sad                           |
| r12going  | w12 uas20 cesd: could not get going                 |
| r13going  | w13 uas95 cesd: could not get going                 |
| r14going  | w14 uas185 cesd: could not get going                |
| r15going  | w15 uas396 cesd: could not get going                |
| r12cesd   | w12 uas20 cesd score                                |
| r13cesd   | w13 uas95 cesd score                                |
| r14cesd   | w14 uas185 cesd score                               |
| r15cesd   | w15 uas396 cesd score                               |
| r12cesdm  | w12 uas20 missings in cesd score                    |
| r13cesdm  | w13 uas95 missings in cesd score                    |
| r14cesdm  | w14 uas185 missings in cesd score                   |
| r15cesdm  | w15 uas396 missings in cesd score                   |
| r12vgactx | w12 uas20 r freq vigorous phys activ {finer scale}  |
| r13vgactx | w13 uas95 r freq vigorous phys activ {finer scale}  |
| r14vgactx | w14 uas185 r freq vigorous phys activ {finer scale} |
| r15vgactx | w15 uas396 r freq vigorous phys activ {finer scale} |
| r12mdactx | w12 uas20 r freq moderate phys activ {finer scale}  |

| r13mdactx | w13 uas95 r freq moderate phys activ {finer scale}  |
|-----------|---|
| r14mdactx | w14 uas185 r freq moderate phys activ {finer scale} |
| r15mdactx | w15 uas396 r freq moderate phys activ {finer scale} |
| r12ltactx | w12 uas20 r freq light phys activ {finer scale}     |
| r13ltactx | w13 uas95 r freq light phys activ {finer scale}     |
| r14ltactx | w14 uas185 r freq light phys activ {finer scale}    |
| r15ltactx | w15 uas396 r freq light phys activ {finer scale}    |
| r12flusht | w12 uas20 prev flu shot                             |
| r13flusht | w13 uas95 prev flu shot                             |
| r14flusht | w14 uas185 prev flu shot                            |
| r15flusht | w15 uas396 prev flu shot                            |
| r12cholst | w12 uas20 prev cholesterol                          |
| r13cholst | w13 uas95 prev cholesterol                          |
| r14cholst | w14 uas185 prev cholesterol                         |
| r15cholst | w15 uas396 prev cholesterol                         |
| r12mammog | w12 uas20 prev mammogram                            |
| r13mammog | w13 uas95 prev mammogram                            |
| r14mammog | w14 uas185 prev mammogram                           |
| r15mammog | w15 uas396 prev mammogram                           |
| r12papsm  | w12 uas20 prev pap smear                            |
| r13papsm  | w13 uas95 prev pap smear                            |
| r14papsm  | w14 uas185 prev pap smear                           |
| r15papsm  | w15 uas396 prev pap smear                           |
| r12prost  | w12 uas20 prev prostate                             |
| r13prost  | w13 uas95 prev prostate                             |
| r14prost  | w14 uas185 prev prostate                            |
| r15prost  | w15 uas396 prev prostate                            |
| r12hlthlm | w12 uas22 hlth problems limit work                  |
| r13hlthlm | w13 uas97 hlth problems limit work                  |
| r14hlthlm | w14 uas187 hlth problems limit work                 |
|           | 1   |

| r15hlthlm | w15 uas398 hlth problems limit work   |
|-----------|---------------------------------------|
| r12bmi    | w12 uas20 body mass index=kg/m2       |
| r13bmi    | w13 uas95 body mass index=kg/m2       |
| r14bmi    | w14 uas185 body mass index=kg/m2      |
| r15bmi    | w15 uas396 body mass index=kg/m2      |
| r12height | w12 uas20 height in meters            |
| r13height | w13 uas95 height in meters            |
| r14height | w14 uas185 height in meters           |
| r15height | w15 uas396 height in meters           |
| r12weight | w12 uas20 weight in kilograms         |
| r13weight | w13 uas95 weight in kilograms         |
| r14weight | w14 uas185 weight in kilograms        |
| r15weight | w15 uas396 weight in kilograms        |
| r12back   | w12 uas20 r had back problems         |
| r13back   | w13 uas95 r had back problems         |
| r14back   | w14 uas185 r had back problems        |
| r15back   | w15 uas396 r had back problems        |
| r12drink  | w12 uas20 r ever drinks any alcohol   |
| r13drink  | w13 uas95 r ever drinks any alcohol   |
| r14drink  | w14 uas185 r ever drinks any alcohol  |
| r15drink  | w15 uas396 r ever drinks any alcohol  |
| r12drinkd | w12 uas20 r # days/week drinks        |
| r13drinkd | w13 uas95 r # days/week drinks        |
| r14drinkd | w14 uas185 r # days/week drinks       |
| r15drinkd | w15 uas396 r # days/week drinks       |
| r12drinkn | w12 uas20 r # drinks/day when drinks  |
| r13drinkn | w13 uas95 r # drinks/day when drinks  |
| r14drinkn | w14 uas185 r # drinks/day when drinks |
| r15drinkn | w15 uas396 r # drinks/day when drinks |
| r12smokev | w12 uas20 r smoke ever                |

| r13smokev | w13 uas95 r smoke ever                    |
|-----------|---|
| r14smokev | w14 uas185 r smoke ever                   |
| r15smokev | w15 uas396 r smoke ever                   |
| r12smoken | w12 uas20 r smokes now                    |
| r13smoken | w13 uas95 r smokes now                    |
| r14smoken | w14 uas185 r smokes now                   |
| r15smoken | w15 uas396 r smokes now                   |
| r13sleepe | w13 uas95 r ever had sleep disorder       |
| r14sleepe | w14 uas185 r ever had sleep disorder      |
| r15sleepe | w15 uas396 r ever had sleep disorder      |
| r12hibpq  | w12 uas20 q-wording high bp               |
| r13hibpq  | w13 uas95 q-wording high bp               |
| r14hibpq  | w14 uas185 q-wording high bp              |
| r15hibpq  | w15 uas396 q-wording high bp              |
| r12hibp   | w12 uas20 r reports high bp               |
| r13hibp   | w13 uas95 r reports high bp               |
| r14hibp   | w14 uas185 r reports high bp              |
| r15hibp   | w15 uas396 r reports high bp              |
| r12hibpe  | w12 uas20 r ever had high blood pressure  |
| r13hibpe  | w13 uas95 r ever had high blood pressure  |
| r14hibpe  | w14 uas185 r ever had high blood pressure |
| r15hibpe  | w15 uas396 r ever had high blood pressure |
| r13hibps  | w13 uas95 r had hi bp since last iw       |
| r14hibps  | w14 uas185 r had hi bp since last iw      |
| r15hibps  | w15 uas396 r had hi bp since last iw      |
| r12hibpf  | w12 uas20 flag dispute chg hi bp          |
| r13hibpf  | w13 uas95 flag dispute chg hi bp          |
| r14hibpf  | w14 uas185 flag dispute chg hi bp         |
| r15hibpf  | w15 uas396 flag dispute chg hi bp         |
| r12diabq  | w12 uas20 q-wording diabetes              |

| r12diaha  | w12 ussOF a wording dishetes            |
|-----------|---|
| r13diabq  | w13 uas95 q-wording diabetes            |
| r14diabq  | w14 uas185 q-wording diabetes           |
| r15diabq  | w15 uas396 q-wording diabetes           |
| r12diab   | w12 uas20 r reports diabetes            |
| r13diab   | w13 uas95 r reports diabetes            |
| r14diab   | w14 uas185 r reports diabetes           |
| r15diab   | w15 uas396 r reports diabetes           |
| r12diabe  | w12 uas20 r ever had diabetes           |
| r13diabe  | w13 uas95 r ever had diabetes           |
| r14diabe  | w14 uas185 r ever had diabetes          |
| r15diabe  | w15 uas396 r ever had diabetes          |
| r13diabs  | w13 uas95 r had diabetes since last iw  |
| r14diabs  | w14 uas185 r had diabetes since last iw |
| r15diabs  | w15 uas396 r had diabetes since last iw |
| r12diabf  | w12 uas20 flag dispute chg diabetes     |
| r13diabf  | w13 uas95 flag dispute chg diabetes     |
| r14diabf  | w14 uas185 flag dispute chg diabetes    |
| r15diabf  | w15 uas396 flag dispute chg diabetes    |
| r12cancrq | w12 uas20 q-wording cancer              |
| r13cancrq | w13 uas95 q-wording cancer              |
| r14cancrq | w14 uas185 q-wording cancer             |
| r15cancrq | w15 uas396 q-wording cancer             |
| r12cancr  | w12 uas20 r reports cancer              |
| r13cancr  | w13 uas95 r reports cancer              |
| r14cancr  | w14 uas185 r reports cancer             |
| r15cancr  | w15 uas396 r reports cancer             |
| r12cancre | w12 uas20 r ever had cancer             |
| r13cancre | w13 uas95 r ever had cancer             |
| r14cancre | w14 uas185 r ever had cancer            |
| r15cancre | w15 uas396 r ever had cancer            |
|           |   |

| r14cancrs w14 uas185 r had cancer since last iw r15cancrs w15 uas396 r had cancer since last iw r12cancrf w12 uas20 flag dispute chg cancer r13cancrf w13 uas95 flag dispute chg cancer r14cancrf w14 uas185 flag dispute chg cancer r15cancrf w15 uas396 flag dispute chg cancer r15cancrf w15 uas396 flag dispute chg cancer r12lungq w12 uas20 q-wording lung disease r13lungq w13 uas95 q-wording lung disease r14lungq w14 uas185 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r15lung w15 uas396 r reports lung disease r11lung w16 uas20 r ever had lung disease r11lunge w17 uas20 r ever had lung disease r11lunge w18 uas95 r ever had lung disease r11lunge w19 uas396 r ever had lung disease r11lung w19 uas396 r had lung dis since last iw r11lungs w19 uas396 r had lung dis since last iw r11lungs w19 uas396 r had lung dis since last iw r12lungf w19 uas396 flag dispute chg lung disease r13lungf w19 uas396 flag dispute chg lung disease r14lungf w19 uas396 flag dispute chg lung disease r14lungf w19 uas396 flag dispute chg lung disease r15lungf w19 uas396 flag dispute chg lung disease r16lungf w19 uas396 flag dispute chg lung disease r17lungf w19 uas396 flag dispute chg lung disease r18lungf w19 uas396 flag dispute chg lung disease | r13cancrs | w13 uas95 r had cancer since last iw     |
|---|-----------|--|
| r12cancrf w12 uas20 flag dispute chg cancer r13cancrf w13 uas95 flag dispute chg cancer r14cancrf w14 uas185 flag dispute chg cancer r15cancrf w15 uas396 flag dispute chg cancer r12lungq w12 uas20 q-wording lung disease r13lungq w13 uas95 q-wording lung disease r14lungq w14 uas185 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r13lung w14 uas185 r reports lung disease r14lung w14 uas185 r reports lung disease r14lung w15 uas396 r reports lung disease r15lung w15 uas396 r reports lung disease r11lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w16 uas396 r ever had lung disease r15lunge w17 uas396 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w16 uas20 q-wording heart prob r13heartq w18 uas20 q-wording heart prob   | r14cancrs | w14 uas185 r had cancer since last iw    |
| r13cancrf w13 uas95 flag dispute chg cancer r14cancrf w14 uas185 flag dispute chg cancer r15cancrf w15 uas396 flag dispute chg cancer r12lungq w12 uas20 q-wording lung disease r13lungq w13 uas95 q-wording lung disease r14lungq w14 uas185 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r14lung w14 uas185 r reports lung disease r14lung w15 uas396 r reports lung disease r14lung w16 uas20 r ever had lung disease r15lung w17 uas20 r ever had lung disease r18lunge w18 uas95 r ever had lung disease r18lunge w19 uas20 r ever had lung disease r18lunge w19 uas396 r ever had lung disease r18lungs w19 uas396 r ever had lung disease r18lungs w19 uas396 r ever had lung disease r18lungs w19 uas396 r had lung dis since last iw r18lungs w19 uas396 r had lung dis since last iw r18lungs w19 uas396 r had lung dis since last iw r18lungs w19 uas396 r had lung disease r18lungf w19 uas396 flag dispute chg lung disease r19lungf w19 uas396 flag dispute chg lung disease   | r15cancrs | w15 uas396 r had cancer since last iw    |
| r14cancrf w14 uas185 flag dispute chg cancer r15cancrf w15 uas396 flag dispute chg cancer r12lungq w12 uas20 q-wording lung disease r13lungq w13 uas95 q-wording lung disease r14lungq w14 uas185 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r15lung w15 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r15lung w16 uas20 r ever had lung disease r15lung w17 uas20 r ever had lung disease r18lunge w18 uas95 r ever had lung disease r18lunge w19 uas95 r ever had lung disease r18lunge w19 uas396 r ever had lung disease r18lunge w19 uas396 r ever had lung disease r18lunge w19 uas396 r ever had lung disease r18lungs w19 uas396 r had lung dis since last iw r18lungs w19 uas396 r had lung dis since last iw r18lungs w19 uas396 r had lung dis since last iw r18lungf w19 uas20 flag dispute chg lung disease r18lungf w19 uas20 flag dispute chg lung disease r18lungf w19 uas396 flag dispute chg lung disease r19lungf w19 uas396 flag dispute chg lung disease  | r12cancrf | w12 uas20 flag dispute chg cancer        |
| r15cancrf w15 uas396 flag dispute chg cancer r12lungq w12 uas20 q-wording lung disease r13lungq w14 uas185 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r13lung w14 uas185 r reports lung disease r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r15lung w15 uas396 r reports lung disease r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w15 uas396 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease  | r13cancrf | w13 uas95 flag dispute chg cancer        |
| r12lungq w12 uas20 q-wording lung disease r13lungq w13 uas95 q-wording lung disease r14lungq w14 uas185 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r13lung w14 uas185 r reports lung disease r14lung w15 uas396 r reports lung disease r15lung w15 uas396 r reports lung disease r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w16 uas396 r ever had lung disease r15lunge w17 uas396 r ever had lung disease r18lungs w18 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease   | r14cancrf | w14 uas185 flag dispute chg cancer       |
| r13lungq w13 uas95 q-wording lung disease r14lungq w14 uas185 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r15lung w15 uas396 r reports lung disease r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w16 uas396 r ever had lung disease r15lunge w17 uas396 r ever had lung disease r18lungs w18 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w16 uas396 r had lung dis since last iw r15lungf w17 uas20 flag dispute chg lung disease r18lungf w18 uas95 flag dispute chg lung disease r18lungf w19 uas20 flag dispute chg lung disease r18lungf w19 uas20 q-wording heart prob r18heartq w19 uas20 q-wording heart prob  | r15cancrf | w15 uas396 flag dispute chg cancer       |
| r14lungq w14 uas185 q-wording lung disease r15lungq w15 uas396 q-wording lung disease r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r15lung w15 uas396 r reports lung disease r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lungs w14 uas185 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease  | r12lungq  | w12 uas20 q-wording lung disease         |
| r15lungq w15 uas396 q-wording lung disease r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r15lung w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r13lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob   | r13lungq  | w13 uas95 q-wording lung disease         |
| r12lung w12 uas20 r reports lung disease r13lung w13 uas95 r reports lung disease r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w14 uas185 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas290 q-wording heart prob r13heartq w13 uas95 q-wording heart prob   | r14lungq  | w14 uas185 q-wording lung disease        |
| r13lung w13 uas95 r reports lung disease r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w14 uas185 r ever had lung disease r15lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob   | r15lungq  | w15 uas396 q-wording lung disease        |
| r14lung w14 uas185 r reports lung disease r15lung w15 uas396 r reports lung disease r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r13lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r11heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob  | r12lung   | w12 uas20 r reports lung disease         |
| r15lung w15 uas396 r reports lung disease r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r13lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob  | r13lung   | w13 uas95 r reports lung disease         |
| r12lunge w12 uas20 r ever had lung disease r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r13lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r14lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r14heartq w14 uas185 q-wording heart prob  | r14lung   | w14 uas185 r reports lung disease        |
| r13lunge w13 uas95 r ever had lung disease r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r13lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r14heartq w13 uas95 q-wording heart prob   | r15lung   | w15 uas396 r reports lung disease        |
| r14lunge w14 uas185 r ever had lung disease r15lunge w15 uas396 r ever had lung disease r13lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob  | r12lunge  | w12 uas20 r ever had lung disease        |
| r15lunge w15 uas396 r ever had lung disease r13lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob   | r13lunge  | w13 uas95 r ever had lung disease        |
| r13lungs w13 uas95 r had lung dis since last iw r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob   | r14lunge  | w14 uas185 r ever had lung disease       |
| r14lungs w14 uas185 r had lung dis since last iw r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob   | r15lunge  | w15 uas396 r ever had lung disease       |
| r15lungs w15 uas396 r had lung dis since last iw r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob  | r13lungs  | w13 uas95 r had lung dis since last iw   |
| r12lungf w12 uas20 flag dispute chg lung disease r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob   | r14lungs  | w14 uas185 r had lung dis since last iw  |
| r13lungf w13 uas95 flag dispute chg lung disease r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob  | r15lungs  | w15 uas396 r had lung dis since last iw  |
| r14lungf w14 uas185 flag dispute chg lung disease r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob   | r12lungf  | w12 uas20 flag dispute chg lung disease  |
| r15lungf w15 uas396 flag dispute chg lung disease r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob   | r13lungf  | w13 uas95 flag dispute chg lung disease  |
| r12heartq w12 uas20 q-wording heart prob r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob   | r14lungf  | w14 uas185 flag dispute chg lung disease |
| r13heartq w13 uas95 q-wording heart prob r14heartq w14 uas185 q-wording heart prob  | r15lungf  | w15 uas396 flag dispute chg lung disease |
| r14heartq w14 uas185 q-wording heart prob   | r12heartq | w12 uas20 q-wording heart prob           |
|   | r13heartq | w13 uas95 q-wording heart prob           |
| r15heartq w15 uas396 q-wording heart prob   | r14heartq | w14 uas185 q-wording heart prob          |
|   | r15heartq | w15 uas396 q-wording heart prob          |

| r12heart  | w12 uas20 r reports heart prob            |
|-----------|---|
| r13heart  | w13 uas95 r reports heart prob            |
| r14heart  | w14 uas185 r reports heart prob           |
| r15heart  | w15 uas396 r reports heart prob           |
| r12hearte | w12 uas20 r ever had heart problems       |
| r13hearte | w13 uas95 r ever had heart problems       |
| r14hearte | w14 uas185 r ever had heart problems      |
| r15hearte | w15 uas396 r ever had heart problems      |
| r13hearts | w13 uas95 r had heart prob since last iw  |
| r14hearts | w14 uas185 r had heart prob since last iw |
| r15hearts | w15 uas396 r had heart prob since last iw |
| r12heartf | w12 uas20 flag dispute chg heart prob     |
| r13heartf | w13 uas95 flag dispute chg heart prob     |
| r14heartf | w14 uas185 flag dispute chg heart prob    |
| r15heartf | w15 uas396 flag dispute chg heart prob    |
| r12strokq | w12 uas20 q-wording stroke                |
| r13strokq | w13 uas95 q-wording stroke                |
| r14strokq | w14 uas185 q-wording stroke               |
| r15strokq | w15 uas396 q-wording stroke               |
| r12strok  | w12 uas20 r reports stroke                |
| r13strok  | w13 uas95 r reports stroke                |
| r14strok  | w14 uas185 r reports stroke               |
| r15strok  | w15 uas396 r reports stroke               |
| r12stroke | w12 uas20 r ever had stroke               |
| r13stroke | w13 uas95 r ever had stroke               |
| r14stroke | w14 uas185 r ever had stroke              |
| r15stroke | w15 uas396 r ever had stroke              |
| r13stroks | w13 uas95 r had stroke since last iw      |
| r14stroks | w14 uas185 r had stroke since last iw     |
| r15stroks | w15 uas396 r had stroke since last iw     |

|           | w12 uas20 flag dispute chg stroke         |
|-----------|---|
| r13strokf | w13 uas95 flag dispute chg stroke         |
| r14strokf | w14 uas185 flag dispute chg stroke        |
| r15strokf | w15 uas396 flag dispute chg stroke        |
| r12psychq | w12 uas20 q-wording psych prob            |
| r13psychq | w13 uas95 q-wording psych prob            |
| r14psychq | w14 uas185 q-wording psych prob           |
| r15psychq | w15 uas396 q-wording psych prob           |
| r12psych  | w12 uas20 r reports psych prob            |
| r13psych  | w13 uas95 r reports psych prob            |
| r14psych  | w14 uas185 r reports psych prob           |
| r15psych  | w15 uas396 r reports psych prob           |
| r12psyche | w12 uas20 r ever had psych problems       |
| r13psyche | w13 uas95 r ever had psych problems       |
| r14psyche | w14 uas185 r ever had psych problems      |
| r15psyche | w15 uas396 r ever had psych problems      |
| r13psychs | w13 uas95 r had psych prob since last iw  |
| r14psychs | w14 uas185 r had psych prob since last iw |
| r15psychs | w15 uas396 r had psych prob since last iw |
| r12psychf | w12 uas20 flag dispute chg psych probs    |
| r13psychf | w13 uas95 flag dispute chg psych probs    |
| r14psychf | w14 uas185 flag dispute chg psych probs   |
| r15psychf | w15 uas396 flag dispute chg psych probs   |
| r12arthrq | w12 uas20 q-wording arthritis             |
| r13arthrq | w13 uas95 q-wording arthritis             |
| r14arthrq | w14 uas185 q-wording arthritis            |
| r15arthrq | w15 uas396 q-wording arthritis            |
| r12arthr  | w12 uas20 r reports arthritis             |
| r13arthr  | w13 uas95 r reports arthritis             |
| r14arthr  | w14 uas185 r reports arthritis            |

| r15arthr  | w15 uas396 r reports arthritis                 |
|-----------|--|
| r12arthre | w12 uas20 r ever had arthritis                 |
| r13arthre | w13 uas95 r ever had arthritis                 |
| r14arthre | w14 uas185 r ever had arthritis                |
| r15arthre | w15 uas396 r ever had arthritis                |
| r13arthrs | w13 uas95 r had arthritis since last iw        |
| r14arthrs | w14 uas185 r had arthritis since last iw       |
| r15arthrs | w15 uas396 r had arthritis since last iw       |
| r12arthrf | w12 uas20 flag dispute chg arthritis           |
| r13arthrf | w13 uas95 flag dispute chg arthritis           |
| r14arthrf | w14 uas185 flag dispute chg arthritis          |
| r15arthrf | w15 uas396 flag dispute chg arthritis          |
| r12alzheq | w12 uas20 q-wording of alzheimer               |
| r13alzheq | w13 uas95 q-wording of alzheimer               |
| r14alzheq | w14 uas185 q-wording of alzheimer              |
| r15alzheq | w15 uas396 q-wording of alzheimer              |
| r12alzhe  | w12 uas20 r reports alzheimer                  |
| r13alzhe  | w13 uas95 r reports alzheimer                  |
| r14alzhe  | w14 uas185 r reports alzheimer                 |
| r15alzhe  | w15 uas396 r reports alzheimer                 |
| r12alzhee | w12 uas20 r ever reported alzheimer            |
| r13alzhee | w13 uas95 r ever reported alzheimer            |
| r14alzhee | w14 uas185 r ever reported alzheimer           |
| r15alzhee | w15 uas396 r ever reported alzheimer           |
| r13alzhes | w13 uas95 r had alzheimer onset since last iw  |
| r14alzhes | w14 uas185 r had alzheimer onset since last iw |
| r15alzhes | w15 uas396 r had alzheimer onset since last iw |
| r12alzhef | w12 uas20 flag chg prev report of alzheimer    |
| r13alzhef | w13 uas95 flag chg prev report of alzheimer    |
| r14alzhef | w14 uas185 flag chg prev report of alzheimer   |
| L         |  |

|             | w15 uas396 flag chg prev report of alzheimer    |
|-------------|---|
| r12demenq v | v12 uas20 q-wording of dementia                 |
| r13demenq w | v13 uas95 q-wording of dementia                 |
| r14demenq w | v14 uas185 q-wording of dementia                |
| r15demenq w | v15 uas396 q-wording of dementia                |
| r12demen w  | v12 uas20 r reports dementia                    |
| r13demen w  | v13 uas95 r reports dementia                    |
| r14demen w  | v14 uas185 r reports dementia                   |
| r15demen w  | v15 uas396 r reports dementia                   |
| r12demene w | v12 uas20 r ever reported dementia              |
| r13demene w | w13 uas95 r ever reported dementia              |
| r14demene w | w14 uas185 r ever reported dementia             |
| r15demene w | w15 uas396 r ever reported dementia             |
| r13demens w | w13 uas95 r had dementia onset since last iw    |
| r14demens w | w14 uas185 r had dementia onset since last iw   |
| r15demens w | w15 uas396 r had dementia onset since last iw   |
| r12demenf w | w12 uas20 flag chg prev report of dementia      |
| r13demenf v | w13 uas95 flag chg prev report of dementia      |
| r14demenf w | w14 uas185 flag chg prev report of dementia     |
| r15demenf v | w15 uas396 flag chg prev report of dementia     |
| r12condem w | w12 uas20 # missings in sum cond ever           |
| r13condem v | w13 uas95 # missings in sum cond ever           |
| r14condem w | w14 uas185 # missings in sum cond ever          |
| r15condem w | w15 uas396 # missings in sum cond ever          |
| r13condsm v | w13 uas95 # missings in sum cond since last iw  |
| r14condsm w | w14 uas185 # missings in sum cond since last iw |
| r15condsm v | w15 uas396 # missings in sum cond since last iw |
| r12condef w | w12 uas20 # chg from dispute/sum ever           |
| r13condef w | w13 uas95 # chg from dispute/sum ever           |
| r14condef w | w14 uas185 # chg from dispute/sum ever          |

| r15condef | w15 uas396 # chg from dispute/sum ever          |
|-----------|---|
| r13condsf | w13 uas95 # chg from dispute/sum since last iw  |
| r14condsf | w14 uas185 # chg from dispute/sum since last iw |
| r15condsf | w15 uas396 # chg from dispute/sum since last iw |
| r13condsp | w13 uas95 flag prv ivw not wv-1/since last iw   |
| r14condsp | w14 uas185 flag prv ivw not wv-1/since last iw  |
| r15condsp | w15 uas396 flag prv ivw not wv-1/since last iw  |
| r12conde  | w12 uas20 sum of conditions ever had            |
| r13conde  | w13 uas95 sum of conditions ever had            |
| r14conde  | w14 uas185 sum of conditions ever had           |
| r15conde  | w15 uas396 sum of conditions ever had           |
| r13conds  | w13 uas95 sum of conditions since last iw       |
| r14conds  | w14 uas185 sum of conditions since last iw      |
| r15conds  | w15 uas396 sum of conditions since last iw      |
| r12dress  | w12 uas21 r diff-dressing                       |
| r13dress  | w13 uas96 r diff-dressing                       |
| r14dress  | w14 uas186 r diff-dressing                      |
| r15dress  | w15 uas397 r diff-dressing                      |
| r12walkr  | w12 uas21 r diff-walk across room               |
| r13walkr  | w13 uas96 r diff-walk across room               |
| r14walkr  | w14 uas186 r diff-walk across room              |
| r15walkr  | w15 uas397 r diff-walk across room              |
| r12bath   | w12 uas21 r diff-bathing or showerng            |
| r13bath   | w13 uas96 r diff-bathing or showerng            |
| r14bath   | w14 uas186 r diff-bathing or showerng           |
| r15bath   | w15 uas397 r diff-bathing or showerng           |
| r12eat    | w12 uas21 r diff-eating                         |
| r13eat    | w13 uas96 r diff-eating                         |
| r14eat    | w14 uas186 r diff-eating                        |
| r15eat    | w15 uas397 r diff-eating                        |
| L         | 1   |

| r12bed    | w12 uas21 r diff-get in/out of bed       |
|-----------|--|
| r13bed    | w13 uas96 r diff-get in/out of bed       |
| r14bed    | w14 uas186 r diff-get in/out of bed      |
| r15bed    | w15 uas397 r diff-get in/out of bed      |
| r12toilt  | w12 uas21 r diff-using the toilet        |
| r13toilt  | w13 uas96 r diff-using the toilet        |
| r14toilt  | w14 uas186 r diff-using the toilet       |
| r15toilt  | w15 uas397 r diff-using the toilet       |
| r12dressh | w12 uas21 r gets help-dressing           |
| r13dressh | w13 uas96 r gets help-dressing           |
| r14dressh | w14 uas186 r gets help-dressing          |
| r15dressh | w15 uas397 r gets help-dressing          |
| r12walkrh | w12 uas21 r gets help-walk across room   |
| r13walkrh | w13 uas96 r gets help-walk across room   |
| r14walkrh | w14 uas186 r gets help-walk across room  |
| r15walkrh | w15 uas397 r gets help-walk across room  |
| r12bathh  | w12 uas21 r gets help-bathing, showerng  |
| r13bathh  | w13 uas96 r gets help-bathing, showerng  |
| r14bathh  | w14 uas186 r gets help-bathing, showerng |
| r15bathh  | w15 uas397 r gets help-bathing, showerng |
| r12eath   | w12 uas21 r gets help-eating             |
| r13eath   | w13 uas96 r gets help-eating             |
| r14eath   | w14 uas186 r gets help-eating            |
| r15eath   | w15 uas397 r gets help-eating            |
| r12bedh   | w12 uas21 r gets help-get in/out of bed  |
| r13bedh   | w13 uas96 r gets help-get in/out of bed  |
| r14bedh   | w14 uas186 r gets help-get in/out of bed |
| r15bedh   | w15 uas397 r gets help-get in/out of bed |
| r12toilth | w12 uas21 r gets help-using the toilet   |
| r13toilth | w13 uas96 r gets help-using the toilet   |

| r14toilth | w14 uas186 r gets help-using the toilet |
|-----------|---|
| r15toilth | w15 uas397 r gets help-using the toilet |
| r12walkre | w12 uas21 r eqp-walk across room        |
| r13walkre | w13 uas96 r eqp-walk across room        |
| r14walkre | w14 uas186 r eqp-walk across room       |
| r15walkre | w15 uas397 r eqp-walk across room       |
| r12bede   | w12 uas21 r use eqp-get in/out of bed   |
| r13bede   | w13 uas96 r use eqp-get in/out of bed   |
| r14bede   | w14 uas186 r use eqp-get in/out of bed  |
| r15bede   | w15 uas397 r use eqp-get in/out of bed  |
| r12meals  | w12 uas21 r diff-preparing hot meals    |
| r13meals  | w13 uas96 r diff-preparing hot meals    |
| r14meals  | w14 uas186 r diff-preparing hot meals   |
| r15meals  | w15 uas397 r diff-preparing hot meals   |
| r12shop   | w12 uas21 r diff-shop for groceries     |
| r13shop   | w13 uas96 r diff-shop for groceries     |
| r14shop   | w14 uas186 r diff-shop for groceries    |
| r15shop   | w15 uas397 r diff-shop for groceries    |
| r12phone  | w12 uas21 r diff-use telephone          |
| r13phone  | w13 uas96 r diff-use telephone          |
| r14phone  | w14 uas186 r diff-use telephone         |
| r15phone  | w15 uas397 r diff-use telephone         |
| r12meds   | w12 uas21 r diff-take medications       |
| r13meds   | w13 uas96 r diff-take medications       |
| r14meds   | w14 uas186 r diff-take medications      |
| r15meds   | w15 uas397 r diff-take medications      |
| r12money  | w12 uas21 r diff-managing money         |
| r13money  | w13 uas96 r diff-managing money         |
| r14money  | w14 uas186 r diff-managing money        |
| r15money  | w15 uas397 r diff-managing money        |
| 1         | 1                                       |

| r12walks | w12 uas21 r diff-walk sev blocks      |
|----------|---------------------------------------|
| r13walks | w13 uas96 r diff-walk sev blocks      |
| r14walks | w14 uas186 r diff-walk sev blocks     |
| r15walks | w15 uas397 r diff-walk sev blocks     |
| r12jog   | w12 uas21 r diff-jog one mile         |
| r13jog   | w13 uas96 r diff-jog one mile         |
| r14jog   | w14 uas186 r diff-jog one mile        |
| r15jog   | w15 uas397 r diff-jog one mile        |
| r12walk1 | w12 uas21 r diff-walk one block       |
| r13walk1 | w13 uas96 r diff-walk one block       |
| r14walk1 | w14 uas186 r diff-walk one block      |
| r15walk1 | w15 uas397 r diff-walk one block      |
| r12sit   | w12 uas21 r diff-sit for 2 hours      |
| r13sit   | w13 uas96 r diff-sit for 2 hours      |
| r14sit   | w14 uas186 r diff-sit for 2 hours     |
| r15sit   | w15 uas397 r diff-sit for 2 hours     |
| r12chair | w12 uas21 r diff-get up fr chair      |
| r13chair | w13 uas96 r diff-get up fr chair      |
| r14chair | w14 uas186 r diff-get up fr chair     |
| r15chair | w15 uas397 r diff-get up fr chair     |
| r12clims | w12 uas21 r diff-climb sev flt stair  |
| r13clims | w13 uas96 r diff-climb sev flt stair  |
| r14clims | w14 uas186 r diff-climb sev flt stair |
| r15clims | w15 uas397 r diff-climb sev flt stair |
| r12clim1 | w12 uas21 r diff-climb one flt stair  |
| r13clim1 | w13 uas96 r diff-climb one flt stair  |
| r14clim1 | w14 uas186 r diff-climb one flt stair |
| r15clim1 | w15 uas397 r diff-climb one flt stair |
| r12stoop | w12 uas21 r diff-stoop/kneel/crouch   |
| r13stoop | w13 uas96 r diff-stoop/kneel/crouch   |

| r14stoop  | w14 uas186 r diff-stoop/kneel/crouch   |
|-----------|--|
| r15stoop  | w15 uas397 r diff-stoop/kneel/crouch   |
| r12arms   | w12 uas21 r diff-reach/extnd arms up   |
| r13arms   | w13 uas96 r diff-reach/extnd arms up   |
| r14arms   | w14 uas186 r diff-reach/extnd arms up  |
| r15arms   | w15 uas397 r diff-reach/extnd arms up  |
| r12push   | w12 uas21 r diff-push/pull large obj   |
| r13push   | w13 uas96 r diff-push/pull large obj   |
| r14push   | w14 uas186 r diff-push/pull large obj  |
| r15push   | w15 uas397 r diff-push/pull large obj  |
| r12lift   | w12 uas21 r diff-lift/carry 10lbs      |
| r13lift   | w13 uas96 r diff-lift/carry 10lbs      |
| r14lift   | w14 uas186 r diff-lift/carry 10lbs     |
| r15lift   | w15 uas397 r diff-lift/carry 10lbs     |
| r12dime   | w12 uas21 r diff-pick up a dime        |
| r13dime   | w13 uas96 r diff-pick up a dime        |
| r14dime   | w14 uas186 r diff-pick up a dime       |
| r15dime   | w15 uas397 r diff-pick up a dime       |
| r12map    | w12 uas21 r diff-use a map             |
| r13map    | w13 uas96 r diff-use a map             |
| r14map    | w14 uas186 r diff-use a map            |
| r15map    | w15 uas397 r diff-use a map            |
| r12walksa | w12 uas21 r some diff-walk sev blocks  |
| r13walksa | w13 uas96 r some diff-walk sev blocks  |
| r14walksa | w14 uas186 r some diff-walk sev blocks |
| r15walksa | w15 uas397 r some diff-walk sev blocks |
| r12joga   | w12 uas21 r some diff-jog one mile     |
| r13joga   | w13 uas96 r some diff-jog one mile     |
| r14joga   | w14 uas186 r some diff-jog one mile    |
| r15joga   | w15 uas397 r some diff-jog one mile    |
| L         |  |

| r12walk1a | w12 uas21 r some diff-walk one block    |
|-----------|---|
| r13walk1a | w13 uas96 r some diff-walk one block    |
| r14walk1a | w14 uas186 r some diff-walk one block   |
| r15walk1a | w15 uas397 r some diff-walk one block   |
| r12sita   | w12 uas21 r some diff-sit for 2 hours   |
| r13sita   | w13 uas96 r some diff-sit for 2 hours   |
| r14sita   | w14 uas186 r some diff-sit for 2 hours  |
| r15sita   | w15 uas397 r some diff-sit for 2 hours  |
| r12chaira | w12 uas21 r some diff-get up fr chair   |
| r13chaira | w13 uas96 r some diff-get up fr chair   |
| r14chaira | w14 uas186 r some diff-get up fr chair  |
| r15chaira | w15 uas397 r some diff-get up fr chair  |
| r12climsa | w12 uas21 r some diff-clmb sev flt str  |
| r13climsa | w13 uas96 r some diff-clmb sev flt str  |
| r14climsa | w14 uas186 r some diff-clmb sev flt str |
| r15climsa | w15 uas397 r some diff-clmb sev flt str |
| r12clim1a | w12 uas21 r some diff-clmb 1 flt stair  |
| r13clim1a | w13 uas96 r some diff-clmb 1 flt stair  |
| r14clim1a | w14 uas186 r some diff-clmb 1 flt stair |
| r15clim1a | w15 uas397 r some diff-clmb 1 flt stair |
| r12stoopa | w12 uas21 r some diff-stoop/kneel/crch  |
| r13stoopa | w13 uas96 r some diff-stoop/kneel/crch  |
| r14stoopa | w14 uas186 r some diff-stoop/kneel/crch |
| r15stoopa | w15 uas397 r some diff-stoop/kneel/crch |
| r12armsa  | w12 uas21 r some diff-rch/xtnd arms up  |
| r13armsa  | w13 uas96 r some diff-rch/xtnd arms up  |
| r14armsa  | w14 uas186 r some diff-rch/xtnd arms up |
| r15armsa  | w15 uas397 r some diff-rch/xtnd arms up |
| r12pusha  | w12 uas21 r some diff-push/pull lg obj  |
| r13pusha  | w13 uas96 r some diff-push/pull lg obj  |
|           |   |

| -         | I was a second of                       |
|-----------|---|
| r14pusha  | w14 uas186 r some diff-push/pull lg obj |
| r15pusha  | w15 uas397 r some diff-push/pull lg obj |
| r12lifta  | w12 uas21 r some diff-lift/carry 10lbs  |
| r13lifta  | w13 uas96 r some diff-lift/carry 10lbs  |
| r14lifta  | w14 uas186 r some diff-lift/carry 10lbs |
| r15lifta  | w15 uas397 r some diff-lift/carry 10lbs |
| r12dimea  | w12 uas21 r some diff-pick up a dime    |
| r13dimea  | w13 uas96 r some diff-pick up a dime    |
| r14dimea  | w14 uas186 r some diff-pick up a dime   |
| r15dimea  | w15 uas397 r some diff-pick up a dime   |
| r12dressa | w12 uas21 r some diff-dressing          |
| r13dressa | w13 uas96 r some diff-dressing          |
| r14dressa | w14 uas186 r some diff-dressing         |
| r15dressa | w15 uas397 r some diff-dressing         |
| r12walkra | w12 uas21 r some diff-walk across room  |
| r13walkra | w13 uas96 r some diff-walk across room  |
| r14walkra | w14 uas186 r some diff-walk across room |
| r15walkra | w15 uas397 r some diff-walk across room |
| r12batha  | w12 uas21 r some diff-bathing, shower   |
| r13batha  | w13 uas96 r some diff-bathing, shower   |
| r14batha  | w14 uas186 r some diff-bathing, shower  |
| r15batha  | w15 uas397 r some diff-bathing, shower  |
| r12eata   | w12 uas21 r some diff-eating            |
| r13eata   | w13 uas96 r some diff-eating            |
| r14eata   | w14 uas186 r some diff-eating           |
| r15eata   | w15 uas397 r some diff-eating           |
| r12beda   | w12 uas21 r some diff-get in/out bed    |
| r13beda   | w13 uas96 r some diff-get in/out bed    |
| r14beda   | w14 uas186 r some diff-get in/out bed   |
| r15beda   | w15 uas397 r some diff-get in/out bed   |
|           |   |

| r12toilta | w12 uas21 r some diff-using the toilet  |
|-----------|---|
|           | _                                       |
| r13toilta | w13 uas96 r some diff-using the toilet  |
| r14toilta | w14 uas186 r some diff-using the toilet |
| r15toilta | w15 uas397 r some diff-using the toilet |
| r12mapa   | w12 uas21 r some diff-use a map         |
| r13mapa   | w13 uas96 r some diff-use a map         |
| r14mapa   | w14 uas186 r some diff-use a map        |
| r15mapa   | w15 uas397 r some diff-use a map        |
| r12mealsa | w12 uas21 r some diff-prepare hot meal  |
| r13mealsa | w13 uas96 r some diff-prepare hot meal  |
| r14mealsa | w14 uas186 r some diff-prepare hot meal |
| r15mealsa | w15 uas397 r some diff-prepare hot meal |
| r12shopa  | w12 uas21 r some diff-shop for grocery  |
| r13shopa  | w13 uas96 r some diff-shop for grocery  |
| r14shopa  | w14 uas186 r some diff-shop for grocery |
| r15shopa  | w15 uas397 r some diff-shop for grocery |
| r12phonea | w12 uas21 r some diff-use telephone     |
| r13phonea | w13 uas96 r some diff-use telephone     |
| r14phonea | w14 uas186 r some diff-use telephone    |
| r15phonea | w15 uas397 r some diff-use telephone    |
| r12medsa  | w12 uas21 r some diff-take medications  |
| r13medsa  | w13 uas96 r some diff-take medications  |
| r14medsa  | w14 uas186 r some diff-take medications |
| r15medsa  | w15 uas397 r some diff-take medications |
| r12moneya | w12 uas21 r some diff-managing money    |
| r13moneya | w13 uas96 r some diff-managing money    |
| r14moneya | w14 uas186 r some diff-managing money   |
| r15moneya | w15 uas397 r some diff-managing money   |
| r12grossa | w12 uas21 walk1/r,clim1,bed,bath/0-5    |
| r13grossa | w13 uas96 walk1/r,clim1,bed,bath/0-5    |
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| r14grossa | w14 uas186 walk1/r,clim1,bed,bath/0-5        |
|-----------|--|
| r15grossa | w15 uas397 walk1/r,clim1,bed,bath/0-5        |
| r12mobila | w12 uas21 some diff-mobility /0-5            |
| r13mobila | w13 uas96 some diff-mobility /0-5            |
| r14mobila | w14 uas186 some diff-mobility /0-5           |
| r15mobila | w15 uas397 some diff-mobility /0-5           |
| r12lgmusa | w12 uas21 some diff-large muscle /0-4        |
| r13lgmusa | w13 uas96 some diff-large muscle /0-4        |
| r14lgmusa | w14 uas186 some diff-large muscle /0-4       |
| r15lgmusa | w15 uas397 some diff-large muscle /0-4       |
| r12iadlza | w12 uas21 some diff-iadls: w12 onwards /0-5  |
| r13iadlza | w13 uas96 some diff-iadls: w12 onwards /0-5  |
| r14iadlza | w14 uas186 some diff-iadls: w12 onwards /0-5 |
| r15iadlza | w15 uas397 some diff-iadls: w12 onwards /0-5 |
| r12finea  | w12 uas21 dime/eat/dress /0-3                |
| r13finea  | w13 uas96 dime/eat/dress /0-3                |
| r14finea  | w14 uas186 dime/eat/dress /0-3               |
| r15finea  | w15 uas397 dime/eat/dress /0-3               |
| r12adlwa  | w12 uas21 some diff-adls:wallace /0-3        |
| r13adlwa  | w13 uas96 some diff-adls:wallace /0-3        |
| r14adlwa  | w14 uas186 some diff-adls:wallace /0-3       |
| r15adlwa  | w15 uas397 some diff-adls:wallace /0-3       |
| r12adla   | w12 uas21 some diff-adls /0-5                |
| r13adla   | w13 uas96 some diff-adls /0-5                |
| r14adla   | w14 uas186 some diff-adls /0-5               |
| r15adla   | w15 uas397 some diff-adls /0-5               |
| r12iadla  | w12 uas21 some diff-iadls: w12 onwards /0-3  |
| r13iadla  | w13 uas96 some diff-iadls: w12 onwards /0-3  |
| r14iadla  | w14 uas186 some diff-iadls: w12 onwards /0-3 |
| r15iadla  | w15 uas397 some diff-iadls: w12 onwards /0-3 |
|           |  |

| r13adlc   | w13 uas96 change-adls /0-5                  |
|-----------|---|
| r14adlc   | w14 uas186 change-adls /0-5                 |
| r15adlc   | w15 uas397 change-adls /0-5                 |
| r13finec  | w13 uas96 chg:dime,eat,dress /0-3           |
| r14finec  | w14 uas186 chg:dime,eat,dress /0-3          |
| r15finec  | w15 uas397 chg:dime,eat,dress /0-3          |
| r13grossc | w13 uas96 chg:walk1/r,clim1,bed,bath/5      |
| r14grossc | w14 uas186 chg:walk1/r,clim1,bed,bath/5     |
| r15grossc | w15 uas397 chg:walk1/r,clim1,bed,bath/5     |
| r13adlf   | w13 uas96 chg flag-adls /0-5                |
| r14adlf   | w14 uas186 chg flag-adls /0-5               |
| r15adlf   | w15 uas397 chg flag-adls /0-5               |
| r13finef  | w13 uas96 chgf:dime,eat,dress /0-3          |
| r14finef  | w14 uas186 chgf:dime,eat,dress /0-3         |
| r15finef  | w15 uas397 chgf:dime,eat,dress /0-3         |
| r13grossf | w13 uas96 chgf:walk1/r,clim1,bed,bath /0-5  |
| r14grossf | w14 uas186 chgf:walk1/r,clim1,bed,bath /0-5 |
| r15grossf | w15 uas397 chgf:walk1/r,clim1,bed,bath /0-5 |
| r12hosp   | w12 uas23 hospital stay, prv 2 yrs          |
| r13hosp   | w13 uas98 hospital stay, prv 2 yrs          |
| r14hosp   | w14 uas188 hospital stay, prv 2 yrs         |
| r15hosp   | w15 uas399 hospital stay, prv 2 yrs         |
| r12nrshom | w12 uas23 nurs home stay, prv 2 yrs         |
| r13nrshom | w13 uas98 nurs home stay, prv 2 yrs         |
| r14nrshom | w14 uas188 nurs home stay, prv 2 yrs        |
| r15nrshom | w15 uas399 nurs home stay, prv 2 yrs        |
| r12doctor | w12 uas23 doctor visit, prv 2 yrs           |
| r13doctor | w13 uas98 doctor visit, prv 2 yrs           |
| r14doctor | w14 uas188 doctor visit, prv 2 yrs          |
| r15doctor | w15 uas399 doctor visit, prv 2 yrs          |

| r12outpt  | w12 uas23 outpatient surgry, prv 2 yrs  |
|-----------|---|
| r13outpt  | w13 uas98 outpatient surgry, prv 2 yrs  |
| r14outpt  | w14 uas188 outpatient surgry, prv 2 yrs |
| r15outpt  | w15 uas399 outpatient surgry, prv 2 yrs |
| r12dentst | w12 uas23 dental visit, prv 2 yrs       |
| r13dentst | w13 uas98 dental visit, prv 2 yrs       |
| r14dentst | w14 uas188 dental visit, prv 2 yrs      |
| r15dentst | w15 uas399 dental visit, prv 2 yrs      |
| r12drugs  | w12 uas23 reg take rx drugs, prv 2 yrs  |
| r13drugs  | w13 uas98 reg take rx drugs, prv 2 yrs  |
| r14drugs  | w14 uas188 reg take rx drugs, prv 2 yrs |
| r15drugs  | w15 uas399 reg take rx drugs, prv 2 yrs |
| r12homcar | w12 uas23 home hlth care, prv 2 yrs     |
| r13homcar | w13 uas98 home hlth care, prv 2 yrs     |
| r14homcar | w14 uas188 home hlth care, prv 2 yrs    |
| r15homcar | w15 uas399 home hlth care, prv 2 yrs    |
| r12spcfac | w12 uas23 spec hlth facilty, prv 2 yrs  |
| r13spcfac | w13 uas98 spec hlth facilty, prv 2 yrs  |
| r14spcfac | w14 uas188 spec hlth facilty, prv 2 yrs |
| r15spcfac | w15 uas399 spec hlth facilty, prv 2 yrs |
| r12hsptim | w12 uas23 # hospital stays, prv 2 yrs   |
| r13hsptim | w13 uas98 # hospital stays, prv 2 yrs   |
| r14hsptim | w14 uas188 # hospital stays, prv 2 yrs  |
| r15hsptim | w15 uas399 # hospital stays, prv 2 yrs  |
| r12nrstim | w12 uas23 # nurs home stays, prv 2 yrs  |
| r13nrstim | w13 uas98 # nurs home stays, prv 2 yrs  |
| r14nrstim | w14 uas188 # nurs home stays, prv 2 yrs |
| r15nrstim | w15 uas399 # nurs home stays, prv 2 yrs |
| r12hspnit | w12 uas23 # nights in hosp, prv 2 yrs   |
| r13hspnit | w13 uas98 # nights in hosp, prv 2 yrs   |
| <u></u>   |   |

| r14hspnit  | w14 uas188 # nights in hosp, prv 2 yrs         |
|------------|--|
| r15hspnit  | w15 uas399 # nights in hosp, prv 2 yrs         |
| r12doctim  | w12 uas23 # doctor vists, prv 2 yrs            |
| r13doctim  | w13 uas98 # doctor vists, prv 2 yrs            |
| r14doctim  | w14 uas188 # doctor vists, prv 2 yrs           |
| r15doctim  | w15 uas399 # doctor vists, prv 2 yrs           |
| r12oopmd   | w12 uas23 out of pkt med exp, prv 2 yrs        |
| r13oopmd   | w13 uas98 out of pkt med exp, prv 2 yrs        |
| r14oopmd   | w14 uas188 out of pkt med exp, prv 2 yrs       |
| r15oopmd   | w15 uas399 out of pkt med exp, prv 2 yrs       |
| r12oopmdf  | w12 uas23 out of pkt imputed, prv 2 yrs        |
| r13oopmdf  | w13 uas98 out of pkt imputed, prv 2 yrs        |
| r14oopmdf  | w14 uas188 out of pkt imputed, prv 2 yrs       |
| r15oopmdf  | w15 uas399 out of pkt imputed, prv 2 yrs       |
| r12oopmdo  | w12 uas23 out of pkt med exp w oth, prv 2 yrs  |
| r13oopmdo  | w13 uas98 out of pkt med exp w oth, prv 2 yrs  |
| r14oopmdo  | w14 uas188 out of pkt med exp w oth, prv 2 yrs |
| r15oopmdo  | w15 uas399 out of pkt med exp w oth, prv 2 yrs |
| r12oopmdof | w12 uas23 out of pkt w oth imputed, prv 2 yrs  |
| r13oopmdof | w13 uas98 out of pkt w oth imputed, prv 2 yrs  |
| r14oopmdof | w14 uas188 out of pkt w oth imputed, prv 2 yrs |
| r15oopmdof | w15 uas399 out of pkt w oth imputed, prv 2 yrs |
| r12nhmliv  | w12 uas23 live in nurs home at iview           |
| r13nhmliv  | w13 uas98 live in nurs home at iview           |
| r14nhmliv  | w14 uas188 live in nurs home at iview          |
| r15nhmliv  | w15 uas399 live in nurs home at iview          |
| r12nhmmvy  | w12 uas23 year moved to nurs home              |
| r13nhmmvy  | w13 uas98 year moved to nurs home              |
| r14nhmmvy  | w14 uas188 year moved to nurs home             |
| r15nhmmvy  | w15 uas399 year moved to nurs home             |
|            | 1  |

| r12nhmmvm | w12 uas23 month moved to nurs home           |
|-----------|--|
| r13nhmmvm | w13 uas98 month moved to nurs home           |
| r14nhmmvm | w14 uas188 month moved to nurs home          |
| r15nhmmvm | w15 uas399 month moved to nurs home          |
| r12nhmday | w12 uas23 days in nh from move/prvivw        |
| r13nhmday | w13 uas98 days in nh from move/prvivw        |
| r14nhmday | w14 uas188 days in nh from move/prvivw       |
| r15nhmday | w15 uas399 days in nh from move/prvivw       |
| r12nrsnit | w12 uas23 # nights in nurs home, prv 2 yrs   |
| r13nrsnit | w13 uas98 # nights in nurs home, prv 2 yrs   |
| r14nrsnit | w14 uas188 # nights in nurs home, prv 2 yrs  |
| r15nrsnit | w15 uas399 # nights in nurs home, prv 2 yrs  |
| r12dy     | w12 uas20 cognition date naming-day of month |
| r13dy     | w13 uas95 cognition date naming-day of month |
| r12mo     | w12 uas20 cognition date naming-month        |
| r13mo     | w13 uas95 cognition date naming-month        |
| r12yr     | w13 uas95 cognition date naming-month        |
| r13yr     | w13 uas95 cognition date naming-year         |
| r12wk     | w12 uas20 cognition date naming-day of week  |
| r13wk     | w13 uas95 cognition date naming-day of week  |
| r12slfmem | w12 uas20 self rated memory                  |
| r13slfmem | w13 uas95 self rated memory                  |
| r14slfmem | w14 uas185 self rated memory                 |
| r15slfmem | w15 uas396 self rated memory                 |
| r12pstmem | w12 uas20 memory compared to past            |
| r13pstmem | w13 uas95 memory compared to past            |
| r14pstmem | w14 uas185 memory compared to past           |
| r15pstmem | w15 uas396 memory compared to past           |
| -         |  |

Table A.5 UAS HRS Health Insurance Variables included in the Comprehensive File

| Variable Name | Variable Label                              |
|---------------|---|
| r12covr       | w12 uas23 r covered by r empl plan          |
| r13covr       | w13 uas98 r covered by r empl plan          |
| r14covr       | w14 uas188 r covered by r empl plan         |
| r15covr       | w15 uas399 r covered by r empl plan         |
| r12covrt      | w12 uas23 r plan covers retirees            |
| r13covrt      | w13 uas98 r plan covers retirees            |
| r14covrt      | w14 uas188 r plan covers retirees           |
| r15covrt      | w15 uas399 r plan covers retirees           |
| r12covs       | w12 uas23 r covered by s empl plan          |
| r13covs       | w13 uas98 r covered by s empl plan          |
| r14covs       | w14 uas188 r covered by s empl plan         |
| r15covs       | w15 uas399 r covered by s empl plan         |
| r12govmd      | w12 uas23 r has gov plan-medicaid           |
| r13govmd      | w13 uas98 r has gov plan-medicaid           |
| r14govmd      | w14 uas188 r has gov plan-medicaid          |
| r15govmd      | w15 uas399 r has gov plan-medicaid          |
| r12govmr      | w12 uas23 r has gov plan-medicare           |
| r13govmr      | w13 uas98 r has gov plan-medicare           |
| r14govmr      | w14 uas188 r has gov plan-medicare          |
| r15govmr      | w15 uas399 r has gov plan-medicare          |
| r12govva      | w12 uas23 r has gov plan-champus/va         |
| r13govva      | w13 uas98 r has gov plan-champus/va         |
| r14govva      | w14 uas188 r has gov plan-champus/va        |
| r15govva      | w15 uas399 r has gov plan-champus/va        |
| r12hecov1     | w12 uas23 who is covered in r empl plan #1  |
| r13hecov1     | w13 uas98 who is covered in r empl plan #1  |
| r14hecov1     | w14 uas188 who is covered in r empl plan #1 |
| r15hecov1     | w15 uas399 who is covered in r empl plan #1 |

| r12hecov2 | w12 uas23 who is covered in r empl plan #2   |
|-----------|--|
| r13hecov2 | w13 uas98 who is covered in r empl plan #2   |
| r14hecov2 | w14 uas188 who is covered in r empl plan #2  |
| r15hecov2 | w15 uas399 who is covered in r empl plan #2  |
| r12hecov3 | w12 uas23 who is covered in r empl plan #3   |
| r13hecov3 | w13 uas98 who is covered in r empl plan #3   |
| r14hecov3 | w14 uas188 who is covered in r empl plan #3  |
| r15hecov3 | w15 uas399 who is covered in r empl plan #3  |
| r12henum  | w12 uas23 number of health insurance plans   |
| r13henum  | w13 uas98 number of health insurance plans   |
| r14henum  | w14 uas188 number of health insurance plans  |
| r15henum  | w15 uas399 number of health insurance plans  |
| r12hertr1 | w12 uas23 r coverage by r in retirement #1   |
| r13hertr1 | w13 uas98 r coverage by r in retirement #1   |
| r14hertr1 | w14 uas188 r coverage by r in retirement #1  |
| r15hertr1 | w15 uas399 r coverage by r in retirement #1  |
| r12hertr2 | w12 uas23 r coverage by r in retirement #2   |
| r13hertr2 | w13 uas98 r coverage by r in retirement #2   |
| r14hertr2 | w14 uas188 r coverage by r in retirement #2  |
| r15hertr2 | w15 uas399 r coverage by r in retirement #2  |
| r12hertr3 | w12 uas23 r coverage by r in retirement #3   |
| r13hertr3 | w13 uas98 r coverage by r in retirement #3   |
| r14hertr3 | w14 uas188 r coverage by r in retirement #3  |
| r15hertr3 | w15 uas399 r coverage by r in retirement #3  |
| r12herts1 | w12 uas23 sp coverage by r in retirement #1  |
| r13herts1 | w13 uas98 sp coverage by r in retirement #1  |
| r14herts1 | w14 uas188 sp coverage by r in retirement #1 |
| r15herts1 | w15 uas399 sp coverage by r in retirement #1 |
| r12herts2 | w12 uas23 sp coverage by r in retirement #2  |
| r13herts2 | w13 uas98 sp coverage by r in retirement #2  |
|           |  |

| r14herts2 | w14 uas188 sp coverage by r in retirement #2 |
|-----------|--|
| r15herts2 | w15 uas399 sp coverage by r in retirement #2 |
| r12herts3 | w12 uas23 sp coverage by r in retirement #3  |
| r13herts3 | w13 uas98 sp coverage by r in retirement #3  |
| r14herts3 | w14 uas188 sp coverage by r in retirement #3 |
| r15herts3 | w15 uas399 sp coverage by r in retirement #3 |
| r12hesrc1 | w12 uas23 source of r empl plan #1           |
| r13hesrc1 | w13 uas98 source of r empl plan #1           |
| r14hesrc1 | w14 uas188 source of r empl plan #1          |
| r15hesrc1 | w15 uas399 source of r empl plan #1          |
| r12hesrc2 | w12 uas23 source of r empl plan #2           |
| r13hesrc2 | w13 uas98 source of r empl plan #2           |
| r14hesrc2 | w14 uas188 source of r empl plan #2          |
| r15hesrc2 | w15 uas399 source of r empl plan #2          |
| r12hesrc3 | w12 uas23 source of r empl plan #3           |
| r13hesrc3 | w13 uas98 source of r empl plan #3           |
| r14hesrc3 | w14 uas188 source of r empl plan #3          |
| r15hesrc3 | w15 uas399 source of r empl plan #3          |
| r12higov  | w12 uas23 r is covered by gov plan           |
| r13higov  | w13 uas98 r is covered by gov plan           |
| r14higov  | w14 uas188 r is covered by gov plan          |
| r15higov  | w15 uas399 r is covered by gov plan          |
| r12hiltc  | w12 uas23 r has long term care ins           |
| r13hiltc  | w13 uas98 r has long term care ins           |
| r14hiltc  | w14 uas188 r has long term care ins          |
| r15hiltc  | w15 uas399 r has long term care ins          |
| r12hiothp | w12 uas23 r has other ins                    |
| r13hiothp | w13 uas98 r has other ins                    |
| r14hiothp | w14 uas188 r has other ins                   |
| r15hiothp | w15 uas399 r has other ins                   |
| <u></u>   |  |

| r12lifein | w12 uas25 r has life insurance              |
|-----------|---|
| r13lifein | w13 uas100 r has life insurance             |
| r14lifein | w14 uas190 r has life insurance             |
| r15lifein | w15 uas401 r has life insurance             |
| r12tyltc  | w12 uas23 r type of long term care ins      |
| r13tyltc  | w13 uas98 r type of long term care ins      |
| r14tyltc  | w14 uas188 r type of long term care ins     |
| r15tyltc  | w15 uas399 r type of long term care ins     |
| r12heret  | w12 uas23 r covered in retirement /summary  |
| r13heret  | w13 uas98 r covered in retirement /summary  |
| r14heret  | w14 uas188 r covered in retirement /summary |
| r15heret  | w15 uas399 r covered in retirement /summary |

Table A.6 UAS HRS Employment History Variables included in the Comprehensive File

| Variable Name | Variable Label                                      |
|---------------|---|
| r12fsize      | w12 uas22 size of firm or business                  |
| r13fsize      | w13 uas97 size of firm or business                  |
| r14fsize      | w14 uas187 size of firm or business                 |
| r15fsize      | w15 uas398 size of firm or business                 |
| r13fsizef     | w13 uas97 value carried forward from previous wave  |
| r14fsizef     | w14 uas187 value carried forward from previous wave |
| r15fsizef     | w15 uas398 value carried forward from previous wave |
| r12inlbrf     | w12 uas22 equals 1 if r is in labor force           |
| r13inlbrf     | w13 uas97 equals 1 if r is in labor force           |
| r14inlbrf     | w14 uas187 equals 1 if r is in labor force          |
| r15inlbrf     | w15 uas398 equals 1 if r is in labor force          |
| r12jcoccc     | w12 uas22 current occupation (2018 census code)     |
| r13jcoccc     | w13 uas97 current occupation (2018 census code)     |
| r14jcoccc     | w14 uas187 current occupation (2018 census code)    |
| r15jcoccc     | w15 uas398 current occupation (2018 census code)    |
| r12jcten      | w12 uas22 current job tenure                        |
| r13jcten      | w13 uas97 current job tenure                        |
| r14jcten      | w14 uas187 current job tenure                       |
| r15jcten      | w15 uas398 current job tenure                       |
| r12jhour2     | w12 uas22 hours worked/week 2nd job                 |
| r13jhour2     | w13 uas97 hours worked/week 2nd job                 |
| r14jhour2     | w14 uas187 hours worked/week 2nd job                |
| r15jhour2     | w15 uas398 hours worked/week 2nd job                |
| r12jhours     | w12 uas22 hours worked/week main job                |
| r13jhours     | w13 uas97 hours worked/week main job                |
| r14jhours     | w14 uas187 hours worked/week main job               |
| r15jhours     | w15 uas398 hours worked/week main job               |
| r12jjobs      | w12 uas22 status of r job history                   |

| r13jjobs  | w13 uas97 status of r job history                                       |
|-----------|---|
| r14jjobs  | w14 uas187 status of r job history                                      |
|           |   |
| r15jjobs  | w15 uas398 status of r job history                                      |
| r12jlastm | w12 uas22 month last worked/not workng                                  |
| r13jlastm | w13 uas97 month last worked/not workng                                  |
| r14jlastm | w14 uas187 month last worked/not workng                                 |
| r15jlastm | w15 uas398 month last worked/not workng                                 |
| r12jlasty | w12 uas22 year last worked/not working                                  |
| r13jlasty | w13 uas97 year last worked/not working                                  |
| r14jlasty | w14 uas187 year last worked/not working                                 |
| r15jlasty | w15 uas398 year last worked/not working                                 |
| r12jlift  | w12 uas22 cur job req lift heavy loads                                  |
| r13jlift  | w13 uas97 cur job req lift heavy loads                                  |
| r14jlift  | w14 uas187 cur job req lift heavy loads                                 |
| r15jlift  | w15 uas398 cur job req lift heavy loads                                 |
| r12jlmis  | w12 uas22 longest job # jobs date=miss                                  |
| r13jlmis  | w13 uas97 longest job # jobs date=miss                                  |
| r14jlmis  | w14 uas187 longest job # jobs date=miss                                 |
| r15jlmis  | w15 uas398 longest job # jobs date=miss                                 |
| r12jloccc | w12 uas22 r occupation with longest reported tenure (2018 census code)  |
| r13jloccc | w13 uas97 r occupation with longest reported tenure (2018 census code)  |
| r14jloccc | w14 uas187 r occupation with longest reported tenure (2018 census code) |
| r15jloccc | w15 uas398 r occupation with longest reported tenure (2018 census code) |
| r12jlten  | w12 uas22 longest reported job tenure                                   |
| r13jlten  | w13 uas97 longest reported job tenure                                   |
| r14jlten  | w14 uas187 longest reported job tenure                                  |
| r15jlten  | w15 uas398 longest reported job tenure                                  |
| r12jmiss  | w12 uas22 # jobs with missing dates                                     |
| r13jmiss  | w13 uas97 # jobs with missing dates                                     |
| r14jmiss  | w14 uas187 # jobs with missing dates                                    |
|           |   |

| r15jmiss  | w15 uas398 # jobs with missing dates      |
|-----------|---|
| r12jnjob  | w12 uas22 # jobs reported                 |
| r13jnjob  | w13 uas97 # jobs reported                 |
| r14jnjob  | w14 uas187 # jobs reported                |
| r15jnjob  | w15 uas398 # jobs reported                |
| r12jnjob5 | w12 uas22 # 5+ year-jobs reported         |
| r13jnjob5 | w13 uas97 # 5+ year-jobs reported         |
| r14jnjob5 | w14 uas187 # 5+ year-jobs reported        |
| r15jnjob5 | w15 uas398 # 5+ year-jobs reported        |
| r12jphys  | w12 uas22 cur job req lots phys effort    |
| r13jphys  | w13 uas97 cur job req lots phys effort    |
| r14jphys  | w14 uas187 cur job req lots phys effort   |
| r15jphys  | w15 uas398 cur job req lots phys effort   |
| r12jsight | w12 uas22 cur job req good eyesight       |
| r13jsight | w13 uas97 cur job req good eyesight       |
| r14jsight | w14 uas187 cur job req good eyesight      |
| r15jsight | w15 uas398 cur job req good eyesight      |
| r12jstoop | w12 uas22 cur job req stoop/kneel/crouch  |
| r13jstoop | w13 uas97 cur job req stoop/kneel/crouch  |
| r14jstoop | w14 uas187 cur job req stoop/kneel/crouch |
| r15jstoop | w15 uas398 cur job req stoop/kneel/crouch |
| r12jstres | w12 uas22 cur job involves much stress    |
| r13jstres | w13 uas97 cur job involves much stress    |
| r14jstres | w14 uas187 cur job involves much stress   |
| r15jstres | w15 uas398 cur job involves much stress   |
| r12jweek2 | w12 uas22 weeks worked/year 2nd job       |
| r13jweek2 | w13 uas97 weeks worked/year 2nd job       |
| r14jweek2 | w14 uas187 weeks worked/year 2nd job      |
| r15jweek2 | w15 uas398 weeks worked/year 2nd job      |
| r12jweeks | w12 uas22 weeks worked/year main job      |

| r13jweeks | w13 uas97 weeks worked/year main job               |
|-----------|--|
| r14jweeks | w14 uas187 weeks worked/year main job              |
| r15jweeks | w15 uas398 weeks worked/year main job              |
| r12jyearm | w12 uas22 r years worked/missing flag              |
| r13jyearm | w13 uas97 r years worked/missing flag              |
| r14jyearm | w14 uas187 r years worked/missing flag             |
| r15jyearm | w15 uas398 r years worked/missing flag             |
| r12jyears | w12 uas22 r years worked/self-report+job hist      |
| r13jyears | w13 uas97 r years worked/self-report+job hist      |
| r14jyears | w14 uas187 r years worked/self-report+job hist     |
| r15jyears | w15 uas398 r years worked/self-report+job hist     |
| r12lbrf   | w12 uas22 r labor force status                     |
| r13lbrf   | w13 uas97 r labor force status                     |
| r14lbrf   | w14 uas187 r labor force status                    |
| r15lbrf   | w15 uas398 r labor force status                    |
| r12lbrfh  | w12 uas22 labor force status, no week restriction  |
| r13lbrfh  | w13 uas97 labor force status, no week restriction  |
| r14lbrfh  | w14 uas187 labor force status, no week restriction |
| r15lbrfh  | w15 uas398 labor force status, no week restriction |
| r12lbrfy  | w12 uas22 labor force status year round flag       |
| r13lbrfy  | w13 uas97 labor force status year round flag       |
| r14lbrfy  | w14 uas187 labor force status year round flag      |
| r15lbrfy  | w15 uas398 labor force status year round flag      |
| r12retemp | w12 uas22 r gives retired in empstat               |
| r13retemp | w13 uas97 r gives retired in empstat               |
| r14retemp | w14 uas187 r gives retired in empstat              |
| r15retemp | w15 uas398 r gives retired in empstat              |
| r12slfemp | w12 uas22 whether self-employed                    |
| r13slfemp | w13 uas97 whether self-employed                    |
| r14slfemp | w14 uas187 whether self-employed                   |
|           |  |

| 16        |   |
|-----------|---|
| r15slfemp | w15 uas398 whether self-employed                |
| r12unemp  | w12 uas22 equals 1 if r is unemployed           |
| r13unemp  | w13 uas97 equals 1 if r is unemployed           |
| r14unemp  | w14 uas187 equals 1 if r is unemployed          |
| r15unemp  | w15 uas398 equals 1 if r is unemployed          |
| r12union  | w12 uas22 r is covered by a union               |
| r13union  | w13 uas97 r is covered by a union               |
| r14union  | w14 uas187 r is covered by a union              |
| r15union  | w15 uas398 r is covered by a union              |
| r13unionf | w13 uas97 carried forward value from prev wave  |
| r14unionf | w14 uas187 carried forward value from prev wave |
| r15unionf | w15 uas398 carried forward value from prev wave |
| r12wgfhr  | w12 uas22 impute flag wage rate-hrly            |
| r13wgfhr  | w13 uas97 impute flag wage rate-hrly            |
| r14wgfhr  | w14 uas187 impute flag wage rate-hrly           |
| r15wgfhr  | w15 uas398 impute flag wage rate-hrly           |
| r12wgfwk  | w12 uas22 impute flag wage rate-wkly            |
| r13wgfwk  | w13 uas97 impute flag wage rate-wkly            |
| r14wgfwk  | w14 uas187 impute flag wage rate-wkly           |
| r15wgfwk  | w15 uas398 impute flag wage rate-wkly           |
| r12wgihr  | w12 uas22 imputed wage rate-hrly                |
| r13wgihr  | w13 uas97 imputed wage rate-hrly                |
| r14wgihr  | w14 uas187 imputed wage rate-hrly               |
| r15wgihr  | w15 uas398 imputed wage rate-hrly               |
| r12wgiwk  | w12 uas22 imputed wage rate-wkly                |
| r13wgiwk  | w13 uas97 imputed wage rate-wkly                |
| r14wgiwk  | w14 uas187 imputed wage rate-wkly               |
| r15wgiwk  | w15 uas398 imputed wage rate-wkly               |
| r12work   | w12 uas22 r working for pay                     |
| r13work   | w13 uas97 r working for pay                     |
| 1         | 1   |

| r14work    | w14 uas187 r working for pay           |
|------------|--|
| r15work    | w15 uas398 r working for pay           |
| r12work2   | w12 uas22 works at 2nd job             |
| r13work2   | w13 uas97 works at 2nd job             |
| r14work2   | w14 uas187 works at 2nd job            |
| r15work2   | w15 uas398 works at 2nd job            |
| r13samejob | w13 uas97 same job title as last wave  |
| r14samejob | w14 uas187 same job title as last wave |
| r15samejob | w15 uas398 same job title as last wave |
| r13samemp  | w13 uas97 same employer as last wave   |
| r14samemp  | w14 uas187 same employer as last wave  |
| r15samemp  | w15 uas398 same employer as last wave  |

Table A.7 UAS HRS Retirement Variables included in the Comprehensive File

| Variable Name | Variable Label                           |
|---------------|--|
| r12sayret     | w12 uas22 r considers self retired       |
| r13sayret     | w13 uas97 r considers self retired       |
| r14sayret     | w14 uas187 r considers self retired      |
| r15sayret     | w15 uas398 r considers self retired      |
| r12retmon     | w12 uas22 month retired if say retired   |
| r13retmon     | w13 uas97 month retired if say retired   |
| r14retmon     | w14 uas187 month retired if say retired  |
| r15retmon     | w15 uas398 month retired if say retired  |
| r12retyr      | w12 uas22 year retired if say retired    |
| r13retyr      | w13 uas97 year retired if say retired    |
| r14retyr      | w14 uas187 year retired if say retired   |
| r15retyr      | w15 uas398 year retired if say retired   |
| r12retdtwv    | w12 uas22 wave retirement date reported  |
| r13retdtwv    | w13 uas97 wave retirement date reported  |
| r14retdtwv    | w14 uas187 wave retirement date reported |
| r15retdtwv    | w15 uas398 wave retirement date reported |
| r12retsat     | w12 uas22 ret satisfying                 |
| r13retsat     | w13 uas97 ret satisfying                 |
| r14retsat     | w14 uas187 ret satisfying                |
| r15retsat     | w15 uas398 ret satisfying                |
| r12ryrcmp     | w12 uas22 ret yrs compared to before     |
| r13ryrcmp     | w13 uas97 ret yrs compared to before     |
| r14ryrcmp     | w14 uas187 ret yrs compared to before    |
| r15ryrcmp     | w15 uas398 ret yrs compared to before    |
| r12liv75      | w12 uas23 r probability to live 75+      |
| r13liv75      | w13 uas98 r probability to live 75+      |
| r14liv75      | w14 uas188 r probability to live 75+     |
| r15liv75      | w15 uas399 r probability to live 75+     |

| r1.3 ;,,7E.5 | w12 usc32 Iftab prob live 75 : /r aurage                   |
|--------------|--|
| r12liv75p    | w12 uas23 lftab prob live 75+/r curage                     |
| r13liv75p    | w13 uas98 lftab prob live 75+/r curage                     |
| r14liv75p    | w14 uas188 lftab prob live 75+/r curage                    |
| r15liv75p    | w15 uas399 lftab prob live 75+/r curage                    |
| r13liv75c    | w13 uas98 chg live 75+: r/lftab ratio                      |
| r14liv75c    | w14 uas188 chg live 75+: r/lftab ratio                     |
| r15liv75c    | w15 uas399 chg live 75+: r/lftab ratio                     |
| r13liv75f    | w13 uas98 flag liv75c, # prv iw                            |
| r14liv75f    | w14 uas188 flag liv75c, # prv iw                           |
| r15liv75f    | w15 uas399 flag liv75c, # prv iw                           |
| r12liv10a    | w12 uas23 age used in live 80-100/85 q                     |
| r13liv10a    | w13 uas98 age used in live 80-100/85 q                     |
| r14liv10a    | w14 uas188 age used in live 80-100/85 q                    |
| r15liv10a    | w15 uas399 age used in live 80-100/85 q                    |
| r12liv10     | w12 uas23 r probability to live 80-100                     |
| r13liv10     | w13 uas98 r probability to live 80-100                     |
| r14liv10     | w14 uas188 r probability to live 80-100                    |
| r15liv10     | w15 uas399 r probability to live 80-100                    |
| r12liv10p    | w12 uas23 lftab prob live 80-100/r curage                  |
| r13liv10p    | w13 uas98 lftab prob live 80-100/r curage                  |
| r14liv10p    | w14 uas188 lftab prob live 80-100/r curage                 |
| r15liv10p    | w15 uas399 lftab prob live 80-100/r curage                 |
| r13liv8xc    | w13 uas98 chg live 80-100: r/lftab ratio                   |
| r14liv8xc    | w14 uas188 chg live 80-100: r/lftab ratio                  |
| r15liv8xc    | w15 uas399 chg live 80-100: r/lftab ratio                  |
| r13liv8xf    | w13 uas98 flag liv8xc, # prv iw                            |
| r14liv8xf    | w14 uas188 flag liv8xc, # prv iw                           |
| r15liv8xf    | w15 uas399 flag liv8xc, # prv iw                           |
| r12ans3pq    | w12 uas23 r answered the first three probability questions |
| r13ans3pq    | w13 uas98 r answered the first three probability questions |
| <u> </u>     |  |

| r14ans3pq | w14 uas188 r answered the first three probability questions |
|-----------|---|
| r15ans3pq | w15 uas399 r answered the first three probability questions |
| r12pnhm5y | w12 uas23 r prob moving to nhm in 5 yrs                     |
| r13pnhm5y | w13 uas98 r prob moving to nhm in 5 yrs                     |
| r14pnhm5y | w14 uas188 r prob moving to nhm in 5 yrs                    |
| r15pnhm5y | w15 uas399 r prob moving to nhm in 5 yrs                    |
| r12finpln | w12 uas23 r financial planning horizon                      |
| r13finpln | w13 uas98 r financial planning horizon                      |
| r14finpln | w14 uas188 r financial planning horizon                     |
| r15finpln | w15 uas399 r financial planning horizon                     |
| r12beq10k | w12 uas23 r prob leave bequest 10k+                         |
| r13beq10k | w13 uas98 r prob leave bequest 10k+                         |
| r14beq10k | w14 uas188 r prob leave bequest 10k+                        |
| r15beq10k | w15 uas399 r prob leave bequest 10k+                        |
| r12beq100 | w12 uas23 r prob leave bequest 100k+                        |
| r13beq100 | w13 uas98 r prob leave bequest 100k+                        |
| r14beq100 | w14 uas188 r prob leave bequest 100k+                       |
| r15beq100 | w15 uas399 r prob leave bequest 100k+                       |
| r12beq500 | w12 uas23 r prob leave bequest 500k+                        |
| r13beq500 | w13 uas98 r prob leave bequest 500k+                        |
| r14beq500 | w14 uas188 r prob leave bequest 500k+                       |
| r15beq500 | w15 uas399 r prob leave bequest 500k+                       |
| r12beqany | w12 uas23 r prob leave bequest any                          |
| r13beqany | w13 uas98 r prob leave bequest any                          |
| r14beqany | w14 uas188 r prob leave bequest any                         |
| r15beqany | w15 uas399 r prob leave bequest any                         |
| r12work62 | w12 uas23 r prob working ft after 62                        |
| r13work62 | w13 uas98 r prob working ft after 62                        |
| r14work62 | w14 uas188 r prob working ft after 62                       |
| r15work62 | w15 uas399 r prob working ft after 62                       |

| r12work65   | w12 uas23 r prob working ft after 65      |
|-------------|---|
|             |   |
| r13work65   | w13 uas98 r prob working ft after 65      |
| r14work65   | w14 uas188 r prob working ft after 65     |
| r15work65   | w15 uas399 r prob working ft after 65     |
| r12work62f  | w12 uas23 logical skip flag: p62          |
| r13work62f  | w13 uas98 logical skip flag: p62          |
| r14work62f  | w14 uas188 logical skip flag: p62         |
| r15work62f  | w15 uas399 logical skip flag: p62         |
| r12work65f  | w12 uas23 logical skip flag: p65          |
| r13work65f  | w13 uas98 logical skip flag: p65          |
| r14work65f  | w14 uas188 logical skip flag: p65         |
| r15work65f  | w15 uas399 logical skip flag: p65         |
| r12work70   | w12 uas23 r prob working ft after 70      |
| r13work70   | w13 uas98 r prob working ft after 70      |
| r14work70   | w14 uas188 r prob working ft after 70     |
| r15work70   | w15 uas399 r prob working ft after 70     |
| r12work70a  | w12 uas23 r prob working at all after 70  |
| r13work70a  | w13 uas98 r prob working at all after 70  |
| r14work70a  | w14 uas188 r prob working at all after 70 |
| r15work70a  | w15 uas399 r prob working at all after 70 |
| r12work70f  | w12 uas23 logical skip flag: p70          |
| r13work70f  | w13 uas98 logical skip flag: p70          |
| r14work70f  | w14 uas188 logical skip flag: p70         |
| r15work70f  | w15 uas399 logical skip flag: p70         |
| r12work70af | w12 uas23 logical skip flag: p70a         |
| r13work70af | w13 uas98 logical skip flag: p70a         |
| r14work70af | w14 uas188 logical skip flag: p70a        |
| r15work70af | w15 uas399 logical skip flag: p70a        |
| r12rplnyr   | w12 uas22 when r plans to stop work       |
| r13rplnyr   | w13 uas97 when r plans to stop work       |
|             |   |

| r14rplnyr | w14 uas187 when r plans to stop work    |
|-----------|---|
| r15rplnyr | w15 uas398 when r plans to stop work    |
| r12rplnya | w12 uas22 when r thinks will stop work  |
| r13rplnya | w13 uas97 when r thinks will stop work  |
| r14rplnya | w14 uas187 when r thinks will stop work |
| r15rplnya | w15 uas398 when r thinks will stop work |

Table A.8 UAS HRS Pension Variables included in the Comprehensive File

| Variable Name | Variable Label                                   |
|---------------|--|
| r12peninc     | w12 uas22 r currently receiving pension income   |
| r13peninc     | w13 uas97 r currently receiving pension income   |
| r14peninc     | w14 uas187 r currently receiving pension income  |
| r15peninc     | w15 uas398 r currently receiving pension income  |
| r12peni_n     | w12 uas22 # pensions r receives income           |
| r13peni_n     | w13 uas97 # pensions r receives income           |
| r14peni_n     | w14 uas187 # pensions r receives income          |
| r15peni_n     | w15 uas398 # pensions r receives income          |
| r12penic1     | w12 uas22 r pen #1 continue after death          |
| r13penic1     | w13 uas97 r pen #1 continue after death          |
| r14penic1     | w14 uas187 r pen #1 continue after death         |
| r15penic1     | w15 uas398 r pen #1 continue after death         |
| r12penic2     | w12 uas22 r pen #2 continue after death          |
| r13penic2     | w13 uas97 r pen #2 continue after death          |
| r14penic2     | w14 uas187 r pen #2 continue after death         |
| r15penic2     | w15 uas398 r pen #2 continue after death         |
| s12peninc     | w12 uas22 sp currently receiving pension income  |
| s13peninc     | w13 uas97 sp currently receiving pension income  |
| s14peninc     | w14 uas187 sp currently receiving pension income |
| s15peninc     | w15 uas398 sp currently receiving pension income |
| s12peni_n     | w12 uas22 sp # pensions s receives income        |
| s13peni_n     | w13 uas97 sp # pensions s receives income        |
| s14peni_n     | w14 uas187 sp # pensions s receives income       |
| s15peni_n     | w15 uas398 sp # pensions s receives income       |
| s12penic1     | w12 uas22 sp pen #1 continue after death         |
| s13penic1     | w13 uas97 sp pen #1 continue after death         |
| s14penic1     | w14 uas187 sp pen #1 continue after death        |

| s15penic1 | w15 uas398 sp pen #1 continue after death    |
|-----------|--|
| s12penic2 | w12 uas22 sp pen #2 continue after death     |
| s13penic2 | w13 uas97 sp pen #2 continue after death     |
| s14penic2 | w14 uas187 sp pen #2 continue after death    |
| s15penic2 | w15 uas398 sp pen #2 continue after death    |
| r12ptyp1  | w12 uas22 current pension type #1            |
| r13ptyp1  | w13 uas97 current pension type #1            |
| r14ptyp1  | w14 uas187 current pension type #1           |
| r15ptyp1  | w15 uas398 current pension type #1           |
| r12ptyp2  | w12 uas22 current pension type #2            |
| r13ptyp2  | w13 uas97 current pension type #2            |
| r14ptyp2  | w14 uas187 current pension type #2           |
| r15ptyp2  | w15 uas398 current pension type #2           |
| r12ptyp3  | w12 uas22 current pension type #3            |
| r13ptyp3  | w13 uas97 current pension type #3            |
| r14ptyp3  | w14 uas187 current pension type #3           |
| r15ptyp3  | w15 uas398 current pension type #3           |
| r12ptyp4  | w12 uas22 current pension type #4            |
| r13ptyp4  | w13 uas97 current pension type #4            |
| r14ptyp4  | w14 uas187 current pension type #4           |
| r15ptyp4  | w15 uas398 current pension type #4           |
| r12ptypd1 | w12 uas22 current pension type in detail #1  |
| r13ptypd1 | w13 uas97 current pension type in detail #1  |
| r14ptypd1 | w14 uas187 current pension type in detail #1 |
| r15ptypd1 | w15 uas398 current pension type in detail #1 |
| r12ptypd2 | w12 uas22 current pension type in detail #2  |
| r13ptypd2 | w13 uas97 current pension type in detail #2  |
| r14ptypd2 | w14 uas187 current pension type in detail #2 |
| r15ptypd2 | w15 uas398 current pension type in detail #2 |
| r12ptypd3 | w12 uas22 current pension type in detail #3  |
| 1         | 1  |

| r13ptypd3 | w13 uas97 current pension type in detail #3   |
|-----------|---|
| r14ptypd3 | w14 uas187 current pension type in detail #3  |
| r15ptypd3 | w15 uas398 current pension type in detail #3  |
| r12ptypd4 | w12 uas22 current pension type in detail #4   |
| r13ptypd4 | w13 uas97 current pension type in detail #4   |
| r14ptypd4 | w14 uas187 current pension type in detail #4  |
| r15ptypd4 | w15 uas398 current pension type in detail #4  |
| r12jcpen  | w12 uas22 has pension current job             |
| r13jcpen  | w13 uas97 has pension current job             |
| r14jcpen  | w14 uas187 has pension current job            |
| r15jcpen  | w15 uas398 has pension current job            |
| r12penct  | w12 uas22 # pensions current job              |
| r13penct  | w13 uas97 # pensions current job              |
| r14penct  | w14 uas187 # pensions current job             |
| r15penct  | w15 uas398 # pensions current job             |
| r12ptypf1 | w12 uas22 does pension type match detail? #1  |
| r13ptypf1 | w13 uas97 does pension type match detail? #1  |
| r14ptypf1 | w14 uas187 does pension type match detail? #1 |
| r15ptypf1 | w15 uas398 does pension type match detail? #1 |
| r12ptypf2 | w12 uas22 does pension type match detail? #2  |
| r13ptypf2 | w13 uas97 does pension type match detail? #2  |
| r14ptypf2 | w14 uas187 does pension type match detail? #2 |
| r15ptypf2 | w15 uas398 does pension type match detail? #2 |
| r12ptypf3 | w12 uas22 does pension type match detail? #3  |
| r13ptypf3 | w13 uas97 does pension type match detail? #3  |
| r14ptypf3 | w14 uas187 does pension type match detail? #3 |
| r15ptypf3 | w15 uas398 does pension type match detail? #3 |
| r12ptypf4 | w12 uas22 does pension type match detail? #4  |
| r13ptypf4 | w13 uas97 does pension type match detail? #4  |
| r14ptypf4 | w14 uas187 does pension type match detail? #4 |
| 114μιγμ14 | w14 das10/ does pension type match detail! #4 |

| r15ptypf4  | w15 uas398 does pension type match detail? #4  |
|------------|--|
| r12dccont1 | w12 uas22 employee contribution to dc plan #1  |
| r13dccont1 | w13 uas97 employee contribution to dc plan #1  |
| r14dccont1 | w14 uas187 employee contribution to dc plan #1 |
| r15dccont1 | w15 uas398 employee contribution to dc plan #1 |
| r12dccont2 | w12 uas22 employee contribution to dc plan #2  |
| r13dccont2 | w13 uas97 employee contribution to dc plan #2  |
| r14dccont2 | w14 uas187 employee contribution to dc plan #2 |
| r15dccont2 | w15 uas398 employee contribution to dc plan #2 |
| r12dccont3 | w12 uas22 employee contribution to dc plan #3  |
| r13dccont3 | w13 uas97 employee contribution to dc plan #3  |
| r14dccont3 | w14 uas187 employee contribution to dc plan #3 |
| r15dccont3 | w15 uas398 employee contribution to dc plan #3 |
| r12dccont4 | w12 uas22 employee contribution to dc plan #4  |
| r13dccont4 | w13 uas97 employee contribution to dc plan #4  |
| r14dccont4 | w14 uas187 employee contribution to dc plan #4 |
| r15dccont4 | w15 uas398 employee contribution to dc plan #4 |
| r12dcbal1  | w12 uas22 current balance of dc plan #1        |
| r13dcbal1  | w13 uas97 current balance of dc plan #1        |
| r14dcbal1  | w14 uas187 current balance of dc plan #1       |
| r15dcbal1  | w15 uas398 current balance of dc plan #1       |
| r12dcbal2  | w12 uas22 current balance of dc plan #2        |
| r13dcbal2  | w13 uas97 current balance of dc plan #2        |
| r14dcbal2  | w14 uas187 current balance of dc plan #2       |
| r15dcbal2  | w15 uas398 current balance of dc plan #2       |
| r12dcbal3  | w12 uas22 current balance of dc plan #3        |
| r13dcbal3  | w13 uas97 current balance of dc plan #3        |
| r14dcbal3  | w14 uas187 current balance of dc plan #3       |
| r15dcbal3  | w15 uas398 current balance of dc plan #3       |
| r12dcbal4  | w12 uas22 current balance of dc plan #4        |
| L          |  |

| r13dcbal4  | w13 uas97 current balance of dc plan #4        |
|------------|--|
| r14dcbal4  | w14 uas187 current balance of dc plan #4       |
| r15dcbal4  | w15 uas398 current balance of dc plan #4       |
| r12dcbene1 | w12 uas22 employer contribution to dc plan #1  |
| r13dcbene1 | w13 uas97 employer contribution to dc plan #1  |
| r14dcbene1 | w14 uas187 employer contribution to dc plan #1 |
| r15dcbene1 | w15 uas398 employer contribution to dc plan #1 |
| r12dcbene2 | w12 uas22 employer contribution to dc plan #2  |
| r13dcbene2 | w13 uas97 employer contribution to dc plan #2  |
| r14dcbene2 | w14 uas187 employer contribution to dc plan #2 |
| r15dcbene2 | w15 uas398 employer contribution to dc plan #2 |
| r12dcbene3 | w12 uas22 employer contribution to dc plan #3  |
| r13dcbene3 | w13 uas97 employer contribution to dc plan #3  |
| r14dcbene3 | w14 uas187 employer contribution to dc plan #3 |
| r15dcbene3 | w15 uas398 employer contribution to dc plan #3 |
| r12dcbene4 | w12 uas22 employer contribution to dc plan #4  |
| r13dcbene4 | w13 uas97 employer contribution to dc plan #4  |
| r14dcbene4 | w14 uas187 employer contribution to dc plan #4 |
| r15dcbene4 | w15 uas398 employer contribution to dc plan #4 |
| r12dcmode1 | w12 uas22 employer contribution: \$ or % #1    |
| r13dcmode1 | w13 uas97 employer contribution: \$ or % #1    |
| r14dcmode1 | w14 uas187 employer contribution: \$ or % #1   |
| r15dcmode1 | w15 uas398 employer contribution: \$ or % #1   |
| r12dcmode2 | w12 uas22 employer contribution: \$ or % #2    |
| r13dcmode2 | w13 uas97 employer contribution: \$ or % #2    |
| r14dcmode2 | w14 uas187 employer contribution: \$ or % #2   |
| r15dcmode2 | w15 uas398 employer contribution: \$ or % #2   |
| r12dcmode3 | w12 uas22 employer contribution: \$ or % #3    |
| r13dcmode3 | w13 uas97 employer contribution: \$ or % #3    |
| r14dcmode3 | w14 uas187 employer contribution: \$ or % #3   |
| L          |  |

| r15dcmode3 | w15 uas398 employer contribution: \$ or % #3 |
|------------|--|
| r12dcmode4 | w12 uas22 employer contribution: \$ or % #4  |
| r13dcmode4 | w13 uas97 employer contribution: \$ or % #4  |
| r14dcmode4 | w14 uas187 employer contribution: \$ or % #4 |
| r15dcmode4 | w15 uas398 employer contribution: \$ or % #4 |
| r12dcpct1  | w12 uas22 employer % contribution #1         |
| r13dcpct1  | w13 uas97 employer % contribution #1         |
| r14dcpct1  | w14 uas187 employer % contribution #1        |
| r15dcpct1  | w15 uas398 employer % contribution #1        |
| r12dcpct2  | w12 uas22 employer % contribution #2         |
| r13dcpct2  | w13 uas97 employer % contribution #2         |
| r14dcpct2  | w14 uas187 employer % contribution #2        |
| r15dcpct2  | w15 uas398 employer % contribution #2        |
| r12dcpct3  | w12 uas22 employer % contribution #3         |
| r13dcpct3  | w13 uas97 employer % contribution #3         |
| r14dcpct3  | w14 uas187 employer % contribution #3        |
| r15dcpct3  | w15 uas398 employer % contribution #3        |
| r12dcpct4  | w12 uas22 employer % contribution #4         |
| r13dcpct4  | w13 uas97 employer % contribution #4         |
| r14dcpct4  | w14 uas187 employer % contribution #4        |
| r15dcpct4  | w15 uas398 employer % contribution #4        |

Table A.9 UAS HRS Family Structure Variables included in the Comprehensive File

| Variable Name | Variable Label   |
|---------------|--|
| h12hhres      | w12 uas20 Number of people in HH including R               |
| h13hhres      | w13 uas95 Number of people in HH including R               |
| h14hhres      | w14 uas185 Number of people in HH including R              |
| h15hhres      | w15 uas396 Number of people in HH including R              |
| h12child      | w12 uas20 r+sp number of living children:bio,adopted,step  |
| h13child      | w13 uas95 r+sp number of living children:bio,adopted,step  |
| h14child      | w14 uas185 r+sp number of living children:bio,adopted,step |
| h15child      | w15 uas396 r+sp number of living children:bio,adopted,step |
| r12livbro     | w12 uas21 R Number of living brothers                      |
| r13livbro     | w13 uas96 R Number of living brothers                      |
| r14livbro     | w14 uas186 R Number of living brothers                     |
| r15livbro     | w15 uas397 R Number of living brothers                     |
| r12livsis     | w12 uas21 R Number of living sisters                       |
| r13livsis     | w13 uas96 R Number of living sisters                       |
| r14livsis     | w14 uas186 R Number of living sisters                      |
| r15livsis     | w15 uas397 R Number of living sisters                      |
| r12livsib     | w12 uas21 R Number of living siblings                      |
| r13livsib     | w13 uas96 R Number of living siblings                      |
| r14livsib     | w14 uas186 R Number of living siblings                     |
| r15livsib     | w15 uas397 R Number of living siblings                     |
| r12momliv     | w12 uas21 R Mother alive                                   |
| r13momliv     | w13 uas96 R Mother alive                                   |
| r14momliv     | w14 uas186 R Mother alive                                  |
| r15momliv     | w15 uas397 R Mother alive                                  |
| r12dadliv     | w12 uas21 R Father alive                                   |
| r13dadliv     | w13 uas96 R Father alive                                   |
| r14dadliv     | w14 uas186 R Father alive                                  |

| r15dadliv | w15 uas397 R Father alive                                 |
|-----------|---|
| r12livpar | w12 uas21 R Number of living parents                      |
| r13livpar | w13 uas96 R Number of living parents                      |
| r14livpar | w14 uas186 R Number of living parents                     |
| r15livpar | w15 uas397 R Number of living parents                     |
| r12momage | w12 uas21 R Mother age current/at death                   |
| r13momage | w13 uas96 R Mother age current/at death                   |
| r14momage | w14 uas186 R Mother age current/at death                  |
| r15momage | w15 uas397 R Mother age current/at death                  |
| r12dadage | w12 uas21 R Father age current/at death                   |
| r13dadage | w13 uas96 R Father age current/at death                   |
| r14dadage | w14 uas186 R Father age current/at death                  |
| r15dadage | w15 uas397 R Father age current/at death                  |
| raevbrn   | hrs demog: number of children ever born to R              |
| rameduc   | hrs demog: respondent mother's highest level of education |
| rafeduc   | hrs demog: respondent father's highest level of education |

Table A.10 UAS HRS Social Security Variables included in the Comprehensive File

| Variable Name | Variable Label                                      |
|---------------|---|
| rassrecv      | hrs socsec: r ever received socsecany type          |
| rassagem      | hrs socsec: age/months r start rec socsec           |
| rassageb      | hrs socsec: age r start rec socsec                  |
| sassrecv      | hrs socsec: any spouse ever received socsecany type |
| sassagem      | hrs socsec: age/months sp start rec socsec          |
| sassageb      | hrs socsec: age sp start rec socsec                 |
| radtype1      | hrs socsec episode1: ssdi=1,ssi=2,dk or both=3      |
| radtype2      | hrs socsec episode2: ssdi=1,ssi=2,dk or both=3      |
| radtype3      | hrs socsec episode3: ssdi=1,ssi=2,dk or both=3      |
| radtype4      | hrs socsec episode4: ssdi=1,ssi=2,dk or both=3      |
| radtype5      | hrs socsec episode5: ssdi=1,ssi=2,dk or both=3      |
| radtype6      | hrs socsec episode6: ssdi=1,ssi=2,dk or both=3      |
| radtype7      | hrs socsec episode7: ssdi=1,ssi=2,dk or both=3      |
| radtype8      | hrs socsec episode8: ssdi=1,ssi=2,dk or both=3      |
| radappm1      | hrs socsec episode1: month applied ssi/ssdi         |
| radappm2      | hrs socsec episode2: month applied ssi/ssdi         |
| radappm3      | hrs socsec episode3: month applied ssi/ssdi         |
| radappm4      | hrs socsec episode4: month applied ssi/ssdi         |
| radappm5      | hrs socsec episode5: month applied ssi/ssdi         |
| radappm6      | hrs socsec episode6: month applied ssi/ssdi         |
| radappm7      | hrs socsec episode7: month applied ssi/ssdi         |
| radappm8      | hrs socsec episode8: month applied ssi/ssdi         |
| radappy1      | hrs socsec episode1: year applied ssi/ssdi          |
| radappy2      | hrs socsec episode2: year applied ssi/ssdi          |
| radappy3      | hrs socsec episode3: year applied ssi/ssdi          |
| radappy4      | hrs socsec episode4: year applied ssi/ssdi          |
| radappy5      | hrs socsec episode5: year applied ssi/ssdi          |
| radappy6      | hrs socsec episode6: year applied ssi/ssdi          |

| radappy7 | hrs socsec episode7: year applied ssi/ssdi             |
|----------|--|
| radappy8 | hrs socsec episode8: year applied ssi/ssdi             |
| radream1 | hrs socsec episode1: month reapplied/appealed ssi/ssdi |
| radream2 | hrs socsec episode2: month reapplied/appealed ssi/ssdi |
| radream3 | hrs socsec episode3: month reapplied/appealed ssi/ssdi |
| radream4 | hrs socsec episode4: month reapplied/appealed ssi/ssdi |
| radream5 | hrs socsec episode5: month reapplied/appealed ssi/ssdi |
| radream6 | hrs socsec episode6: month reapplied/appealed ssi/ssdi |
| radream7 | hrs socsec episode7: month reapplied/appealed ssi/ssdi |
| radream8 | hrs socsec episode8: month reapplied/appealed ssi/ssdi |
| radreay1 | hrs socsec episode1: year reapplied/appealed ssi/ssdi  |
| radreay2 | hrs socsec episode2: year reapplied/appealed ssi/ssdi  |
| radreay3 | hrs socsec episode3: year reapplied/appealed ssi/ssdi  |
| radreay4 | hrs socsec episode4: year reapplied/appealed ssi/ssdi  |
| radreay5 | hrs socsec episode5: year reapplied/appealed ssi/ssdi  |
| radreay6 | hrs socsec episode6: year reapplied/appealed ssi/ssdi  |
| radreay7 | hrs socsec episode7: year reapplied/appealed ssi/ssdi  |
| radreay8 | hrs socsec episode8: year reapplied/appealed ssi/ssdi  |
| radrecm1 | hrs socsec episode1: month received ssi/ssdi           |
| radrecm2 | hrs socsec episode2: month received ssi/ssdi           |
| radrecm3 | hrs socsec episode3: month received ssi/ssdi           |
| radrecm4 | hrs socsec episode4: month received ssi/ssdi           |
| radrecm5 | hrs socsec episode5: month received ssi/ssdi           |
| radrecm6 | hrs socsec episode6: month received ssi/ssdi           |
| radrecm7 | hrs socsec episode7: month received ssi/ssdi           |
| radrecm8 | hrs socsec episode8: month received ssi/ssdi           |
| radrecy1 | hrs socsec episode1: year received ssi/ssdi            |
| radrecy2 | hrs socsec episode2: year received ssi/ssdi            |
| radrecy3 | hrs socsec episode3: year received ssi/ssdi            |
| radrecy4 | hrs socsec episode4: year received ssi/ssdi            |
|          |  |

| radrecy5 | hrs socsec episode5: year received ssi/ssdi   |
|----------|---|
| radrecy6 | hrs socsec episode6: year received ssi/ssdi   |
| radrecy7 | hrs socsec episode7: year received ssi/ssdi   |
| radrecy8 | hrs socsec episode8: year received ssi/ssdi   |
| radendm1 | hrs socsec episode1: month ended ssi/ssdi     |
| radendm2 | hrs socsec episode2: month ended ssi/ssdi     |
| radendm3 | hrs socsec episode3: month ended ssi/ssdi     |
| radendm4 | hrs socsec episode4: month ended ssi/ssdi     |
| radendm5 | hrs socsec episode5: month ended ssi/ssdi     |
| radendm6 | hrs socsec episode6: month ended ssi/ssdi     |
| radendm7 | hrs socsec episode7: month ended ssi/ssdi     |
| radendm8 | hrs socsec episode8: month ended ssi/ssdi     |
| radendy1 | hrs socsec episode1: year ended ssi/ssdi      |
| radendy2 | hrs socsec episode2: year ended ssi/ssdi      |
| radendy3 | hrs socsec episode3: year ended ssi/ssdi      |
| radendy4 | hrs socsec episode4: year ended ssi/ssdi      |
| radendy5 | hrs socsec episode5: year ended ssi/ssdi      |
| radendy6 | hrs socsec episode6: year ended ssi/ssdi      |
| radendy7 | hrs socsec episode7: year ended ssi/ssdi      |
| radendy8 | hrs socsec episode8: year ended ssi/ssdi      |
| radstat1 | hrs socsec episode1: episode status           |
| radstat2 | hrs socsec episode2: episode status           |
| radstat3 | hrs socsec episode3: episode status           |
| radstat4 | hrs socsec episode4: episode status           |
| radstat5 | hrs socsec episode5: episode status           |
| radstat6 | hrs socsec episode6: episode status           |
| radstat7 | hrs socsec episode7: episode status           |
| radstat8 | hrs socsec episode8: episode status           |
| radnepi  | hrs socsec: total number of ssdi/ssi episodes |
| radappd1 | hrs socsec episode1: date applied ssi/ssdi    |
| L        | 1   |

| radappd2 | hrs socsec episode2: date applied ssi/ssdi            |
|----------|---|
| radappd3 | hrs socsec episode3: date applied ssi/ssdi            |
| radappd4 | hrs socsec episode4: date applied ssi/ssdi            |
| radappd5 | hrs socsec episode5: date applied ssi/ssdi            |
| radappd6 | hrs socsec episode6: date applied ssi/ssdi            |
| radappd7 | hrs socsec episode7: date applied ssi/ssdi            |
| radappd8 | hrs socsec episode8: date applied ssi/ssdi            |
| radread1 | hrs socsec episode1: date reapplied/appealed ssi/ssdi |
| radread2 | hrs socsec episode2: date reapplied/appealed ssi/ssdi |
| radread3 | hrs socsec episode3: date reapplied/appealed ssi/ssdi |
| radread4 | hrs socsec episode4: date reapplied/appealed ssi/ssdi |
| radread5 | hrs socsec episode5: date reapplied/appealed ssi/ssdi |
| radread6 | hrs socsec episode6: date reapplied/appealed ssi/ssdi |
| radread7 | hrs socsec episode7: date reapplied/appealed ssi/ssdi |
| radread8 | hrs socsec episode8: date reapplied/appealed ssi/ssdi |
| radrecd1 | hrs socsec episode1: date received ssi/ssdi           |
| radrecd2 | hrs socsec episode2: date received ssi/ssdi           |
| radrecd3 | hrs socsec episode3: date received ssi/ssdi           |
| radrecd4 | hrs socsec episode4: date received ssi/ssdi           |
| radrecd5 | hrs socsec episode5: date received ssi/ssdi           |
| radrecd6 | hrs socsec episode6: date received ssi/ssdi           |
| radrecd7 | hrs socsec episode7: date received ssi/ssdi           |
| radrecd8 | hrs socsec episode8: date received ssi/ssdi           |
| radendd1 | hrs socsec episode1: date ended ssi/ssdi              |
| radendd2 | hrs socsec episode2: date ended ssi/ssdi              |
| radendd3 | hrs socsec episode3: date ended ssi/ssdi              |
| radendd4 | hrs socsec episode4: date ended ssi/ssdi              |
| radendd5 | hrs socsec episode5: date ended ssi/ssdi              |
| radendd6 | hrs socsec episode6: date ended ssi/ssdi              |
| radendd7 | hrs socsec episode7: date ended ssi/ssdi              |
|          | 1   |

| radendd8  | hrs socsec episode8: date ended ssi/ssdi                            |
|-----------|---|
| r12dssamt | w12 uas22 amt received last month ssdi                              |
| r13dssamt | w13 uas97 amt received last month ssdi                              |
| r14dssamt | w14 uas187 amt received last month ssdi                             |
| r15dssamt | w15 uas398 amt received last month ssdi                             |
| r12dsiamt | w12 uas22 amt received last month ssi                               |
| r13dsiamt | w13 uas97 amt received last month ssi                               |
| r14dsiamt | w14 uas187 amt received last month ssi                              |
| r15dsiamt | w15 uas398 amt received last month ssi                              |
| r12dstat  | w12 uas22 socsec status: 1st digit=dk 2nd digit=ssdi 3rd digit=ssi  |
| r13dstat  | w13 uas97 socsec status: 1st digit=dk 2nd digit=ssdi 3rd digit=ssi  |
| r14dstat  | w14 uas187 socsec status: 1st digit=dk 2nd digit=ssdi 3rd digit=ssi |
| r15dstat  | w15 uas398 socsec status: 1st digit=dk 2nd digit=ssdi 3rd digit=ssi |
| r12ssdi   | w12 uas22 r is receiving ssdi                                       |
| r13ssdi   | w13 uas97 r is receiving ssdi                                       |
| r14ssdi   | w14 uas187 r is receiving ssdi                                      |
| r15ssdi   | w15 uas398 r is receiving ssdi                                      |

## APPENDIX B. UAS NON-HRS VARIABLES BY TOPIC LETTER

Table B.1 Topic P Variables included in the Comprehensive File

| Variable Name | Variable Label  |
|---------------|---|
| p12l001       | wv12 uas1 financial literacy:: 2% interest rate over 5 yrs            |
| p13l001       | wv13 uas121 financial literacy:: 2% interest rate over 5 yrs          |
| p14l001       | wv14 uas237 financial literacy:: 2% interest rate over 5 yrs          |
| p15l001       | wv15 uas458 financial literacy:: 2% interest rate over 5 yrs          |
| p12l002       | wv12 uas1 financial literacy:: 20% interest rate over 5 yrs           |
| p13l002       | wv13 uas121 financial literacy:: 20% interest rate over 5 yrs         |
| p14l002       | wv14 uas237 financial literacy:: 20% interest rate over 5 yrs         |
| p15l002       | wv15 uas458 financial literacy:: 20% interest rate over 5 yrs         |
| p12l003       | wv12 uas1 financial literacy:: 1% interest 2% inflation over 1 yr     |
| p13l003       | wv13 uas121 financial literacy:: 1% interest 2% inflation over 1 yr   |
| p14l003       | wv14 uas237 financial literacy:: 1% interest 2% inflation over 1 yr   |
| p15l003       | wv15 uas458 financial literacy:: 1% interest 2% inflation over 1 yr   |
| p12l004       | wv12 uas1 financial literacy:: value of inheritance now vs in 3 yrs   |
| p13l004       | wv13 uas121 financial literacy:: value of inheritance now vs in 3 yrs |
| p14l004       | wv14 uas237 financial literacy:: value of inheritance now vs in 3 yrs |
| p15l004       | wv15 uas458 financial literacy:: value of inheritance now vs in 3 yrs |
| p12l005       | wv12 uas1 financial literacy:: price/income doubled                   |
| p13l005       | wv13 uas121 financial literacy:: price/income doubled                 |
| p14l005       | wv14 uas237 financial literacy:: price/income doubled                 |
| p15l005       | wv15 uas458 financial literacy:: price/income doubled                 |
| p12d001       | wv12 uas1 financial literacy:: main function of stock market          |
| p13d001       | wv13 uas121 financial literacy:: main function of stock market        |
| p14d001       | wv14 uas237 financial literacy:: main function of stock market        |
| p15d001       | wv15 uas458 financial literacy:: main function of stock market        |
| p12d002       | wv12 uas1 financial literacy:: mutual fund                            |
| p13d002       | wv13 uas121 financial literacy:: mutual fund                          |

| p14d002            | wv14 uas237 financial literacy:: mutual fund                                     |
|--------------------|--|
| p15d002            | wv15 uas458 financial literacy:: mutual fund                                     |
| p12p001_randomizer | wv12 uas1 financial literacy:: p001 about rise (=1) or about fall (=2)           |
| p13p001_randomizer | wv13 uas121 financial literacy:: p001 about rise (=1) or about fall (=2)         |
| p14p001_randomizer | wv14 uas237 financial literacy:: p001 about rise (=1) or about fall (=2)         |
| p15p001_randomizer | wv15 uas458 financial literacy:: p001 about rise (=1) or about fall (=2)         |
| p12p001            | wv12 uas1 financial literacy:: interest rate change effect on bond prices        |
| p13p001            | wv13 uas121 financial literacy:: interest rate change effect on bond prices      |
| p14p001            | wv14 uas237 financial literacy:: interest rate change effect on bond prices      |
| p15p001            | wv15 uas458 financial literacy:: interest rate change effect on bond prices      |
| p12p002_randomizer | wv12 uas1 financial literacy:: p002 abt single company (=1) or abt stocks (=2)   |
| p13p002_randomizer | wv13 uas121 financial literacy:: p002 abt single company (=1) or abt stocks (=2) |
| p14p002_randomizer | wv14 uas237 financial literacy:: p002 abt single company (=1) or abt stocks (=2) |
| p15p002_randomizer | wv15 uas458 financial literacy:: p002 abt single company (=1) or abt stocks (=2) |
| p12p002            | wv12 uas1 financial literacy:: safer return                                      |
| p13p002            | wv13 uas121 financial literacy:: safer return                                    |
| p14p002            | wv14 uas237 financial literacy:: safer return                                    |
| p15p002            | wv15 uas458 financial literacy:: safer return                                    |
| p12p003_randomizer | wv12 uas1 financial literacy:: p003 abt stocks(=1) or abt bonds(=2)              |
| p13p003_randomizer | wv13 uas121 financial literacy:: p003 abt stocks(=1) or abt bonds(=2)            |
| p14p003_randomizer | wv14 uas237 financial literacy:: p003 abt stocks(=1) or abt bonds(=2)            |
| p15p003_randomizer | wv15 uas458 financial literacy:: p003 abt stocks(=1) or abt bonds(=2)            |
| p12p003            | wv12 uas1 financial literacy:: riskier stocks/bonds                              |
| p13p003            | wv13 uas121 financial literacy:: riskier stocks/bonds                            |
| p14p003            | wv14 uas237 financial literacy:: riskier stocks/bonds                            |
| p15p003            | wv15 uas458 financial literacy:: riskier stocks/bonds                            |
| p12p004            | wv12 uas1 financial literacy:: highest returns - savings/bonds/stocks            |
| p13p004            | wv13 uas121 financial literacy:: highest returns - savings/bonds/stocks          |
| p14p004            | wv14 uas237 financial literacy:: highest returns - savings/bonds/stocks          |
| p15p004            | wv15 uas458 financial literacy:: highest returns - savings/bonds/stocks          |

| p12p005        | wv12 uas1 financial literacy:: highest fluctuations - savings/bonds/stocks   |
|----------------|--|
| p13p005        | wv13 uas121 financial literacy:: highest fluctuations - savings/bonds/stocks |
| p14p005        | wv14 uas237 financial literacy:: highest fluctuations - savings/bonds/stocks |
| p15p005        | wv15 uas458 financial literacy:: highest fluctuations - savings/bonds/stocks |
| p12p006        | wv12 uas1 financial literacy:: risk of owning different assets               |
| p13p006        | wv13 uas121 financial literacy:: risk of owning different assets             |
| p14p006        | wv14 uas237 financial literacy:: risk of owning different assets             |
| p15p006        | wv15 uas458 financial literacy:: risk of owning different assets             |
| p12p007        | wv12 uas1 financial literacy:: housing prices                                |
| p13p007        | wv13 uas121 financial literacy:: housing prices                              |
| p14p007        | wv14 uas237 financial literacy:: housing prices                              |
| p15p007        | wv15 uas458 financial literacy:: housing prices                              |
| p12finlitscore | wv12 uas1 financial literacy:: Financial Literacy Score                      |
| p13finlitscore | wv13 uas121 financial literacy:: Financial Literacy Score                    |
| p14finlitscore | wv14 uas237 financial literacy:: Financial Literacy Score                    |
| p15finlitscore | wv15 uas458 financial literacy:: Financial Literacy Score                    |
| p12bif001      | wv12 uas1 big five:: talkative   |
| p13bif001      | wv13 uas121 big five:: talkative   |
| p14bif001      | wv14 uas237 big five:: talkative   |
| p15bif001      | wv15 uas458 big five:: talkative   |
| p12bif002      | wv12 uas1 big five:: finds fault with others                                 |
| p13bif002      | wv13 uas121 big five:: finds fault with others                               |
| p14bif002      | wv14 uas237 big five:: finds fault with others                               |
| p15bif002      | wv15 uas458 big five:: finds fault with others                               |
| p12bif003      | wv12 uas1 big five:: does thorough job                                       |
| p13bif003      | wv13 uas121 big five:: does thorough job                                     |
| p14bif003      | wv14 uas237 big five:: does thorough job                                     |
| p15bif003      | wv15 uas458 big five:: does thorough job                                     |
| p12bif004      | wv12 uas1 big five:: depressed   |
| p13bif004      | wv13 uas121 big five:: depressed   |

| p14bif004 | wv14 uas237 big five:: depressed                |
|-----------|---|
| p15bif004 | wv15 uas458 big five:: depressed                |
| p12bif005 | wv12 uas1 big five:: original                   |
| p13bif005 | wv13 uas121 big five:: original                 |
| p14bif005 | wv14 uas237 big five:: original                 |
| p15bif005 | wv15 uas458 big five:: original                 |
| p12bif006 | wv12 uas1 big five:: reserved                   |
| p13bif006 | wv13 uas121 big five:: reserved                 |
| p14bif006 | wv14 uas237 big five:: reserved                 |
| p15bif006 | wv15 uas458 big five:: reserved                 |
| p12bif007 | wv12 uas1 big five:: helpful and unselfish      |
| p13bif007 | wv13 uas121 big five:: helpful & unselfish      |
| p14bif007 | wv14 uas237 big five:: helpful & unselfish      |
| p15bif007 | wv15 uas458 big five:: helpful & unselfish      |
| p12bif008 | wv12 uas1 big five:: can be somewhat careless   |
| p13bif008 | wv13 uas121 big five:: can be somewhat careless |
| p14bif008 | wv14 uas237 big five:: can be somewhat careless |
| p15bif008 | wv15 uas458 big five:: can be somewhat careless |
| p12bif009 | wv12 uas1 big five:: relaxed                    |
| p13bif009 | wv13 uas121 big five:: relaxed                  |
| p14bif009 | wv14 uas237 big five:: relaxed                  |
| p15bif009 | wv15 uas458 big five:: relaxed                  |
| p12bif010 | wv12 uas1 big five:: curious                    |
| p13bif010 | wv13 uas121 big five:: curious                  |
| p14bif010 | wv14 uas237 big five:: curious                  |
| p15bif010 | wv15 uas458 big five:: curious                  |
| p12bif011 | wv12 uas1 big five:: energetic                  |
| p13bif011 | wv13 uas121 big five:: energetic                |
| p14bif011 | wv14 uas237 big five:: energetic                |
| p15bif011 | wv15 uas458 big five:: energetic                |
| <u> </u>  | · ·   |

| p12bif012 | wv12 uas1 big five:: starts quarrels            |
|-----------|---|
| p13bif012 | wv13 uas121 big five:: starts quarrels          |
| p14bif012 | wv14 uas237 big five:: starts quarrels          |
| p15bif012 | wv15 uas458 big five:: starts quarrels          |
| p12bif013 | wv12 uas1 big five:: reliable worker            |
| p13bif013 | wv13 uas121 big five:: reliable worker          |
| p14bif013 | wv14 uas237 big five:: reliable worker          |
| p15bif013 | wv15 uas458 big five:: reliable worker          |
| p12bif014 | wv12 uas1 big five:: can be tense               |
| p13bif014 | wv13 uas121 big five:: can be tense             |
| p14bif014 | wv14 uas237 big five:: can be tense             |
| p15bif014 | wv15 uas458 big five:: can be tense             |
| p12bif015 | wv12 uas1 big five:: deep thinker               |
| p13bif015 | wv13 uas121 big five:: deep thinker             |
| p14bif015 | wv14 uas237 big five:: deep thinker             |
| p15bif015 | wv15 uas458 big five:: deep thinker             |
| p12bif016 | wv12 uas1 big five:: generates enthusiasm       |
| p13bif016 | wv13 uas121 big five:: generates enthusiasm     |
| p14bif016 | wv14 uas237 big five:: generates enthusiasm     |
| p15bif016 | wv15 uas458 big five:: generates enthusiasm     |
| p12bif017 | wv12 uas1 big five:: forgiving nature           |
| p13bif017 | wv13 uas121 big five:: forgiving nature         |
| p14bif017 | wv14 uas237 big five:: forgiving nature         |
| p15bif017 | wv15 uas458 big five:: forgiving nature         |
| p12bif018 | wv12 uas1 big five:: tends to be disorganized   |
| p13bif018 | wv13 uas121 big five:: tends to be disorganized |
| p14bif018 | wv14 uas237 big five:: tends to be disorganized |
| p15bif018 | wv15 uas458 big five:: tends to be disorganized |
| p12bif019 | wv12 uas1 big five:: worries a lot              |
| p13bif019 | wv13 uas121 big five:: worries a lot            |

| p14bif019 | wv14 uas237 big five:: worries a lot      |
|-----------|---|
| p15bif019 | wv15 uas458 big five:: worries a lot      |
| p12bif020 | wv12 uas1 big five:: active imagination   |
| p13bif020 | wv13 uas121 big five:: active imagination |
| p14bif020 | wv14 uas237 big five:: active imagination |
| p15bif020 | wv15 uas458 big five:: active imagination |
| p12bif021 | wv12 uas1 big five:: tends to be quiet    |
| p13bif021 | wv13 uas121 big five:: tends to be quiet  |
| p14bif021 | wv14 uas237 big five:: tends to be quiet  |
| p15bif021 | wv15 uas458 big five:: tends to be quiet  |
| p12bif022 | wv12 uas1 big five:: trusting             |
| p13bif022 | wv13 uas121 big five:: trusting           |
| p14bif022 | wv14 uas237 big five:: trusting           |
| p15bif022 | wv15 uas458 big five:: trusting           |
| p12bif023 | wv12 uas1 big five:: tends to be lazy     |
| p13bif023 | wv13 uas121 big five:: tends to be lazy   |
| p14bif023 | wv14 uas237 big five:: tends to be lazy   |
| p15bif023 | wv15 uas458 big five:: tends to be lazy   |
| p12bif024 | wv12 uas1 big five:: emotionally stable   |
| p13bif024 | wv13 uas121 big five:: emotionally stable |
| p14bif024 | wv14 uas237 big five:: emotionally stable |
| p15bif024 | wv15 uas458 big five:: emotionally stable |
| p12bif025 | wv12 uas1 big five:: inventive            |
| p13bif025 | wv13 uas121 big five:: inventive          |
| p14bif025 | wv14 uas237 big five:: inventive          |
| p15bif025 | wv15 uas458 big five:: inventive          |
| p12bif026 | wv12 uas1 big five:: assertive            |
| p13bif026 | wv13 uas121 big five:: assertive          |
| p14bif026 | wv14 uas237 big five:: assertive          |
| p15bif026 | wv15 uas458 big five:: assertive          |
| <u> </u>  | ·   |

| p12bif027 | wv12 uas1 big five:: can be cold and aloof              |
|-----------|---|
| p13bif027 | wv13 uas121 big five:: can be cold & aloof              |
| p14bif027 | wv14 uas237 big five:: can be cold & aloof              |
| p15bif027 | wv15 uas458 big five:: can be cold & aloof              |
| p12bif028 | wv12 uas1 big five:: perseveres until finished          |
| p13bif028 | wv13 uas121 big five:: perseveres until finished        |
| p14bif028 | wv14 uas237 big five:: perseveres until finished        |
| p15bif028 | wv15 uas458 big five:: perseveres until finished        |
| p12bif029 | wv12 uas1 big five:: can be moody                       |
| p13bif029 | wv13 uas121 big five:: can be moody                     |
| p14bif029 | wv14 uas237 big five:: can be moody                     |
| p15bif029 | wv15 uas458 big five:: can be moody                     |
| p12bif030 | wv12 uas1 big five:: values artistic experiences        |
| p13bif030 | wv13 uas121 big five:: values artistic experiences      |
| p14bif030 | wv14 uas237 big five:: values artistic experiences      |
| p15bif030 | wv15 uas458 big five:: values artistic experiences      |
| p12bif031 | wv12 uas1 big five:: sometimes shy                      |
| p13bif031 | wv13 uas121 big five:: sometimes shy                    |
| p14bif031 | wv14 uas237 big five:: sometimes shy                    |
| p15bif031 | wv15 uas458 big five:: sometimes shy                    |
| p12bif032 | wv12 uas1 big five:: considerate and kind               |
| p13bif032 | wv13 uas121 big five:: considerate & kind               |
| p14bif032 | wv14 uas237 big five:: considerate & kind               |
| p15bif032 | wv15 uas458 big five:: considerate & kind               |
| p12bif033 | wv12 uas1 big five:: does things efficiently            |
| p13bif033 | wv13 uas121 big five:: does things efficiently          |
| p14bif033 | wv14 uas237 big five:: does things efficiently          |
| p15bif033 | wv15 uas458 big five:: does things efficiently          |
| p12bif034 | wv12 uas1 big five:: remains calm in tense situations   |
| p13bif034 | wv13 uas121 big five:: remains calm in tense situations |
| L         | 1   |

| p14bif034 | wv14 uas237 big five:: remains calm in tense situations |
|-----------|---|
|           |   |
| p15bif034 | wv15 uas458 big five:: remains calm in tense situations |
| p12bif035 | wv12 uas1 big five:: prefers routine work               |
| p13bif035 | wv13 uas121 big five:: prefers routine work             |
| p14bif035 | wv14 uas237 big five:: prefers routine work             |
| p15bif035 | wv15 uas458 big five:: prefers routine work             |
| p12bif036 | wv12 uas1 big five:: outgoing                           |
| p13bif036 | wv13 uas121 big five:: outgoing                         |
| p14bif036 | wv14 uas237 big five:: outgoing                         |
| p15bif036 | wv15 uas458 big five:: outgoing                         |
| p12bif037 | wv12 uas1 big five:: sometimes rude                     |
| p13bif037 | wv13 uas121 big five:: sometimes rude                   |
| p14bif037 | wv14 uas237 big five:: sometimes rude                   |
| p15bif037 | wv15 uas458 big five:: sometimes rude                   |
| p12bif038 | wv12 uas1 big five:: makes plans and follows through    |
| p13bif038 | wv13 uas121 big five:: makes plans & follows through    |
| p14bif038 | wv14 uas237 big five:: makes plans & follows through    |
| p15bif038 | wv15 uas458 big five:: makes plans & follows through    |
| p12bif039 | wv12 uas1 big five:: easily nervous                     |
| p13bif039 | wv13 uas121 big five:: easily nervous                   |
| p14bif039 | wv14 uas237 big five:: easily nervous                   |
| p15bif039 | wv15 uas458 big five:: easily nervous                   |
| p12bif040 | wv12 uas1 big five:: likes to reflect                   |
| p13bif040 | wv13 uas121 big five:: likes to reflect                 |
| p14bif040 | wv14 uas237 big five:: likes to reflect                 |
| p15bif040 | wv15 uas458 big five:: likes to reflect                 |
| p12bif041 | wv12 uas1 big five:: few artistic interests             |
| p13bif041 | wv13 uas121 big five:: few artistic interests           |
| p14bif041 | wv14 uas237 big five:: few artistic interests           |
| p15bif041 | wv15 uas458 big five:: few artistic interests           |

| p12bif042            | wv12 uas1 big five:: likes to cooperate with others            |
|----------------------|--|
| p13bif042            | wv13 uas121 big five:: likes to cooperate with others          |
| p14bif042            | wv14 uas237 big five:: likes to cooperate with others          |
| p15bif042            | wv15 uas458 big five:: likes to cooperate with others          |
| p12bif043            | wv12 uas1 big five:: easily distracted                         |
| p13bif043            | wv13 uas121 big five:: easily distracted                       |
| p14bif043            | wv14 uas237 big five:: easily distracted                       |
| p15bif043            | wv15 uas458 big five:: easily distracted                       |
| p12bif044            | wv12 uas1 big five:: sophisticated in art/music/literature     |
| p13bif044            | wv13 uas121 big five:: sophisticated in art/music/literature   |
| p14bif044            | wv14 uas237 big five:: sophisticated in art/music/literature   |
| p15bif044            | wv15 uas458 big five:: sophisticated in art/music/literature   |
| p12agreeableness     | wv12 uas1 big five:: Agreeableness Score (maximum of 45)       |
| p13agreeableness     | wv13 uas121 big five:: Agreeableness Score (maximum of 45)     |
| p14agreeableness     | wv14 uas237 big five:: Agreeableness Score (maximum of 45)     |
| p15agreeableness     | wv15 uas458 big five:: Agreeableness Score (maximum of 45)     |
| p12conscientiousness | wv12 uas1 big five:: Conscientiousness Score (maximum of 45)   |
| p13conscientiousness | wv13 uas121 big five:: Conscientiousness Score (maximum of 45) |
| p14conscientiousness | wv14 uas237 big five:: Conscientiousness Score (maximum of 45) |
| p15conscientiousness | wv15 uas458 big five:: Conscientiousness Score (maximum of 45) |
| p12extroversion      | wv12 uas1 big five:: Extroversion Score (maximum of 40)        |
| p13extroversion      | wv13 uas121 big five:: Extroversion Score (maximum of 40)      |
| p14extroversion      | wv14 uas237 big five:: Extroversion Score (maximum of 40)      |
| p15extroversion      | wv15 uas458 big five:: Extroversion Score (maximum of 40)      |
| p12neuroticism       | wv12 uas1 big five:: Neuroticism Score (maximum of 40)         |
| p13neuroticism       | wv13 uas121 big five:: Neuroticism Score (maximum of 40)       |
| p14neuroticism       | wv14 uas237 big five:: Neuroticism Score (maximum of 40)       |
| p15neuroticism       | wv15 uas458 big five:: Neuroticism Score (maximum of 40)       |
| p12openness          | wv12 uas1 big five:: Openness Score (maximum of 50)            |
| p13openness          | wv13 uas121 big five:: Openness Score (maximum of 50)          |
| pi3openness          | WV13 uas121 big five:: Openness Score (maximum of 50)          |

| p14openness | wv14 uas237 big five:: Openness Score (maximum of 50)                           |
|-------------|---|
| p15openness | wv15 uas458 big five:: Openness Score (maximum of 50)                           |
| p12admc1    | wv12 uas1 A-DMC, consistency in risk perception:: eat pizza next yr             |
| p13admc1    | wv13 uas121 A-DMC, consistency in risk perception:: eat pizza next yr           |
| p14admc1    | wv14 uas237 A-DMC, consistency in risk perception:: eat pizza next yr           |
| p15admc1    | wv15 uas458 A-DMC, consistency in risk perception:: eat pizza next yr           |
| p12admc2    | wv12 uas1 A-DMC, consistency in risk perception:: flu next yr                   |
| p13admc2    | wv13 uas121 A-DMC, consistency in risk perception:: flu next yr                 |
| p14admc2    | wv14 uas237 A-DMC, consistency in risk perception:: flu next yr                 |
| p15admc2    | wv15 uas458 A-DMC, consistency in risk perception:: flu next yr                 |
| p12admc3    | wv12 uas1 A-DMC, consistency in risk perception:: car accident next yr          |
| p13admc3    | wv13 uas121 A-DMC, consistency in risk perception:: car accident next yr        |
| p14admc3    | wv14 uas237 A-DMC, consistency in risk perception:: car accident next yr        |
| p15admc3    | wv15 uas458 A-DMC, consistency in risk perception:: car accident next yr        |
| p12admc4    | wv12 uas1 A-DMC, consistency in risk perception:: cavity filled next yr         |
| p13admc4    | wv13 uas121 A-DMC, consistency in risk perception:: cavity filled next yr       |
| p14admc4    | wv14 uas237 A-DMC, consistency in risk perception:: cavity filled next yr       |
| p15admc4    | wv15 uas458 A-DMC, consistency in risk perception:: cavity filled next yr       |
| p12admc6    | wv12 uas1 A-DMC, consistency in risk perception:: stolen from next yr           |
| p13admc6    | wv13 uas121 A-DMC, consistency in risk perception:: stolen from next yr         |
| p14admc6    | wv14 uas237 A-DMC, consistency in risk perception:: stolen from next yr         |
| p15admc6    | wv15 uas458 A-DMC, consistency in risk perception:: stolen from next yr         |
| p12admc7    | wv12 uas1 A-DMC, consistency in risk perception:: move to other state next yr   |
| p13admc7    | wv13 uas121 A-DMC, consistency in risk perception:: move to other state next yr |
| p14admc7    | wv14 uas237 A-DMC, consistency in risk perception:: move to other state next yr |
| p15admc7    | wv15 uas458 A-DMC, consistency in risk perception:: move to other state next yr |
| p12admc9    | wv12 uas1 A-DMC, consistency in risk perception:: home broken into next yr      |
| p13admc9    | wv13 uas121 A-DMC, consistency in risk perception:: home broken into next yr    |
| p14admc9    | wv14 uas237 A-DMC, consistency in risk perception:: home broken into next yr    |
| p15admc9    | wv15 uas458 A-DMC, consistency in risk perception:: home broken into next yr    |

| p12admc10 | wv12 uas1 A-DMC, consistency in risk perception:: stay in same state next yr    |
|-----------|---|
| p13admc10 | wv13 uas121 A-DMC, consistency in risk perception:: stay in same state next yr  |
| p14admc10 | wv14 uas237 A-DMC, consistency in risk perception:: stay in same state next yr  |
| p15admc10 | wv15 uas458 A-DMC, consistency in risk perception:: stay in same state next yr  |
| p12admc11 | wv12 uas1 A-DMC, consistency in risk perception:: dentist visit next yr         |
| p13admc11 | wv13 uas121 A-DMC, consistency in risk perception:: dentist visit next yr       |
| p14admc11 | wv14 uas237 A-DMC, consistency in risk perception:: dentist visit next yr       |
| p15admc11 | wv15 uas458 A-DMC, consistency in risk perception:: dentist visit next yr       |
| p12admc12 | wv12 uas1 A-DMC, consistency in risk perception:: no driving accdents next yr   |
| p13admc12 | wv13 uas121 A-DMC, consistency in risk perception:: no driving accdents next yr |
| p14admc12 | wv14 uas237 A-DMC, consistency in risk perception:: no driving accdents next yr |
| p15admc12 | wv15 uas458 A-DMC, consistency in risk perception:: no driving accdents next yr |
| p12admc13 | wv12 uas1 A-DMC, consistency in risk perception:: car accident next 5 yrs       |
| p13admc13 | wv13 uas121 A-DMC, consistency in risk perception:: car accident next 5 yrs     |
| p14admc13 | wv14 uas237 A-DMC, consistency in risk perception:: car accident next 5 yrs     |
| p15admc13 | wv15 uas458 A-DMC, consistency in risk perception:: car accident next 5 yrs     |
| p12admc14 | wv12 uas1 A-DMC, consistency in risk perception:: cavity filled next 5 yrs      |
| p13admc14 | wv13 uas121 A-DMC, consistency in risk perception:: cavity filled next 5 yrs    |
| p14admc14 | wv14 uas237 A-DMC, consistency in risk perception:: cavity filled next 5 yrs    |
| p15admc14 | wv15 uas458 A-DMC, consistency in risk perception:: cavity filled next 5 yrs    |
| p12admc16 | wv12 uas1 A-DMC, consistency in risk perception:: stolen from next 5 yrs        |
| p13admc16 | wv13 uas121 A-DMC, consistency in risk perception:: stolen from next 5 yrs      |
| p14admc16 | wv14 uas237 A-DMC, consistency in risk perception:: stolen from next 5 yrs      |
| p15admc16 | wv15 uas458 A-DMC, consistency in risk perception:: stolen from next 5 yrs      |
| p12admc17 | wv12 uas1 A-DMC, consistency in risk perception:: move other state next 5 yrs   |
| p13admc17 | wv13 uas121 A-DMC, consistency in risk perception:: move other state next 5 yrs |
| p14admc17 | wv14 uas237 A-DMC, consistency in risk perception:: move other state next 5 yrs |
| p15admc17 | wv15 uas458 A-DMC, consistency in risk perception:: move other state next 5 yrs |
| p12admc19 | wv12 uas1 A-DMC, consistency in risk perception:: home broken into next 5 yrs   |
| p13admc19 | wv13 uas121 A-DMC, consistency in risk perception:: home broken into next 5 yrs |

| p14admc19 | wv14 uas237 A-DMC, consistency in risk perception:: home broken into next 5 yrs |
|-----------|---|
| p15admc19 | wv15 uas458 A-DMC, consistency in risk perception:: home broken into next 5 yrs |
| p12admc20 | wv12 uas1 A-DMC, consistency in risk perception:: stay same state next 5 yrs    |
| p13admc20 | wv13 uas121 A-DMC, consistency in risk perception:: stay same state next 5 yrs  |
| p14admc20 | wv14 uas237 A-DMC, consistency in risk perception:: stay same state next 5 yrs  |
| p15admc20 | wv15 uas458 A-DMC, consistency in risk perception:: stay same state next 5 yrs  |
| p12admc21 | wv12 uas1 A-DMC, consistency in risk perception:: dentist visit next 5 yrs      |
| p13admc21 | wv13 uas121 A-DMC, consistency in risk perception:: dentist visit next 5 yrs    |
| p14admc21 | wv14 uas237 A-DMC, consistency in risk perception:: dentist visit next 5 yrs    |
| p15admc21 | wv15 uas458 A-DMC, consistency in risk perception:: dentist visit next 5 yrs    |
| p12admc22 | wv12 uas1 A-DMC, consistency in risk perception:: no drive accdnts next 5 yrs   |
| p13admc22 | wv13 uas121 A-DMC, consistency in risk perception:: no drive accdnts next 5 yrs |
| p14admc22 | wv14 uas237 A-DMC, consistency in risk perception:: no drive accdnts next 5 yrs |
| p15admc22 | wv15 uas458 A-DMC, consistency in risk perception:: no drive accdnts next 5 yrs |
| p12lip001 | wv12 uas1 numeracy:: Lipkus/DR Numeracy, times even out of 1000                 |
| p13lip001 | wv13 uas121 numeracy:: Lipkus/DR Numeracy, times even out of 1000               |
| p14lip001 | wv14 uas237 numeracy:: Lipkus/DR Numeracy, times even out of 1000               |
| p15lip001 | wv15 uas458 numeracy:: Lipkus/DR Numeracy, times even out of 1000               |
| p12lip002 | wv12 uas1 numeracy:: Lipkus/DR Numeracy, num winning lottery with 1% chance     |
| p13lip002 | wv13 uas121 numeracy:: Lipkus/DR Numeracy, num winning lottery with 1% chance   |
| p14lip002 | wv14 uas237 numeracy:: Lipkus/DR Numeracy, num winning lottery with 1% chance   |
| p15lip002 | wv15 uas458 numeracy:: Lipkus/DR Numeracy, num winning lottery with 1% chance   |
| p12lip003 | wv12 uas1 numeracy:: Lipkus/DR Numeracy, percent win when 1 in 1000 chance      |
| p13lip003 | wv13 uas121 numeracy:: Lipkus/DR Numeracy, percent win when 1 in 1000 chance    |
| p14lip003 | wv14 uas237 numeracy:: Lipkus/DR Numeracy, percent win when 1 in 1000 chance    |
| p15lip003 | wv15 uas458 numeracy:: Lipkus/DR Numeracy, percent win when 1 in 1000 chance    |
| p12lip008 | wv12 uas1 numeracy:: Lipkus/DR Numeracy, num getting disease when 10% chance    |
| p13lip008 | wv13 uas121 numeracy:: Lipkus/DR Numeracy, num getting disease when 10% chance  |
| p14lip008 | wv14 uas237 numeracy:: Lipkus/DR Numeracy, num getting disease when 10% chance  |
| p15lip008 | wv15 uas458 numeracy:: Lipkus/DR Numeracy, num getting disease when 10% chance  |

| p12lip009  | wv12 uas1 numeracy:: Lipkus/DR Numeracy, percent chance when 20 out of 100       |
|------------|--|
| p13lip009  | wv13 uas121 numeracy:: Lipkus/DR Numeracy, percent chance when 20 out of 100     |
| p14lip009  | wv14 uas237 numeracy:: Lipkus/DR Numeracy, percent chance when 20 out of 100     |
| p15lip009  | wv15 uas458 numeracy:: Lipkus/DR Numeracy, percent chance when 20 out of 100     |
| p12lip012a | wv12 uas1 numeracy:: Lipkus/DR Numeracy, likelihood has tumor - numerator        |
| p13lip012a | wv13 uas121 numeracy:: Lipkus/DR Numeracy, likelihood has tumor - numerator      |
| p14lip012a | wv14 uas237 numeracy:: Lipkus/DR Numeracy, likelihood has tumor - numerator      |
| p15lip012a | wv15 uas458 numeracy:: Lipkus/DR Numeracy, likelihood has tumor - numerator      |
| p12lip012b | wv12 uas1 numeracy:: Lipkus/DR Numeracy, likelihood has tumor - denominator      |
| p13lip012b | wv13 uas121 numeracy:: Lipkus/DR Numeracy, likelihood has tumor - denominator    |
| p14lip012b | wv14 uas237 numeracy:: Lipkus/DR Numeracy, likelihood has tumor - denominator    |
| p15lip012b | wv15 uas458 numeracy:: Lipkus/DR Numeracy, likelihood has tumor - denominator    |
| p12lip015  | wv12 uas1 numeracy:: Extended CRT, item cost given 2 items cost & cost dif bt    |
| p13lip015  | wv13 uas121 numeracy:: Extended CRT, item cost given 2 items cost & cost dif bt  |
| p14lip015  | wv14 uas237 numeracy:: Extended CRT, item cost given 2 items cost & cost dif bt  |
| p15lip015  | wv15 uas458 numeracy:: Extended CRT, item cost given 2 items cost & cost dif bt  |
| p12lip017  | wv12 uas1 numeracy:: Extended CRT, time for lily pads to cover 1/2 of lake       |
| p13lip017  | wv13 uas121 numeracy:: Extended CRT, time for lily pads to cover 1/2 of lake     |
| p14lip017  | wv14 uas237 numeracy:: Extended CRT, time for lily pads to cover 1/2 of lake     |
| p15lip017  | wv15 uas458 numeracy:: Extended CRT, time for lily pads to cover 1/2 of lake     |
| p12lip005  | wv12 uas1 numeracy:: Extended CRT, tot stdnts if 1 rankd 15th highest & lowest   |
| p13lip005  | wv13 uas121 numeracy:: Extended CRT, tot stdnts if 1 rankd 15th highest & lowest |
| p14lip005  | wv14 uas237 numeracy:: Extended CRT, tot stdnts if 1 rankd 15th highest & lowest |
| p15lip005  | wv15 uas458 numeracy:: Extended CRT, tot stdnts if 1 rankd 15th highest & lowest |
| p12lip006  | wv12 uas1 numeracy:: Extended CRT, amt earned after buy-sell-buy-sell            |
| p13lip006  | wv13 uas121 numeracy:: Extended CRT, amt earned after buy-sell-buy-sell          |
| p14lip006  | wv14 uas237 numeracy:: Extended CRT, amt earned after buy-sell-buy-sell          |
| p15lip006  | wv15 uas458 numeracy:: Extended CRT, amt earned after buy-sell-buy-sell          |
| p12lip007  | wv12 uas1 numeracy:: Extended CRT, value after decrease 50% then increase 75%    |
| p13lip007  | wv13 uas121 numeracy:: Extended CRT, value after decrease 50% then increase 75%  |

| p14lip007 | wv14 uas237 numeracy:: Extended CRT, value after decrease 50% then increase 75% |
|-----------|---|
| p15lip007 | wv15 uas458 numeracy:: Extended CRT, value after decrease 50% then increase 75% |
| p12lip004 | wv12 uas1 numeracy:: Extended CRT, time to do together given each persons rate  |
| p13lip004 | wv13 uas121 numeracy:: Extended CRT, time to do togeth given each persons rate  |
| p14lip004 | wv14 uas237 numeracy:: Extended CRT, time to do togeth given each persons rate  |
| p15lip004 | wv15 uas458 numeracy:: Extended CRT, time to do togeth given each persons rate  |
| p12cog1   | wv12 uas1 numeracy:: whether answer is correct, lip001                          |
| p13cog1   | wv13 uas121 numeracy:: whether answer is correct, lip001                        |
| p14cog1   | wv14 uas237 numeracy:: whether answer is correct, lip001                        |
| p15cog1   | wv15 uas458 numeracy:: whether answer is correct, lip001                        |
| p12cog2   | wv12 uas1 numeracy:: whether answer is correct, lip002                          |
| p13cog2   | wv13 uas121 numeracy:: whether answer is correct, lip002                        |
| p14cog2   | wv14 uas237 numeracy:: whether answer is correct, lip002                        |
| p15cog2   | wv15 uas458 numeracy:: whether answer is correct, lip002                        |
| p12cog3   | wv12 uas1 numeracy:: whether answer is correct, lip003                          |
| p13cog3   | wv13 uas121 numeracy:: whether answer is correct, lip003                        |
| p14cog3   | wv14 uas237 numeracy:: whether answer is correct, lip003                        |
| p15cog3   | wv15 uas458 numeracy:: whether answer is correct, lip003                        |
| p12cog4   | wv12 uas1 numeracy:: whether answer is correct, lip008                          |
| p13cog4   | wv13 uas121 numeracy:: whether answer is correct, lip008                        |
| p14cog4   | wv14 uas237 numeracy:: whether answer is correct, lip008                        |
| p15cog4   | wv15 uas458 numeracy:: whether answer is correct, lip008                        |
| p12cog5   | wv12 uas1 numeracy:: whether answer is correct, lip009                          |
| p13cog5   | wv13 uas121 numeracy:: whether answer is correct, lip009                        |
| p14cog5   | wv14 uas237 numeracy:: whether answer is correct, lip009                        |
| p15cog5   | wv15 uas458 numeracy:: whether answer is correct, lip009                        |
| p12cog6   | wv12 uas1 numeracy:: whether answer is correct, lip012                          |
| p13cog6   | wv13 uas121 numeracy:: whether answer is correct, lip012                        |
| p14cog6   | wv14 uas237 numeracy:: whether answer is correct, lip012                        |
| p15cog6   | wv15 uas458 numeracy:: whether answer is correct, lip012                        |

| p12cog7             | wv12 uas1 numeracy:: whether answer is correct, lip015                          |
|---------------------|---|
| p13cog7             | wv13 uas121 numeracy:: whether answer is correct, lip015                        |
| p14cog7             | wv14 uas237 numeracy:: whether answer is correct, lip015                        |
| p15cog7             | wv15 uas458 numeracy:: whether answer is correct, lip015                        |
| p12cog8             | wv12 uas1 numeracy:: whether answer is correct, lip017                          |
| p13cog8             | wv13 uas121 numeracy:: whether answer is correct, lip017                        |
| p14cog8             | wv14 uas237 numeracy:: whether answer is correct, lip017                        |
| p15cog8             | wv15 uas458 numeracy:: whether answer is correct, lip017                        |
| p12cog              | wv12 uas1 numeracy:: numeracy scale score                                       |
| p13cog              | wv13 uas121 numeracy:: numeracy scale score                                     |
| p14cog              | wv14 uas237 numeracy:: numeracy scale score                                     |
| p15cog              | wv15 uas458 numeracy:: numeracy scale score                                     |
| p15randomizer_scale | wv15 uas458 grit:: wheth g001-g008 ans options agreement scale or like me scale |
| p15floptions_1_     | wv15 uas458 grit:: text for g001-g008 answer option 1                           |
| p15floptions_2_     | wv15 uas458 grit:: text for g001-g008 answer option 2                           |
| p15floptions_3_     | wv15 uas458 grit:: text for g001-g008 answer option 3                           |
| p15floptions_4_     | wv15 uas458 grit:: text for g001-g008 answer option 4                           |
| p15floptions_5_     | wv15 uas458 grit:: text for g001-g008 answer option 5                           |
| p15g001             | wv15 uas458 grit:: compared to others, new ideas/projects distract me from prev |
| p15g002             | wv15 uas458 grit:: compared to others, setbacks don't discourage me             |
| p15g003             | wv15 uas458 grit:: compared to others, obsessed w idea/proj but lose interest   |
| p15g004             | wv15 uas458 grit:: compared to others, a hard worker                            |
| p15g005             | wv15 uas458 grit:: compared to others, often set goal but then pursue dif one   |
| p15g006             | wv15 uas458 grit:: compared to others, dfficult maintaining focus on long proj  |
| p15g007             | wv15 uas458 grit:: compared to others, finish what I begin                      |
| p15g008             | wv15 uas458 grit:: compared to others, diligent                                 |
| p15gm001a           | wv15 uas458 grit:: agreement lev, people can learn to be good at math           |
| p15gm002b           | wv15 uas458 grit:: agreement lev, have to be born with math ability to be good  |
| L                   | I   |

Table B.2 Topic W Variables included in the Comprehensive File

| Variable Name | Variable Label   |
|---------------|--|
| w12os001      | wv12 uas2 well-being:: how satisfied with life                   |
| w13os001      | wv13 uas121 well-being:: how satisfied with life                 |
| w14os001      | wv14 uas237 well-being:: how satisfied with life                 |
| w15os001      | wv15 uas458 well-being:: how satisfied with life                 |
| w12os002      | wv12 uas2 well-being:: how happy                                 |
| w13os002      | wv13 uas121 well-being:: how happy                               |
| w14os002      | wv14 uas237 well-being:: how happy                               |
| w15os002      | wv15 uas458 well-being:: how happy                               |
| w12osrand     | wv12 uas2 well-being:: QUES ORDER - os001 os002                  |
| w13osrand     | wv13 uas121 well-being:: QUES ORDER - os001 os002                |
| w14osrand     | wv14 uas237 well-being:: QUES ORDER - os001 os002                |
| w15osrand     | wv15 uas458 well-being:: QUES ORDER - os001 os002                |
| w12os003      | wv12 uas2 well-being:: how satisfied with income                 |
| w13os003      | wv13 uas121 well-being:: how satisfied with income               |
| w14os003      | wv14 uas237 well-being:: how satisfied with income               |
| w15os003      | wv15 uas458 well-being:: how satisfied with income               |
| w12os004      | wv12 uas2 well-being:: how satisfied with health                 |
| w13os004      | wv13 uas121 well-being:: how satisfied with health               |
| w14os004      | wv14 uas237 well-being:: how satisfied with health               |
| w15os004      | wv15 uas458 well-being:: how satisfied with health               |
| w12os005      | wv12 uas2 well-being:: how satisfied with job/daily activities   |
| w13os005      | wv13 uas121 well-being:: how satisfied with job/daily activities |
| w14os005      | wv14 uas237 well-being:: how satisfied with job/daily activities |
| w15os005      | wv15 uas458 well-being:: how satisfied with job/daily activities |
| w12os006      | wv12 uas2 well-being:: how satisfied with family life            |
| w13os006      | wv13 uas121 well-being:: how satisfied with family life          |
| w14os006      | wv14 uas237 well-being:: how satisfied with family life          |
| w15os006      | wv15 uas458 well-being:: how satisfied with family life          |

| w12os007              | wv12 uas2 well-being:: how satisfied with number of friends            |
|-----------------------|--|
| w13os007              | wv13 uas121 well-being:: how satisfied with number of friends          |
| w14os007              | wv14 uas237 well-being:: how satisfied with number of friends          |
| w15os007              | wv15 uas458 well-being:: how satisfied with number of friends          |
| w13osplacement        | wv13 uas121 well-being:: placement of well-being section within uas121 |
| ·                     |  |
| w14osplacement        | wv14 uas237 well-being:: placement of well-being section within uas237 |
| w15osplacement        | wv15 uas458 well-being:: placement of well-being section within uas458 |
| w12hw001              | wv12 uas2 yesterdays affect:: time woke up                             |
| w12hw002              | wv12 uas2 yesterdays affect:: time went to sleep                       |
| w12hw004              | wv12 uas2 yesterdays affect:: happy                                    |
| w12hw005              | wv12 uas2 yesterdays affect:: enthusiastic                             |
| w12hw006              | wv12 uas2 yesterdays affect:: content                                  |
| w12hw007              | wv12 uas2 yesterdays affect:: angry                                    |
| w12hw008              | wv12 uas2 yesterdays affect:: frustrated                               |
| w12hw009              | wv12 uas2 yesterdays affect:: tired                                    |
| w12hw010              | wv12 uas2 yesterdays affect:: sad                                      |
| w12hw011              | wv12 uas2 yesterdays affect:: stressed                                 |
| w12hw012              | wv12 uas2 yesterdays affect:: lonely                                   |
| w12hw013              | wv12 uas2 yesterdays affect:: worried                                  |
| w12hw014              | wv12 uas2 yesterdays affect:: bored                                    |
| w12hw015              | wv12 uas2 yesterdays affect:: pain                                     |
| w12hwsectionorder_10_ | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 10th ques      |
| w12hwsectionorder_11_ | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 11th ques      |
| w12hwsectionorder_12_ | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 12th ques      |
| w12hwsectionorder_1_  | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 1st ques       |
| w12hwsectionorder_2_  | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 2nd ques       |
| w12hwsectionorder_3_  | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 3rd ques       |
| w12hwsectionorder_4_  | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 4th ques       |
| w12hwsectionorder_5_  | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 5th ques       |
| w12hwsectionorder_6_  | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 6th ques       |
|                       |  |

| w12hwsectionorder_7_ | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 7th ques                |
|----------------------|---|
| w12hwsectionorder_8_ | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 8th ques                |
| w12hwsectionorder_9_ | wv12 uas2 yesterdays affect:: QUES ORDER - hw004-hw015, 9th ques                |
| w12hd001             | wv12 uas2 neighborhood:: neighborhood rating                                    |
| w12hd002             | wv12 uas2 neighborhood:: grocery/drug store within 15 min                       |
| w12hd003             | wv12 uas2 neighborhood:: typical transport to grocery store                     |
| w12hd004             | wv12 uas2 neighborhood:: 1/2 block from home - body of water                    |
| w12hd005             | wv12 uas2 neighborhood:: half block from home - open space                      |
| w12hd006             | wv12 uas2 neighborhood:: half block from home - railroad/airport/4-lane highway |
| w12hd007             | wv12 uas2 neighborhood:: half block from home - parking lot                     |
| w12hd008s1           | wv12 uas2 neighborhood:: half block from home - single-fam detached home        |
| w12hd008s2           | wv12 uas2 neighborhood:: half block from home - single-fam townhouse            |
| w12hd008s3           | wv12 uas2 neighborhood:: half block from home - apt building                    |
| w12hd008s4           | wv12 uas2 neighborhood:: half block from home - manufactured/mobile home        |
| w12hd008s5           | wv12 uas2 neighborhood:: 1/2 block from home - none of the above (hd008s1-s4)   |
| w12hd008             | wv12 uas2 neighborhood:: half block from home - MULT RESPONSE COMBO (for hd008) |
| w12hd009             | wv12 uas2 neighborhood:: half block from home - business/institution            |
| w12hd010             | wv12 uas2 neighborhood:: half block from home - factory/industrial structure    |
| w12hd011             | wv12 uas2 neighborhood:: half block from home - metal bars on windows           |
| w12hd012             | wv12 uas2 neighborhood:: half block from home - vandalized/abandoned buildings  |
| w12hd013             | wv12 uas2 neighborhood:: half block from home - trash/litter/junk               |
| w12hd014             | wv12 uas2 neighborhood:: half block from home - extent of street repairs needed |
| w12hd015             | wv12 uas2 neighborhood:: satisfactory police protection                         |
| w12hd016             | wv12 uas2 neighborhood:: extent to which people are willing to help neighbors   |
| w12hd017             | wv12 uas2 neighborhood:: extent to which neighborhood is close knit             |
| w12hd018             | wv12 uas2 neighborhood:: extent to which neighbors get along                    |
| w12hd019             | wv12 uas2 neighborhood:: extent to which neighbors share same values            |
| w12hd020             | wv12 uas2 neighborhood:: extent to which neighbors can be trusted               |
| w12hd021             | wv12 uas2 neighborhood:: number of of friends who live in neighborhood          |
| w12hd022             | wv12 uas2 neighborhood:: talked with neighbor for 10+ min                       |

| w12ir002 wv12 uas2 inc ranking:: HH inc rank % within zip w12ir003 wv12 uas2 inc ranking:: how often R compares inc w same-zip others w12ir004 wv12 uas2 inc ranking:: avg yrly HH income in county w12ir005 wv12 uas2 inc ranking:: HH inc rank % within same county others w12ir006 wv12 uas2 inc ranking:: currently working for pay w13ir007 wv13 uas121 inc ranking:: currently working for pay w13ir007 wv14 uas237 inc ranking:: currently working for pay w14ir007 wv14 uas237 inc ranking:: currently working for pay w12ir009 wv12 uas2 inc ranking:: currently working for pay w12ir010 wv12 uas2 inc ranking:: currently working for pay w12ir011 wv12 uas2 inc ranking:: http://doc.org/sci.currently working for pay w12ir010 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup w12ir010 wv12 uas2 inc ranking:: avg yrly HH income for beople with same occup w12ir010 wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir010 wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir012 wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup w12ir013 wv12 uas2 inc ranking:: bow often R compares inc w those in circle w same occup w12ir014 wv12 uas2 inc ranking:: ever worked for pay w12ir015_year w12ir015_year w12ir015_yearsago w12ir016 wv12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir017 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir018 vv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 vv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 vv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 vv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 vv12 uas2 inc ranking:: avg yrly HH income for people with sa | w12ir001          | wv12 uas2 inc ranking:: avg yrly HH income in zip                               |
|--|-------------------|---|
| w12ir004         wv12 uas2 inc ranking:: avg yrly HH income in county           w12ir005         wv12 uas2 inc ranking:: HH inc rank % within same county           w12ir006         wv12 uas2 inc ranking:: currently working for pay           w12ir007         wv12 uas2 inc ranking:: currently working for pay           w13ir007         wv13 uas121 inc ranking:: currently working for pay           w14ir007         wv14 uas237 inc ranking:: avg yrly HH income for people with same occup           w12ir019         wv12 uas2 inc ranking:: avg yrly HH income for people with same occup           w12ir011         wv12 uas2 inc ranking:: hH inc rank % within same occup           w12ir012         wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup           w12ir010         wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup           w12ir010         wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup           w12ir012         wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup           w12ir013a         wv12 uas2 inc ranking:: ever worked for pay           w12ir014         wv12 uas2 inc ranking:: ever worked for pay           w12ir015_year         wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job           w12ir017         wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job           w12ir018<  | w12ir002          | wv12 uas2 inc ranking:: HH inc rank % within zip                                |
| w12ir005 w12 uas2 inc ranking:: HH inc rank % within same county w12ir006 w22 uas2 inc ranking:: currently working for pay w13ir007 w13ir007 w21 uas2 inc ranking:: currently working for pay w14ir007 w21 uas2 inc ranking:: currently working for pay w14ir007 w21 uas2 inc ranking:: currently working for pay w12ir019 w21 uas2 inc ranking:: avg yrly HH income for people with same occup w12ir010 w21 uas2 inc ranking:: HH inc rank % within same occup w12ir010 w21 uas2 inc ranking:: avg yrly HH income for people with same occup w12ir010 w21 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir010 w21 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir010 w21 uas2 inc ranking:: HH inc rank % among those in circle w same occup w12ir010 w21 uas2 inc ranking:: how often R compares inc w those in circle w same occup w12ir010 w21 uas2 inc ranking:: ever worked for pay w12ir013a w21 uas2 inc ranking:: ever worked for pay w12ir014 w21 uas2 inc ranking:: ever worked for pay w12ir015_year w21 uas2 inc ranking:: date that R last worked for pay, as yrs ago w12ir017 w21 uas2 inc ranking:: date that R last worked for pay, as yrs ago w12ir010 w21 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir010 w21 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir020 w21 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 w21 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 w21 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 w21 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 w21 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 w21 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 w21 uas2 inc ranking:: how often R compares inc w same-occup, last job w12ir021 w21 uas2 inc ranking:: how often R compares inc w same-occup last job  | w12ir003          | wv12 uas2 inc ranking:: how often R compares inc w same-zip others              |
| w12ir006         wv12 uas2 inc ranking:: currently working for pay           w12ir007         wv12 uas2 inc ranking:: currently working for pay           w13ir007         wv13 uas121 inc ranking:: currently working for pay           w14ir007         wv14 uas237 inc ranking:: currently working for pay           w12ir009         wv12 uas2 inc ranking:: avg yrly HH income for people with same occup           w12ir011         wv12 uas2 inc ranking:: HH inc rank % within same occup           w12ir013         wv12 uas2 inc ranking:: how often R compares inc w same-occup others           w12ir010_others         wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup           w12ir010         wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup           w12ir012         wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup           w12ir013a         wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup           w12ir014         wv12 uas2 inc ranking:: ever worked for pay           w12ir015_year         wv12 uas2 inc ranking:: date that R last worked for pay, as yr           w12ir015_yearsago         wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago           w12ir017         wv12 uas2 inc ranking:: day grly HH income for people with same occup, last job           w12ir021         wv12 uas2 inc ranking:: day grly HH income for people with same occup, last job <td>w12ir004</td> <td>wv12 uas2 inc ranking:: avg yrly HH income in county</td>  | w12ir004          | wv12 uas2 inc ranking:: avg yrly HH income in county                            |
| w12ir007 w12 uas2 inc ranking:: currently working for pay w13ir007 w13 uas121 inc ranking:: currently working for pay w14ir007 w14 uas237 inc ranking:: currently working for pay w12ir009 w12 uas2 inc ranking:: avg yrly HH income for people with same occup w12ir011 w12 uas2 inc ranking:: how often R compares inc w same-occup others w12ir010_others w12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir010 w12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir010 w12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir012 w12 uas2 inc ranking:: how often R compares inc w those in circle w same occup w12ir013a w12 uas2 inc ranking:: how often R compares inc w those in circle w same occup w12ir014 w12 uas2 inc ranking:: ever worked for pay w12ir015_year w12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir015_yearsago w12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir017 w12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 w12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 w12 uas2 inc ranking:: avg yrly HH inc for circle w same-occup others, last job w12ir018_others w12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir010 w12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 w12 uas2 inc ranking:: hH inc rank % among circle w same occup, last job w12ir021a w12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 w12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir021 w12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 w12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir021 w12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir021 w12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job                                       | w12ir005          | wv12 uas2 inc ranking:: HH inc rank % within same county                        |
| w13ir007 wv13 uas121 inc ranking:: currently working for pay w14ir007 wv14 uas237 inc ranking:: currently working for pay w12ir009 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup w12ir011 wv12 uas2 inc ranking:: how often R compares inc w same-occup others w12ir013 wv12 uas2 inc ranking:: any friends/acquaintances with same occup w12ir010 others wv12 uas2 inc ranking:: any friends/acquaintances with same occup w12ir010 wv12 uas2 inc ranking:: any friends/acquaintances with same occup w12ir012 wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup w12ir013a wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup w12ir014 wv12 uas2 inc ranking:: ever worked for pay w12ir015_year wv12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir015_yearsago wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir017 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 wv12 uas2 inc ranking:: hH inc rank % within same occup, last job w12ir019 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same-occup others, last job w12ir018_others wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir010 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 vv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job  | w12ir006          | wv12 uas2 inc ranking:: how often R compares inc w same-county others           |
| w14ir007 wv14 uas237 inc ranking:: currently working for pay w12ir009 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup w12ir011 wv12 uas2 inc ranking:: HH inc rank % within same occup w12ir013 wv12 uas2 inc ranking:: how often R compares inc w same-occup others w12ir010_others wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir010 wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir012 wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup w12ir013a wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup w12ir014 wv12 uas2 inc ranking:: ever worked for pay w12ir015_year wv12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir015_yearsago wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago w12ir017 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir022 wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir023 wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir007          | wv12 uas2 inc ranking:: currently working for pay                               |
| w12ir009 w12 uas2 inc ranking:: avg yrly HH income for people with same occup w12ir011 wv12 uas2 inc ranking:: HH inc rank % within same occup w12ir013 wv12 uas2 inc ranking:: how often R compares inc w same-occup others w12ir010_others wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup w12ir010 wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup w12ir012 wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup w12ir013a wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup w12ir014 wv12 uas2 inc ranking:: date that R last worked for pay w12ir015_year wv12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir015_yearsago wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago w12ir017 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job w12ir021 wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job w12ir022 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 wv12 uas2 inc ranking:: HH inc rank % among same age   | w13ir007          | wv13 uas121 inc ranking:: currently working for pay                             |
| w12ir011       wv12 uas2 inc ranking:: HH inc rank % within same occup         w12ir013       wv12 uas2 inc ranking:: how often R compares inc w same-occup others         w12ir010_others       wv12 uas2 inc ranking:: any friends/acquaintances with same occup         w12ir010       wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup         w12ir012       wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup         w12ir013a       wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup         w12ir014       wv12 uas2 inc ranking:: ever worked for pay         w12ir015_year       wv12 uas2 inc ranking:: date that R last worked for pay, as yr         w12ir015_yearsago       wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago         w12ir017       wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job         w12ir019       wv12 uas2 inc ranking:: HH inc rank % within same occup, last job         w12ir018_others       wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job         w12ir018       wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job         w12ir020       wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job         w12ir021a       wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job         w12ir023       wv12 uas2 inc ranking:: how often R compares inc  | w14ir007          | wv14 uas237 inc ranking:: currently working for pay                             |
| w12ir013       wv12 uas2 inc ranking:: how often R compares inc w same-occup others         w12ir010_others       wv12 uas2 inc ranking:: any friends/acquaintances with same occup         w12ir010       wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup         w12ir012       wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup         w12ir013a       wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup         w12ir014       wv12 uas2 inc ranking:: ever worked for pay         w12ir015_year       wv12 uas2 inc ranking:: date that R last worked for pay, as yr         w12ir015_yearsago       wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago         w12ir017       wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job         w12ir019       wv12 uas2 inc ranking:: HH inc rank % within same occup, last job         w12ir018_others       wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job         w12ir018       wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job         w12ir020       wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job         w12ir021a       wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job         w12ir023       wv12 uas2 inc ranking:: HH inc rank % among same age         w12ir023       wv12 uas2 inc ranking:: how often R compares inc w same-  | w12ir009          | wv12 uas2 inc ranking:: avg yrly HH income for people with same occup           |
| w12ir010_otherswv12 uas2 inc ranking:: any friends/acquaintances with same occupw12ir010wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occupw12ir012wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occupw12ir013awv12 uas2 inc ranking:: how often R compares inc w those in circle w same occupw12ir014wv12 uas2 inc ranking:: ever worked for payw12ir015_yearwv12 uas2 inc ranking:: date that R last worked for pay, as yrw12ir015_yearsagowv12 uas2 inc ranking:: date that R last worked for pay, as yrs agow12ir017wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last jobw12ir019wv12 uas2 inc ranking:: HH inc rank % within same occup, last jobw12ir021wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last jobw12ir018_otherswv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last jobw12ir020wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last jobw12ir021awv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last jobw12ir022wv12 uas2 inc ranking:: avg yrly HH income for people with same agew12ir023wv12 uas2 inc ranking:: HH inc rank % among same agew12ir025wv12 uas2 inc ranking:: HH inc rank % among same age others   | w12ir011          | wv12 uas2 inc ranking:: HH inc rank % within same occup                         |
| w12ir010wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occupw12ir012wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occupw12ir013awv12 uas2 inc ranking:: how often R compares inc w those in circle w same occupw12ir014wv12 uas2 inc ranking:: ever worked for payw12ir015_yearwv12 uas2 inc ranking:: date that R last worked for pay, as yrw12ir015_yearsagowv12 uas2 inc ranking:: date that R last worked for pay, as yrs agow12ir017wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last jobw12ir019wv12 uas2 inc ranking:: HH inc rank % within same occup, last jobw12ir021wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last jobw12ir018wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last jobw12ir020wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last jobw12ir021awv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last jobw12ir022wv12 uas2 inc ranking:: avg yrly HH income for people with same agew12ir023wv12 uas2 inc ranking:: HH inc rank % among same agew12ir025wv12 uas2 inc ranking:: HH inc rank % among same age   | w12ir013          | wv12 uas2 inc ranking:: how often R compares inc w same-occup others            |
| w12ir012 wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup w12ir013a wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup w12ir014 wv12 uas2 inc ranking:: ever worked for pay w12ir015_year wv12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir015_yearsago wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago w12ir017 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 wv12 uas2 inc ranking:: HH inc rank % within same occup, last job w12ir021 wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job w12ir018_others wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir021a wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir022 wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir010_others   | wv12 uas2 inc ranking:: any friends/acquaintances with same occup               |
| w12ir013a wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup w12ir014 wv12 uas2 inc ranking:: ever worked for pay w12ir015_year wv12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir015_yearsago wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago w12ir017 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 wv12 uas2 inc ranking:: HH inc rank % within same occup, last job w12ir021 wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job w12ir018_others wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir021a wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir022 wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 vv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir010          | wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same occup     |
| w12ir014 wv12 uas2 inc ranking:: ever worked for pay w12ir015_year wv12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir015_yearsago wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago w12ir017 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 wv12 uas2 inc ranking:: HH inc rank % within same occup, last job w12ir021 wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job w12ir018_others wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job w12ir021a wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir022 wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir012          | wv12 uas2 inc ranking:: HH inc rank % among those in circle w same occup        |
| w12ir015_year wv12 uas2 inc ranking:: date that R last worked for pay, as yr w12ir015_yearsago wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago w12ir017 wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job w12ir019 wv12 uas2 inc ranking:: HH inc rank % within same occup, last job w12ir021 wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job w12ir018_others wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job w12ir021a wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir022 wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 wv12 uas2 inc ranking:: how often R compares inc w same-age others   | w12ir013a         | wv12 uas2 inc ranking:: how often R compares inc w those in circle w same occup |
| w12ir015_yearsagowv12 uas2 inc ranking:: date that R last worked for pay, as yrs agow12ir017wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last jobw12ir019wv12 uas2 inc ranking:: HH inc rank % within same occup, last jobw12ir021wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last jobw12ir018_otherswv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last jobw12ir018wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last jobw12ir020wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last jobw12ir021awv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last jobw12ir022wv12 uas2 inc ranking:: avg yrly HH income for people with same agew12ir023wv12 uas2 inc ranking:: HH inc rank % among same agew12ir025wv12 uas2 inc ranking:: how often R compares inc w same-age others   | w12ir014          | wv12 uas2 inc ranking:: ever worked for pay                                     |
| w12ir017wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last jobw12ir019wv12 uas2 inc ranking:: HH inc rank % within same occup, last jobw12ir021wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last jobw12ir018_otherswv12 uas2 inc ranking:: any friends/acquaintances with same occup, last jobw12ir018wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last jobw12ir020wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last jobw12ir021awv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last jobw12ir022wv12 uas2 inc ranking:: avg yrly HH income for people with same agew12ir023wv12 uas2 inc ranking:: HH inc rank % among same agew12ir025wv12 uas2 inc ranking:: how often R compares inc w same-age others   | w12ir015_year     | wv12 uas2 inc ranking:: date that R last worked for pay, as yr                  |
| w12ir019 wv12 uas2 inc ranking:: HH inc rank % within same occup, last job w12ir021 wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job w12ir018_others wv12 uas2 inc ranking:: any friends/acquaintances with same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job w12ir021a wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir022 wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 wv12 uas2 inc ranking:: how often R compares inc w same-age others   | w12ir015_yearsago | wv12 uas2 inc ranking:: date that R last worked for pay, as yrs ago             |
| w12ir021 wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job w12ir018_others wv12 uas2 inc ranking:: any friends/acquaintances with same occup, last job w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job w12ir021a wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir022 wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir017          | wv12 uas2 inc ranking:: avg yrly HH income for people with same occup, last job |
| w12ir018_otherswv12 uas2 inc ranking:: any friends/acquaintances with same occup, last jobw12ir018wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last jobw12ir020wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last jobw12ir021awv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last jobw12ir022wv12 uas2 inc ranking:: avg yrly HH income for people with same agew12ir023wv12 uas2 inc ranking:: HH inc rank % among same agew12ir025wv12 uas2 inc ranking:: how often R compares inc w same-age others   | w12ir019          | wv12 uas2 inc ranking:: HH inc rank % within same occup, last job               |
| w12ir018 wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job w12ir020 wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job w12ir021a wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job w12ir022 wv12 uas2 inc ranking:: avg yrly HH income for people with same age w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir021          | wv12 uas2 inc ranking:: how often R compares inc w same-occup others, last job  |
| w12ir020wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last jobw12ir021awv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last jobw12ir022wv12 uas2 inc ranking:: avg yrly HH income for people with same agew12ir023wv12 uas2 inc ranking:: HH inc rank % among same agew12ir025wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir018_others   | wv12 uas2 inc ranking:: any friends/acquaintances with same occup, last job     |
| w12ir021awv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last jobw12ir022wv12 uas2 inc ranking:: avg yrly HH income for people with same agew12ir023wv12 uas2 inc ranking:: HH inc rank % among same agew12ir025wv12 uas2 inc ranking:: how often R compares inc w same-age others   | w12ir018          | wv12 uas2 inc ranking:: avg yrly HH inc for circle w same occup, last job       |
| w12ir022wv12 uas2 inc ranking:: avg yrly HH income for people with same agew12ir023wv12 uas2 inc ranking:: HH inc rank % among same agew12ir025wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir020          | wv12 uas2 inc ranking:: HH inc rank % among circle w same occup, last job       |
| w12ir023 wv12 uas2 inc ranking:: HH inc rank % among same age w12ir025 wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir021a         | wv12 uas2 inc ranking:: how oft R cmpr inc w circle w same occup, last job      |
| w12ir025 wv12 uas2 inc ranking:: how often R compares inc w same-age others  | w12ir022          | wv12 uas2 inc ranking:: avg yrly HH income for people with same age             |
|  | w12ir023          | wv12 uas2 inc ranking:: HH inc rank % among same age                            |
| w12ir024   | w12ir025          | wv12 uas2 inc ranking:: how often R compares inc w same-age others              |
| WVIZ dasz me ramking avg ymy mi mosme for those in ordie w same age  | w12ir024          | wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same age       |

| w12ir024a       | wv12 uas2 inc ranking:: HH inc rank % among those in circle w same age          |
|-----------------|---|
| w12ir025b       | wv12 uas2 inc ranking:: how often R compares inc w those in circle w same age   |
| w12ir026        | wv12 uas2 inc ranking:: avg yrly HH income for people with same level of ed     |
| w12ir027        | wv12 uas2 inc ranking:: HH inc rank % among same ed                             |
| w12ir029        | wv12 uas2 inc ranking:: how often R compares inc w same-ed others               |
| w12ir028_others | wv12 uas2 inc ranking:: any friends/acquaintances with same ed level            |
| w12ir028        | wv12 uas2 inc ranking:: avg yrly HH income for those in circle w same ed        |
| w12ir027a       | wv12 uas2 inc ranking:: HH inc rank % among those in circle w same ed           |
| w12ir029a       | wv12 uas2 inc ranking:: how often R compares inc w those in circle with same ed |

Table B.3 Topic K Variables included in the Comprehensive File

| Variable Name | Variable Label  |
|---------------|---|
| k12s4         | wv12 uas16 HH info:: r marital status   |
| k13s4         | wv13 uas94 HH info:: r marital status   |
| k14s4         | wv14 uas231 HH info:: r marital status  |
| k15s4         | wv15 uas457 HH info:: r marital status  |
| k12s7a        | wv12 uas16 SS:: currently receives SS benefits  |
| k13s7a        | wv13 uas94 SS:: currently receives SS benefits  |
| k14s7a        | wv14 uas231 SS:: currently receives SS benefits   |
| k15s7a        | wv15 uas457 SS:: currently receives SS benefits   |
| k12s6a        | wv12 uas16 SS:: def of SS benefits that describes purpose of program                          |
| k13NEW13s6a   | wv13 uas94 SS:: <wv13 new="" ques=""> confidence that SS will pay some of benfit owed</wv13>  |
| k14NEW13s6a   | wv14 uas231 SS:: <wv13 new="" ques=""> confidence that SS will pay some of benfit owed</wv13> |
| k15NEW13s6a   | wv15 uas457 SS:: <wv13 new="" ques=""> confidence that SS will pay some of benfit owed</wv13> |
| k13s12a       | wv13 uas94 SS:: age when began claiming benefits  |
| k14s12a       | wv14 uas231 SS:: age when began claiming benefits   |
| k15s12a       | wv15 uas457 SS:: age when began claiming benefits   |
| k13s12b       | wv13 uas94 SS:: satisfaction with age when began claiming benefits                            |
| k14s12b       | wv14 uas231 SS:: satisfaction with age when began claiming benefits                           |
| k15s12b       | wv15 uas457 SS:: satisfaction with age when began claiming benefits                           |
| k13s12c       | wv13 uas94 SS:: had sufficient info for decision on age to begin clming benfit                |
| k14s12c       | wv14 uas231 SS:: had sufficient info for decision on age to begin clming benfit               |
| k15s12c       | wv15 uas457 SS:: had sufficient info for decision on age to begin clming benfit               |
| k12s7b        | wv12 uas16 SS:: currently receives SS benefits, spouse  |
| k13s7b        | wv13 uas94 SS:: currently receives SS benefits, spouse  |
| k14s7b        | wv14 uas231 SS:: currently receives SS benefits, spouse                                       |
| k15s7b        | wv15 uas457 SS:: currently receives SS benefits, spouse                                       |
| k12s8a        | wv12 uas16 HH info:: current employment status  |
| k13s8a        | wv13 uas94 HH info:: current employment status  |
| k14s8a        | wv14 uas231 HH info:: current employment status   |

| k15s8a | wv15 uas457 HH info:: current employment status                                  |
|--------|--|
| k12s8c | wv12 uas16 HH info:: retired work status   |
| k13s8c | wv13 uas94 HH info:: retired work status   |
| k14s8c | wv14 uas231 HH info:: retired work status  |
| k15s8c | wv15 uas457 HH info:: retired work status  |
| k12s8b | wv12 uas16 HH info:: employment status, spouse                                   |
| k13s8b | wv13 uas94 HH info:: employment status, spouse                                   |
| k14s8b | wv14 uas231 HH info:: employment status, spouse                                  |
| k15s8b | wv15 uas457 HH info:: employment status, spouse                                  |
| k12s9c | wv12 uas16 HH info:: retired work status, spouse                                 |
| k13s9c | wv13 uas94 HH info:: retired work status, spouse                                 |
| k14s9c | wv14 uas231 HH info:: retired work status, spouse                                |
| k15s9c | wv15 uas457 HH info:: retired work status, spouse                                |
| k12s11 | wv12 uas16 HH info:: compare r earnings with spouse earnings                     |
| k13s11 | wv13 uas94 HH info:: compare r earnings with spouse earnings                     |
| k14s11 | wv14 uas231 HH info:: compare r earnings with spouse earnings                    |
| k15s11 | wv15 uas457 HH info:: compare r earnings with spouse earnings                    |
| k12q1  | wv12 uas16 retir:: how financially prepared for retirement                       |
| k13q1  | wv13 uas94 retir:: how financially prepared for retirement                       |
| k14q1  | wv14 uas231 retir:: how financially prepared for retirement                      |
| k15q1  | wv15 uas457 retir:: how financially prepared for retirement                      |
| k12q2a | wv12 uas16 self-perceived knwge of retir:: how inflation affects retirement      |
| k13q2a | wv13 uas94 self-perceived knwge of retir:: how inflation affects retirement      |
| k14q2a | wv14 uas231 self-perceived knwge of retir:: how inflation affects retirement     |
| k15q2a | wv15 uas457 self-perceived knwge of retir:: how inflation affects retirement     |
| k12q2b | wv12 uas16 self-perceived knwge of retir:: savings needed to retire w comfort    |
| k13q2b | wv13 uas94 self-perceived knwge of retir:: amt needed to save to retir w cmfort  |
| k14q2b | wv14 uas231 self-perceived knwge of retir:: amt needed to save to retir w cmfort |
| k15q2b | wv15 uas457 self-perceived knwge of retir:: amt needed to save to retir w cmfort |
| k12q2c | wv12 uas16 self-perceived knwge of SS:: how SS works                             |

| k13q2c | wv13 uas94 self-perceived knwge of SS:: how SS works                            |
|--------|---|
| k14q2c | wv14 uas231 self-perceived knwge of SS:: how SS works                           |
| k15q2c | wv15 uas457 self-perceived knwge of SS:: how SS works                           |
| k12q2d | wv12 uas16 self-perceived knwge of retir:: how long r might live in retirement  |
| k13q2d | wv13 uas94 self-perceived knwge of retir:: how long r might live in retirement  |
| k14q2d | wv14 uas231 self-perceived knwge of retir:: how long r might live in retirement |
| k15q2d | wv15 uas457 self-perceived knwge of retir:: how long r might live in retirement |
| k12q2e | wv12 uas16 self-perceived knwge of retir:: how to invest retirement money       |
| k13q2e | wv13 uas94 self-perceived knwge of retir:: how to invest retirement money       |
| k14q2e | wv14 uas231 self-perceived knwge of retir:: how to invest retirement money      |
| k15q2e | wv15 uas457 self-perceived knwge of retir:: how to invest retirement money      |
| k12q2f | wv12 uas16 self-perceived knwge of retir:: how to manage retirement spending    |
| k13q2f | wv13 uas94 self-perceived knwge of retir:: how to manage retirement spending    |
| k14q2f | wv14 uas231 self-perceived knwge of retir:: how to manage retirement spending   |
| k15q2f | wv15 uas457 self-perceived knwge of retir:: how to manage retirement spending   |
| k12q3  | wv12 uas16 SS:: what SS ought to provide  |
| k13q3  | wv13 uas94 SS:: what SS ought to provide  |
| k14q3  | wv14 uas231 SS:: what SS ought to provide                                       |
| k15q3  | wv15 uas457 SS:: what SS ought to provide                                       |
| k12q4a | wv12 uas16 self-perceived knwge of SS:: how benefits are calculated             |
| k13q4a | wv13 uas94 self-perceived knwge of SS:: how benefits are calculated             |
| k14q4a | wv14 uas231 self-perceived knwge of SS:: how benefits are calculated            |
| k15q4a | wv15 uas457 self-perceived knwge of SS:: how benefits are calculated            |
| k12q4b | wv12 uas16 self-perceived knwge of SS:: age for eligibility                     |
| k13q4b | wv13 uas94 self-perceived knwge of SS:: age for eligibility                     |
| k14q4b | wv14 uas231 self-perceived knwge of SS:: age for eligibility                    |
| k15q4b | wv15 uas457 self-perceived knwge of SS:: age for eligibility                    |
| k12q4c | wv12 uas16 self-perceived knwge of SS:: effects if you work & claim             |
| k13q4c | wv13 uas94 self-perceived knwge of SS:: effects if you work & claim             |
| k14q4c | wv14 uas231 self-perceived knwge of SS:: effects if you work & claim            |

| k15q4c      | wv15 uas457 self-perceived knwge of SS:: effects if you work & claim                        |
|-------------|---|
| k12q4d      | wv12 uas16 self-perceived knwge of SS:: what monthly amount will be                         |
| k13q4d      | wv13 uas94 self-perceived knwge of SS:: what monthly amount will be                         |
| k14q4d      | wv14 uas231 self-perceived knwge of SS:: what monthly amount will be                        |
| k15q4d      | wv15 uas457 self-perceived knwge of SS:: what monthly amount will be                        |
| k12q4e      | wv12 uas16 self-perceived knwge of SS:: change in benefits based on time clmed              |
| k13q4e      | wv13 uas94 self-perceived knwge of SS:: change in benefits based on time clmed              |
| k14q4e      | wv14 uas231 self-perceived knwge of SS:: change in benefits based on time clmed             |
| k15q4e      | wv15 uas457 self-perceived knwge of SS:: change in benefits based on time clmed             |
| k12q4spa    | wv12 uas16 self-perceived knwge of SS:: what monthly amount will be, spouse                 |
| k13q4spa    | wv13 uas94 self-perceived knwge of SS:: what monthly amount will be, spouse                 |
| k14q4spa    | wv14 uas231 self-perceived knwge of SS:: what monthly amount will be, spouse                |
| k15q4spa    | wv15 uas457 self-perceived knwge of SS:: what monthly amount will be, spouse                |
| k12q4spb    | wv12 uas16 self-perceived knwge of SS:: how timing of clm affects sp benfits                |
| k13q4spb    | wv13 uas94 self-perceived knwge of SS:: how timing of claim affects sp benefits             |
| k14q4spb    | wv14 uas231 self-perceived knwge of SS:: how timing of claim affects sp benefits            |
| k15q4spb    | wv15 uas457 self-perceived knwge of SS:: how timing of claim affects sp benefits            |
| k12q4spc    | wv12 uas16 self-perceived knwge of SS:: how timing of sp clm affects r benefits             |
| k13q4spc    | wv13 uas94 self-perceived knwge of SS:: how timing of sp clm affects r benefits             |
| k14q4spc    | wv14 uas231 self-perceived knwge of SS:: how timing of sp clm affects r benefits            |
| k15q4spc    | wv15 uas457 self-perceived knwge of SS:: how timing of sp clm affects r benefits            |
| k12q5       | wv12 uas16 predict SS benefits:: confidence in SS to pay out benefits                       |
| k13q5       | wv13 uas94 predict SS benefits:: confidence in SS to pay out benefits                       |
| k14q5       | wv14 uas231 predict SS benefits:: confidence in SS to pay out benefits                      |
| k15q5       | wv15 uas457 predict SS benefits:: confidence in SS to pay out benefits                      |
| k12q6a      | wv12 uas16 predict SS benefits:: confidence in SS benefits being there                      |
| k13q6a_ch13 | wv13 uas94 predict SS benefits:: <wv13 change="" text=""> confidnce benfit be there</wv13>  |
| k14q6a_ch13 | wv14 uas231 predict SS benefits:: <wv13 change="" text=""> confidnce benfit be there</wv13> |
| k15q6a_ch13 | wv15 uas457 predict SS benefits:: <wv13 change="" text=""> confidnce benfit be there</wv13> |
| k15q6a_b    | wv15 uas457 predict SS benefits:: confidnce >2/3 of SS benefits will be there               |

| k13q6d       | wv13 uas94 SS:: best description of SS benefits   |
|--------------|---|
| k14q6d       | wv14 uas231 SS:: best description of SS benefits  |
| k15q6d       | wv15 uas457 SS:: best description of SS benefits  |
| k12q6b       | wv12 uas16 predict SS benefits:: percent chance live to 90                                    |
| k13NEW13q6b  | wv13 uas94 predict SS benefits:: <wv13 new="" ques=""> percent chance live to 75</wv13>       |
| k14NEW13q6b  | wv14 uas231 predict SS benefits:: <wv13 new="" ques=""> percent chance live to 75</wv13>      |
| k15NEW13q6b  | wv15 uas457 predict SS benefits:: <wv13 new="" ques=""> percent chance live to 75</wv13>      |
| k13q6c       | wv13 uas94 predict SS benefits:: percent chance live to 85                                    |
| k14q6c       | wv14 uas231 predict SS benefits:: percent chance live to 85                                   |
| k15q6c       | wv15 uas457 predict SS benefits:: percent chance live to 85                                   |
| k12q7b       | wv12 uas16 SS:: current benefits enough for good retir  |
| k13q7b_ans13 | wv13 uas94 SS:: <wv13 ans="" change=""> current benefits enough for good retir</wv13>         |
| k14q7b_ans13 | wv14 uas231 SS:: <wv13 ans="" change=""> current benefits enough for good retir</wv13>        |
| k15q7b_ans13 | wv15 uas457 SS:: <wv13 ans="" change=""> current benefits enough for good retir</wv13>        |
| k12q7a       | wv12 uas16 predict SS benefits:: future benefits enough to ensure good retir                  |
| k13q7a_ch13  | wv13 uas94 predict SS benefits:: <wv13 change="" text=""> retir benfit from SS enough</wv13>  |
| k14q7a_ch13  | wv14 uas231 predict SS benefits:: <wv13 change="" text=""> retir benfit from SS enough</wv13> |
| k15q7a_ch13  | wv15 uas457 predict SS benefits:: <wv13 change="" text=""> retir benfit from SS enough</wv13> |
| k12q8        | wv12 uas16 retir:: prep steps - MULT RESP COMBO   |
| k12q8s1      | wv12 uas16 retir:: prep steps - contribute to 401k or defined contribution plan               |
| k12q8s2      | wv12 uas16 retir:: prep steps - have other savings/investments                                |
| k12q8s3      | wv12 uas16 retir:: prep steps - applied for disability benefits                               |
| k12q8s4      | wv12 uas16 retir:: prep steps - spend less/downsize   |
| k12q8s5      | wv12 uas16 retir:: prep steps - sought higher earning job                                     |
| k12q8s6      | wv12 uas16 retir:: prep steps - plan to work in retirement                                    |
| k12q8s7      | wv12 uas16 retir:: prep steps - other   |
| k12q8s8      | wv12 uas16 retir:: prep steps - none  |
| k13q8a       | wv13 uas94 retir:: interact prep, cur retir - MULT RESPONSE COMBO                             |
| k14q8a       | wv14 uas231 retir:: interact prep, cur retir - MULT RESPONSE COMBO                            |
| k15q8a       | wv15 uas457 retir:: interact prep, cur retir - MULT RESPONSE COMBO                            |

| k13q8as1 | wv13 uas94 retir:: interact prep, cur retir - visited Social Security office     |
|----------|--|
| k14q8as1 | wv14 uas231 retir:: interact prep, cur retir - visited Social Security office    |
| k15q8as1 | wv15 uas457 retir:: interact prep, cur retir - visited Social Security office    |
| k13q8as2 | wv13 uas94 retir:: interact prep, cur retir - called SSA                         |
| k14q8as2 | wv14 uas231 retir:: interact prep, cur retir - called SSA                        |
| k15q8as2 | wv15 uas457 retir:: interact prep, cur retir - called SSA                        |
| k13q8as3 | wv13 uas94 retir:: interact prep, cur retir - visited Social Security website    |
| k14q8as3 | wv14 uas231 retir:: interact prep, cur retir - visited Social Security website   |
| k15q8as3 | wv15 uas457 retir:: interact prep, cur retir - visited Social Security website   |
| k13q8as4 | wv13 uas94 retir:: interact prep, cur retir - used retirement calculator         |
| k14q8as4 | wv14 uas231 retir:: interact prep, cur retir - used retirement calculator        |
| k15q8as4 | wv15 uas457 retir:: interact prep, cur retir - used retirement calculator        |
| k13q8as5 | wv13 uas94 retir:: interact prep, cur retir - consulted professional sources     |
| k14q8as5 | wv14 uas231 retir:: interact prep, cur retir - consulted professional sources    |
| k15q8as5 | wv15 uas457 retir:: interact prep, cur retir - consulted professional sources    |
| k13q8as6 | wv13 uas94 retir:: interact prep, cur retir - discussed fncl plan w fam/friends  |
| k14q8as6 | wv14 uas231 retir:: interact prep, cur retir - discussed fncl plan w fam/friends |
| k15q8as6 | wv15 uas457 retir:: interact prep, cur retir - discussed fncl plan w fam/friends |
| k13q8as7 | wv13 uas94 retir:: interact prep, cur retir - none of the above                  |
| k14q8as7 | wv14 uas231 retir:: interact prep, cur retir - none of the above                 |
| k15q8as7 | wv15 uas457 retir:: interact prep, cur retir - none of the above                 |
| k13q8b   | wv13 uas94 retir:: investments, cur retired ed - MULT RESP COMBO                 |
| k14q8b   | wv14 uas231 retir:: investments, cur retired ed - MULT RESP COMBO                |
| k15q8b   | wv15 uas457 retir:: investments, cur retired ed - MULT RESP COMBO                |
| k13q8bs1 | wv13 uas94 retir:: investments, cur retired - employers retir savings program    |
| k14q8bs1 | wv14 uas231 retir:: investments, cur retired - employers retir savings program   |
| k15q8bs1 | wv15 uas457 retir:: investments, cur retired - employers retir savings program   |
| k13q8bs2 | wv13 uas94 retir:: investments, cur retired ed - savings account                 |
| k14q8bs2 | wv14 uas231 retir:: investments, cur retired ed - savings account                |
| k15q8bs2 | wv15 uas457 retir:: investments, cur retired ed - savings account                |

| k13q8bs3 | wv13 uas94 retir:: investments, cur retired ed - 401(k) or 403(b) or equiv     |
|----------|--|
| k14q8bs3 | wv14 uas231 retir:: investments, cur retired ed - 401(k) or 403(b) or equiv    |
| k15q8bs3 | wv15 uas457 retir:: investments, cur retired ed - 401(k) or 403(b) or equiv    |
| k13q8bs4 | wv13 uas94 retir:: investments, cur retired - Individual Reti Account (IRA)    |
| k14q8bs4 | wv14 uas231 retir:: investments, cur retired - Individual Reti Account (IRA)   |
| k15q8bs4 | wv15 uas457 retir:: investments, cur retired - Individual Reti Account (IRA)   |
| k13q8bs5 | wv13 uas94 retir:: investments, cur retired - Certificates of Deposits (CDs)   |
| k14q8bs5 | wv14 uas231 retir:: investments, cur retired - Certificates of Deposits (CDs)  |
| k15q8bs5 | wv15 uas457 retir:: investments, cur retired - Certificates of Deposits (CDs)  |
| k13q8bs6 | wv13 uas94 retir:: investments, cur retired ed - mutual funds, stocks/bonds    |
| k14q8bs6 | wv14 uas231 retir:: investments, cur retired ed - mutual funds, stocks/bonds   |
| k15q8bs6 | wv15 uas457 retir:: investments, cur retired ed - mutual funds, stocks/bonds   |
| k13q8bs7 | wv13 uas94 retir:: investments, cur retired ed - none of the above             |
| k14q8bs7 | wv14 uas231 retir:: investments, cur retired ed - none of the above            |
| k15q8bs7 | wv15 uas457 retir:: investments, cur retired ed - none of the above            |
| k13q8c   | wv13 uas94 retir:: interact prep, not retir - MULT RESPONSE COMBO              |
| k14q8c   | wv14 uas231 retir:: interact prep, not retir - MULT RESPONSE COMBO             |
| k15q8c   | wv15 uas457 retir:: interact prep, not retir - MULT RESPONSE COMBO             |
| k13q8cs1 | wv13 uas94 retir:: interact prep, not retir - visited Social Security office   |
| k14q8cs1 | wv14 uas231 retir:: interact prep, not retir - visited Social Security office  |
| k15q8cs1 | wv15 uas457 retir:: interact prep, not retir - visited Social Security office  |
| k13q8cs2 | wv13 uas94 retir:: interact prep, not retir - called SSA                       |
| k14q8cs2 | wv14 uas231 retir:: interact prep, not retir - called SSA                      |
| k15q8cs2 | wv15 uas457 retir:: interact prep, not retir - called SSA                      |
| k13q8cs3 | wv13 uas94 retir:: interact prep, not retir - visited Social Security website  |
| k14q8cs3 | wv14 uas231 retir:: interact prep, not retir - visited Social Security website |
| k15q8cs3 | wv15 uas457 retir:: interact prep, not retir - visited Social Security website |
| k13q8cs4 | wv13 uas94 retir:: interact prep, not retir - used retirement calculator       |
| k14q8cs4 | wv14 uas231 retir:: interact prep, not retir - used retirement calculator      |
| k15q8cs4 | wv15 uas457 retir:: interact prep, not retir - used retirement calculator      |

| k13q8cs5 | wv13 uas94 retir:: interact prep, not retir - consulted professional sources     |
|----------|--|
| k14q8cs5 | wv14 uas231 retir:: interact prep, not retir - consulted professional sources    |
| k15q8cs5 | wv15 uas457 retir:: interact prep, not retir - consulted professional sources    |
| k13q8cs6 | wv13 uas94 retir:: interact prep, not retir - discussed fncl plan w fam/friends  |
| k14q8cs6 | wv14 uas231 retir:: interact prep, not retir - discussed fncl plan w fam/friends |
| k15q8cs6 | wv15 uas457 retir:: interact prep, not retir - discussed fncl plan w fam/friends |
| k13q8cs7 | wv13 uas94 retir:: interact prep, not retir - none of the above                  |
| k14q8cs7 | wv14 uas231 retir:: interact prep, not retir - none of the above                 |
| k15q8cs7 | wv15 uas457 retir:: interact prep, not retir - none of the above                 |
| k13q8d   | wv13 uas94 retir:: investments, not retired - MULT RESP COMBO                    |
| k14q8d   | wv14 uas231 retir:: investments, not retired - MULT RESP COMBO                   |
| k15q8d   | wv15 uas457 retir:: investments, not retired - MULT RESP COMBO                   |
| k13q8ds1 | wv13 uas94 retir:: investments, not retired - employers retir savings program    |
| k14q8ds1 | wv14 uas231 retir:: investments, not retired - employers retir savings program   |
| k15q8ds1 | wv15 uas457 retir:: investments, not retired - employers retir savings program   |
| k13q8ds2 | wv13 uas94 retir:: investments, not retired - savings account                    |
| k14q8ds2 | wv14 uas231 retir:: investments, not retired - savings account                   |
| k15q8ds2 | wv15 uas457 retir:: investments, not retired - savings account                   |
| k13q8ds3 | wv13 uas94 retir:: investments, not retired - 401(k) or 403(b) or equivalent     |
| k14q8ds3 | wv14 uas231 retir:: investments, not retired - 401(k) or 403(b) or equivalent    |
| k15q8ds3 | wv15 uas457 retir:: investments, not retired - 401(k) or 403(b) or equivalent    |
| k13q8ds4 | wv13 uas94 retir:: investments, not retired - Individual Retir Account (IRA)     |
| k14q8ds4 | wv14 uas231 retir:: investments, not retired - Individual Retir Account (IRA)    |
| k15q8ds4 | wv15 uas457 retir:: investments, not retired - Individual Retir Account (IRA)    |
| k13q8ds5 | wv13 uas94 retir:: investments, not retired - Certificates of Deposits (CDs)     |
| k14q8ds5 | wv14 uas231 retir:: investments, not retired - Certificates of Deposits (CDs)    |
| k15q8ds5 | wv15 uas457 retir:: investments, not retired - Certificates of Deposits (CDs)    |
| k13q8ds6 | wv13 uas94 retir:: investments, not retired - mutual funds, stocks/bonds         |
| k14q8ds6 | wv14 uas231 retir:: investments, not retired - mutual funds, stocks/bonds        |
| k15q8ds6 | wv15 uas457 retir:: investments, not retired - mutual funds, stocks/bonds        |

| k13q8ds7 | wv13 uas94 retir:: investments, not retired - none of the above                 |
|----------|---|
| k14q8ds7 | wv14 uas231 retir:: investments, not retired - none of the above                |
| k15q8ds7 | wv15 uas457 retir:: investments, not retired - none of the above                |
| k12q9    | wv12 uas16 knowge of SS:: how benefits are calculated                           |
| k13q9    | wv13 uas94 knowge of SS:: how benefits are calculated                           |
| k14q9    | wv14 uas231 knowge of SS:: how benefits are calculated                          |
| k15q9    | wv15 uas457 knowge of SS:: how benefits are calculated                          |
| k12q10a  | wv12 uas16 knowge of SS:: non-worker can claim if spouse qualifies              |
| k13q10a  | wv13 uas94 knowge of SS:: non-worker can claim if spouse qualifies              |
| k14q10a  | wv14 uas231 knowge of SS:: non-worker can claim if spouse qualifies             |
| k15q10a  | wv15 uas457 knowge of SS:: non-worker can claim if spouse qualifies             |
| k12q10b  | wv12 uas16 knowge of SS:: benefits not affected by age when claimed             |
| k13q10b  | wv13 uas94 knowge of SS:: benefits not affected by age when claimed             |
| k14q10b  | wv14 uas231 knowge of SS:: benefits not affected by age when claimed            |
| k15q10b  | wv15 uas457 knowge of SS:: benefits not affected by age when claimed            |
| k12q10c  | wv12 uas16 knowge of SS:: benefits are adjusted for inflation                   |
| k13q10c  | wv13 uas94 knowge of SS:: benefits are adjusted for inflation                   |
| k14q10c  | wv14 uas231 knowge of SS:: benefits are adjusted for inflation                  |
| k15q10c  | wv15 uas457 knowge of SS:: benefits are adjusted for inflation                  |
| k12q10d  | wv12 uas16 knowge of SS:: benefits must be claimed as soon as someone retires   |
| k12q10e  | wv12 uas16 knowge of SS:: retired people who still earn have to pay tax         |
| k12q10f  | wv12 uas16 knowge of SS:: paid for by taxing both workers & employers           |
| k13q10f  | wv13 uas94 knowge of SS:: paid for by taxing both workers & employers           |
| k14q10f  | wv14 uas231 knowge of SS:: paid for by taxing both workers & employers          |
| k15q10f  | wv15 uas457 knowge of SS:: paid for by taxing both workers & employers          |
| k12q10g  | wv12 uas16 knowge of SS:: workers who pay SS tax entitled to SS disability      |
| k13q10g  | wv13 uas94 knowge of SS:: workers who pay SS taxes entitled to SS disability    |
| k14q10g  | wv14 uas231 knowge of SS:: workers who pay SS taxes entitled to SS disability   |
| k15q10g  | wv15 uas457 knowge of SS:: workers who pay SS taxes entitled to SS disability   |
| k12q10h  | wv12 uas16 knowge of SS:: only childn < 18 can clm benfit when SS taxpayer dies |

| k13q10h         | wv13 uas94 knowge of SS:: only childn < 18 can clm benfit when SS taxpayer dies  |
|-----------------|--|
| k14q10h         | wv14 uas231 knowge of SS:: only childn < 18 can clm benfit when SS taxpayer dies |
| k15q10h         | wv15 uas457 knowge of SS:: only childn < 18 can clm benfit when SS taxpayer dies |
| k12q10i         | wv12 uas16 knowge of SS:: only sp w childn can clm benfit when SS taxpayer dies  |
| k13q10i         | wv13 uas94 knowge of SS:: only sp w childn can clm benfit when SS taxpayer dies  |
| k14q10i         | wv14 uas231 knowge of SS:: only sp w childn can clm benfit when SS taxpayer dies |
| k15q10i         | wv15 uas457 knowge of SS:: only sp w childn can clm benfit when SS taxpayer dies |
| k13q10j         | wv13 uas94 knowge of SS:: never entitled to benefits on ex-spouses record        |
| k14q10j         | wv14 uas231 knowge of SS:: never entitled to benefits on ex-spouses record       |
| k15q10j         | wv15 uas457 knowge of SS:: never entitled to benefits on ex-spouses record       |
| k13q10k         | wv13 uas94 knowge of SS:: must claim benefits immediately after retirement       |
| k14q10k         | wv14 uas231 knowge of SS:: must claim benefits immediately after retirement      |
| k15q10k         | wv15 uas457 knowge of SS:: must claim benefits immediately after retirement      |
| k12q9_correct   | wv12 uas16 SS ans correct:: [q9] how benefits are calculated                     |
| k13q9_correct   | wv13 uas94 SS ans correct:: [q9] how benefits are calculated                     |
| k14q9_correct   | wv14 uas231 SS ans correct:: [q9] how benefits are calculated                    |
| k15q9_correct   | wv15 uas457 SS ans correct:: [q9] how benefits are calculated                    |
| k12q10a_correct | wv12 uas16 SS ans correct:: [q10a] non-worker can claim if spouse qualifies      |
| k13q10a_correct | wv13 uas94 SS ans correct:: [q10a] non-worker can claim if spouse qualifies      |
| k14q10a_correct | wv14 uas231 SS ans correct:: [q10a] non-worker can claim if spouse qualifies     |
| k15q10a_correct | wv15 uas457 SS ans correct:: [q10a] non-worker can claim if spouse qualifies     |
| k12q10b_correct | wv12 uas16 SS ans correct:: [q10b] benefits not affected by age when claimed     |
| k13q10b_correct | wv13 uas94 SS ans correct:: [q10b] benefits not affected by age when claimed     |
| k14q10b_correct | wv14 uas231 SS ans correct:: [q10b] benefits not affected by age when claimed    |
| k15q10b_correct | wv15 uas457 SS ans correct:: [q10b] benefits not affected by age when claimed    |
| k12q10c_correct | wv12 uas16 SS ans correct:: [q10c] benefits are adjusted for inflation           |
| k13q10c_correct | wv13 uas94 SS ans correct:: [q10c] benefits are adjusted for inflation           |
| k14q10c_correct | wv14 uas231 SS ans correct:: [q10c] benefits are adjusted for inflation          |
| k15q10c_correct | wv15 uas457 SS ans correct:: [q10c] benefits are adjusted for inflation          |
| k12q10d_correct | wv12 uas16 SS ans correct:: [q10d] benfit must be clmed when someone retires     |

| k12q10e_correct   | wv12 uas16 SS ans correct:: [q10e] retired people who still earn must pay tax              |
|-------------------|--|
| k12q10f_correct   | wv12 uas16 SS ans correct:: [q10f] paid for by taxing both workers & employers             |
| k13q10f_correct   | wv13 uas94 SS ans correct:: [q10f] paid for by taxing both workers & employers             |
| k14q10f_correct   | wv14 uas231 SS ans correct:: [q10f] paid for by taxing both workers & employers            |
| k15q10f_correct   | wv15 uas457 SS ans correct:: [q10f] paid for by taxing both workers & employers            |
| k12q10g_correct   | wv12 uas16 SS ans correct:: [q10g] pay SS taxes then entitled to SS disability             |
| k13q10g_correct   | wv13 uas94 SS ans correct:: [q10g] pay SS taxes then entitled to SS disability             |
| k14q10g_correct   | wv14 uas231 SS ans correct:: [q10g] pay SS taxes then entitled to SS disability            |
| k15q10g_correct   | wv15 uas457 SS ans correct:: [q10g] pay SS taxes then entitled to SS disability            |
| k12q10h_correct   | wv12 uas16 SS ans correct:: [q10h] only child < 18 can clm benfit after a death            |
| k13q10h_correct   | wv13 uas94 SS ans correct:: [q10h] only child < 18 can clm benfit after a death            |
| k14q10h_correct   | wv14 uas231 SS ans correct:: [q10h] only child < 18 can clm benfit after a death           |
| k15q10h_correct   | wv15 uas457 SS ans correct:: [q10h] only child < 18 can clm benfit after a death           |
| k12q10i_correct   | wv12 uas16 SS ans correct:: [q10i] only sp w child can clm benfit after a death            |
| k13q10i_correct   | wv13 uas94 SS ans correct:: [q10i] only sp w child can clm benfit after a death            |
| k14q10i_correct   | wv14 uas231 SS ans correct:: [q10i] only sp w child can clm benfit after a death           |
| k15q10i_correct   | wv15 uas457 SS ans correct:: [q10i] only sp w child can clm benfit after a death           |
| k13q10k_correct   | wv13 uas94 SS ans correct:: [10k] must claim benefits immediately after retir              |
| k14q10k_correct   | wv14 uas231 SS ans correct:: [10k] must claim benefits immediately after retir             |
| k15q10k_correct   | wv15 uas457 SS ans correct:: [10k] must claim benefits immediately after retir             |
| k12KS_ssret_basic | wv12 uas16 knowge of SS:: Index of Social Security Knowledge (basic)                       |
| k13KS_ssret_basic | wv13 uas94 knowge of SS:: Index of Social Security Knowledge (basic)                       |
| k14KS_ssret_basic | wv14 uas231 knowge of SS:: Index of Social Security Knowledge (basic)                      |
| k15KS_ssret_basic | wv15 uas457 knowge of SS:: Index of Social Security Knowledge (basic)                      |
| k12q11            | wv12 uas16 self-perceived knwge of SS:: confidence about q10a-q10i responses               |
| k13q11            | wv13 uas94 self-perceived knwge of SS:: confidence about q10a-q10i responses               |
| k14q11            | wv14 uas231 self-perceived knwge of SS:: confidence about q10a-q10i responses              |
| k15q11            | wv15 uas457 self-perceived knwge of SS:: confidence about q10a-q10i responses              |
| k12q12            | wv12 uas16 knowge of SS:: what is auto deducted from benefits when 65+                     |
| k13q12_ans13      | wv13 uas94 knowge of SS:: <wv13 ans="" change=""> auto deduct from benefit when 65+</wv13> |

| k14q12_ans13         | wv14 uas231 knowge of SS:: <wv13 ans="" change=""> auto deduct from benefit when 65+</wv13>   |
|----------------------|---|
| k15q12_ans13         | wv15 uas457 knowge of SS:: <wv13 ans="" change=""> auto deduct from benefit when 65+</wv13>   |
| k12q12_correct       | wv12 uas16 SS ans correct:: [q12_ans13] whats auto deduct from benfit when 65+                |
| k13q12_correct_ans13 | wv13 uas94 SS ans correct:: [q12_ans13] what auto deduct from benfit when 65+                 |
| k14q12_correct_ans13 | wv14 uas231 SS ans correct:: [q12_ans13] what auto deduct from benfit when 65+                |
| k15q12_correct_ans13 | wv15 uas457 SS ans correct:: [q12_ans13] what auto deduct from benfit when 65+                |
| k12q13               | wv12 uas16 knowge of SS:: amount of monthly disability benefits if disabled                   |
| k13NEW13q13          | wv13 uas94 knowge of SS:: <wv13 new="" ques=""> age eligib w no early retir reduction</wv13>  |
| k14NEW13q13          | wv14 uas231 knowge of SS:: <wv13 new="" ques=""> age eligib w no early retir reduction</wv13> |
| k15NEW13q13          | wv15 uas457 knowge of SS:: <wv13 new="" ques=""> age eligib w no early retir reduction</wv13> |
| k12np_01             | wv12 uas16 knowge of SS:: r early eligibility age (EEA)                                       |
| k13np_01             | wv13 uas94 knowge of SS:: r early eligibility age (EEA)                                       |
| k14np_01             | wv14 uas231 knowge of SS:: r early eligibility age (EEA)                                      |
| k15np_01             | wv15 uas457 knowge of SS:: r early eligibility age (EEA)                                      |
| k12np_02             | wv12 uas16 knowge of SS:: r full retirement age (FRA)   |
| k13np_02             | wv13 uas94 knowge of SS:: r full retirement age (FRA)   |
| k14np_02             | wv14 uas231 knowge of SS:: r full retirement age (FRA)  |
| k15np_02             | wv15 uas457 knowge of SS:: r full retirement age (FRA)  |
| k12np_03             | wv12 uas16 knowge of SS:: relationship bt age stop working & age claim benefits               |
| k13np_03             | wv13 uas94 knowge of SS:: relationship bt age stop working & age claim benefits               |
| k14np_03             | wv14 uas231 knowge of SS:: relationship bt age stop working & age claim benefits              |
| k15np_03             | wv15 uas457 knowge of SS:: relationship bt age stop working & age claim benefits              |
| k12np_04             | wv12 uas16 knowge of SS:: what are delayed retirement credits (DRC)                           |
| k13np_04             | wv13 uas94 knowge of SS:: what are delayed retirement credits (DRC)                           |
| k14np_04             | wv14 uas231 knowge of SS:: what are delayed retirement credits (DRC)                          |
| k15np_04             | wv15 uas457 knowge of SS:: what are delayed retirement credits (DRC)                          |
| k12np_05             | wv12 uas16 knowge of SS:: when r eligible for delayed retirement credits (DRC)                |
| k13np_05             | wv13 uas94 knowge of SS:: when r eligible for delayed retirement credits (DRC)                |
| k14np_05             | wv14 uas231 knowge of SS:: when r eligible for delayed retirement credits (DRC)               |
| k15np_05             | wv15 uas457 knowge of SS:: when r eligible for delayed retirement credits (DRC)               |

| k12np_05_age     | wv12 uas16 knowge of SS:: when r eligible for DRC, as years old                  |
|------------------|--|
| k13np_05_age     | wv13 uas94 knowge of SS:: when r eligible for DRC, as years old                  |
| k14np_05_age     | wv14 uas231 knowge of SS:: when r eligible for DRC, as years old                 |
| k15np_05_age     | wv15 uas457 knowge of SS:: when r eligible for DRC, as years old                 |
| k12np_06         | wv12 uas16 knowge of SS:: when r would stop earning additional DRC               |
| k13np_06         | wv13 uas94 knowge of SS:: when r would stop earning additional DRC               |
| k14np_06         | wv14 uas231 knowge of SS:: when r would stop earning additional DRC              |
| k15np_06         | wv15 uas457 knowge of SS:: when r would stop earning additional DRC              |
| k12np_06_age     | wv12 uas16 knowge of SS:: when r would stop earning additional DRC, as yrs old   |
| k13np_06_age     | wv13 uas94 knowge of SS:: when r would stop earning additional DRC, as yrs old   |
| k14np_06_age     | wv14 uas231 knowge of SS:: when r would stop earning additional DRC, as yrs old  |
| k15np_06_age     | wv15 uas457 knowge of SS:: when r would stop earning additional DRC, as yrs old  |
| k13np_08         | wv13 uas94 knowge of SS:: when 68 yr old with 50k income should claim            |
| k14np_08         | wv14 uas231 knowge of SS:: when 68 yr old with 50k income should claim           |
| k15np_08         | wv15 uas457 knowge of SS:: when 68 yr old with 50k income should claim           |
| k13np_09         | wv13 uas94 knowge of SS:: what impacts does Retirement Earnings Test (RET) have  |
| k14np_09         | wv14 uas231 knowge of SS:: what impacts does Retirement Earnings Test (RET) have |
| k15np_09         | wv15 uas457 knowge of SS:: what impacts does Retirement Earnings Test (RET) have |
| k12np_01_correct | wv12 uas16 SS ans correct:: [np_01] r early eligibility age (EEA)                |
| k13np_01_correct | wv13 uas94 SS ans correct:: [np_01] r early eligibility age (EEA)                |
| k14np_01_correct | wv14 uas231 SS ans correct:: [np_01] r early eligibility age (EEA)               |
| k15np_01_correct | wv15 uas457 SS ans correct:: [np_01] r early eligibility age (EEA)               |
| k12fra           | wv12 uas16 SS:: full retirement age  |
| k13fra           | wv13 uas94 SS:: full retirement age  |
| k14fra           | wv14 uas231 SS:: full retirement age   |
| k15fra           | wv15 uas457 SS:: full retirement age   |
| k12np_02_correct | wv12 uas16 SS ans correct:: [np_02] r full retirement age (FRA)                  |
| k13np_02_correct | wv13 uas94 SS ans correct:: [np_02] r full retirement age (FRA)                  |
| k14np_02_correct | wv14 uas231 SS ans correct:: [np_02] r full retirement age (FRA)                 |
| k15np_02_correct | wv15 uas457 SS ans correct:: [np_02] r full retirement age (FRA)                 |

| k12np_03_correct | wv12 uas16 SS ans correct:: [np_03] relation bt age stop wrk & age clm benfit    |
|------------------|--|
| k13np_03_correct | wv13 uas94 SS ans correct:: [np_03] relation bt age stop wrk & age clm benefits  |
| k14np_03_correct | wv14 uas231 SS ans correct:: [np_03] relation bt age stop wrk & age clm benefits |
| k15np_03_correct | wv15 uas457 SS ans correct:: [np_03] relation bt age stop wrk & age clm benefits |
| k12np_04_correct | wv12 uas16 SS ans correct:: [np_04] what are delayed retirement credits (DRC)    |
| k13np_04_correct | wv13 uas94 SS ans correct:: [np_04] what are delayed retirement credits (DRC)    |
| k14np_04_correct | wv14 uas231 SS ans correct:: [np_04] what are delayed retirement credits (DRC)   |
| k15np_04_correct | wv15 uas457 SS ans correct:: [np_04] what are delayed retirement credits (DRC)   |
| k12np_05_correct | wv12 uas16 SS ans correct:: [np_05] when r eligib for delayd retir crdit (DRC)   |
| k13np_05_correct | wv13 uas94 SS ans correct:: [np_05] when r eligib for delayd retir crdits (DRC)  |
| k14np_05_correct | wv14 uas231 SS ans correct:: [np_05] when r eligib for delayd retir crdits (DRC) |
| k15np_05_correct | wv15 uas457 SS ans correct:: [np_05] when r eligib for delayd retir crdits (DRC) |
| k12np_06_correct | wv12 uas16 SS ans correct:: [np_06] when r would stop earning additional DRC     |
| k13np_06_correct | wv13 uas94 SS ans correct:: [np_06] when r would stop earning additional DRC     |
| k14np_06_correct | wv14 uas231 SS ans correct:: [np_06] when r would stop earning additional DRC    |
| k15np_06_correct | wv15 uas457 SS ans correct:: [np_06] when r would stop earning additional DRC    |
| k12KS_ssret_ages | wv12 uas16 knowge of SS:: Index of Social Security Knowledge (key ages)          |
| k13KS_ssret_ages | wv13 uas94 knowge of SS:: Index of Social Security Knowledge (key ages)          |
| k14KS_ssret_ages | wv14 uas231 knowge of SS:: Index of Social Security Knowledge (key ages)         |
| k15KS_ssret_ages | wv15 uas457 knowge of SS:: Index of Social Security Knowledge (key ages)         |
| k12KS_ssret_comp | wv12 uas16 knowge of SS:: Index of Social Security Knowledge (complete)          |
| k13KS_ssret_comp | wv13 uas94 knowge of SS:: Index of Social Security Knowledge (complete)          |
| k14KS_ssret_comp | wv14 uas231 knowge of SS:: Index of Social Security Knowledge (complete)         |
| k15KS_ssret_comp | wv15 uas457 knowge of SS:: Index of Social Security Knowledge (complete)         |
| k12q17_age       | wv12 uas16 retir/SS intentions:: age fully retire                                |
| k13q17_age       | wv13 uas94 retir/SS intentions:: age fully retire                                |
| k14q17_age       | wv14 uas231 retir/SS intentions:: age fully retire                               |
| k15q17_age       | wv15 uas457 retir/SS intentions:: age fully retire                               |
| k12q17           | wv12 uas16 retir/SS intentions:: age fully retire - why age missing              |
| k13q17           | wv13 uas94 retir/SS intentions:: age fully retire - why age missing              |

| k14q17      | wv14 uas231 retir/SS intentions:: age fully retire - why age missing            |
|-------------|---|
| k15q17      | wv15 uas457 retir/SS intentions:: age fully retire - why age missing            |
| k15q17_fol  | wv15 uas457 retir/SS intentions:: age fully retire - guess when q17=dk          |
| k12q18_age  | wv12 uas16 retir/SS intentions:: age fully retire, spouse                       |
| k13q18_age  | wv13 uas94 retir/SS intentions:: age fully retire, spouse                       |
| k14q18_age  | wv14 uas231 retir/SS intentions:: age fully retire, spouse                      |
| k15q18_age  | wv15 uas457 retir/SS intentions:: age fully retire, spouse                      |
| k12q18b     | wv12 uas16 retir/SS intentions:: age fully retire, spouse - why age missing     |
| k13q18b     | wv13 uas94 retir/SS intentions:: age fully retire, spouse - why age missing     |
| k14q18b     | wv14 uas231 retir/SS intentions:: age fully retire, spouse - why age missing    |
| k15q18b     | wv15 uas457 retir/SS intentions:: age fully retire, spouse - why age missing    |
| k12q19_age  | wv12 uas16 retir/SS intentions:: age plan to claim SS benefits                  |
| k13q19_age  | wv13 uas94 retir/SS intentions:: age plan to claim SS benefits                  |
| k14q19_age  | wv14 uas231 retir/SS intentions:: age plan to claim SS benefits                 |
| k15q19_age  | wv15 uas457 retir/SS intentions:: age plan to claim SS benefits                 |
| k12q19a     | wv12 uas16 retir/SS intentions:: age plan to clm SS benfit - why age missing    |
| k13q19a     | wv13 uas94 retir/SS intentions:: age plan to clm SS benefits - why age missing  |
| k14q19a     | wv14 uas231 retir/SS intentions:: age plan to clm SS benefits - why age missing |
| k15q19a     | wv15 uas457 retir/SS intentions:: age plan to clm SS benefits - why age missing |
| k12q19b     | wv12 uas16 retir/SS intentions:: age claimed SS benefits                        |
| k15q19_fol  | wv15 uas457 retir/SS intentions:: age plan to clm SS benefits - gues if q19a=dk |
| k12q19c_age | wv12 uas16 retir/SS intentions:: age plan to claim SS benefits, spouse          |
| k13q19c_age | wv13 uas94 retir/SS intentions:: age plan to claim SS benefits, spouse          |
| k14q19c_age | wv14 uas231 retir/SS intentions:: age plan to claim SS benefits, spouse         |
| k15q19c_age | wv15 uas457 retir/SS intentions:: age plan to claim SS benefits, spouse         |
| k12q19c     | wv12 uas16 retir/SS intentions:: age plan to clm SS benfit, sp - why age miss   |
| k13q19c     | wv13 uas94 retir/SS intentions:: age plan to clm SS benfit, sp - why age miss   |
| k14q19c     | wv14 uas231 retir/SS intentions:: age plan to clm SS benfit, sp - why age miss  |
| k15q19c     | wv15 uas457 retir/SS intentions:: age plan to clm SS benfit, sp - why age miss  |
| k12q19d     | wv12 uas16 retir/SS intentions:: age claimed SS benefits, spouse                |

| k13q19d          | wv13 uas94 retir/SS intentions:: age claimed SS benefits, spouse                |
|------------------|---|
| k14q19d          | wv14 uas231 retir/SS intentions:: age claimed SS benefits, spouse               |
| k15q19d          | wv15 uas457 retir/SS intentions:: age claimed SS benefits, spouse               |
| k12q20a          | wv12 uas16 predict SS benefits:: amount per mo                                  |
| k13q20a          | wv13 uas94 predict SS benefits:: amount per mo                                  |
| k14q20a          | wv14 uas231 predict SS benefits:: amount per mo                                 |
| k15q20a          | wv15 uas457 predict SS benefits:: amount per mo                                 |
| k12q20a_followup | wv12 uas16 predict SS benefits:: amount per mo, 2nd ask                         |
| k13q20a_followup | wv13 uas94 predict SS benefits:: amount per mo, 2nd ask                         |
| k14q20a_followup | wv14 uas231 predict SS benefits:: amount per mo, 2nd ask                        |
| k15q20a_followup | wv15 uas457 predict SS benefits:: amount per mo, 2nd ask                        |
| k13q21           | wv13 uas94 knowge of SS:: increase in benft when start clming age=64 vs age=62  |
| k14q21           | wv14 uas231 knowge of SS:: increase in benft when start clming age=64 vs age=62 |
| k15q21           | wv15 uas457 knowge of SS:: increase in benft when start clming age=64 vs age=62 |
| k12q21a          | wv12 uas16 predict SS benefits:: amt per mo if waited 2 more yrs before clming  |
| k12q21a_followup | wv12 uas16 predict SS benefits:: amount per mo if waited 2 more yrs, 2nd ask    |
| k12q22a          | wv12 uas16 predict SS benefits:: amount per mo for spouse                       |
| k13q22a          | wv13 uas94 predict SS benefits:: amount per mo for spouse                       |
| k14q22a          | wv14 uas231 predict SS benefits:: amount per mo for spouse                      |
| k15q22a          | wv15 uas457 predict SS benefits:: amount per mo for spouse                      |
| k12q22a_followup | wv12 uas16 predict SS benefits:: amount per mo for spouse, 2nd ask              |
| k13q22a_followup | wv13 uas94 predict SS benefits:: amount per mo for spouse, 2nd ask              |
| k14q22a_followup | wv14 uas231 predict SS benefits:: amount per mo for spouse, 2nd ask             |
| k15q22a_followup | wv15 uas457 predict SS benefits:: amount per mo for spouse, 2nd ask             |
| k12q22d          | wv12 uas16 predict SS benefits:: if clm benfit at 70, can draw oth sav/income   |
| k13q22d          | wv13 uas94 predict SS benefits:: if clm benfit at 70, can draw oth sav/income   |
| k14q22d          | wv14 uas231 predict SS benefits:: if clm benfit at 70, can draw oth sav/income  |
| k15q22d          | wv15 uas457 predict SS benefits:: if clm benfit at 70, can draw oth sav/income  |
| k12q29           | wv12 uas16 SS website:: have visited  |
| k12q29_calc      | wv12 uas16 SS website:: used retirement estimator                               |

| k12q29_calc_why   | wv12 uas16 SS website:: main reason used - MULT RESP COMBO                     |
|-------------------|--|
| k12q29_calc_whys1 | wv12 uas16 SS website:: main reason used - to estimate amount of benefits      |
| k12q29_calc_whys2 | wv12 uas16 SS website:: main reason used - to find out when eligible           |
| k12q29_calc_whys3 | wv12 uas16 SS website:: main reason used - to learn how benfits are calculated |
| k12q29_calc_whys5 | wv12 uas16 SS website:: main reason used - to verify my records                |
| k12q29_calc_whys6 | wv12 uas16 SS website:: main reason used - other                               |
| k12q29_acct       | wv12 uas16 SS website:: ever created account                                   |
| k12q29b           | wv12 uas16 SS website:: able to compute amount received with calculator        |
| k12q29c           | wv12 uas16 SS website:: match of calculated benefit amount with expected amout |
| k12q29d           | wv12 uas16 SS website:: how using calculator affected plans                    |
| k12q29e           | wv12 uas16 SS website:: helpfulness of calculator                              |
| k12q34            | wv12 uas16 SS:: preferred method for SSA application                           |
| k12q35_2d         | wv12 uas16 helpfulness of SS info:: wrksheets abt afford to stop wrk/earn less |
| k12q35_2e         | wv12 uas16 helpfulness of SS info:: info about solvency of SS system           |
| k12q35_2f         | wv12 uas16 helpfulness of SS info:: on how much can deduct to pay for medicare |
| k12q35_2g         | wv12 uas16 helpfulness of SS info:: web calclator to est taxes owed on benfits |
| k12q35_2h         | wv12 uas16 helpfulness of SS info:: psa about retir planning                   |
| k14in001a         | wv14 uas231 internet:: skills - open downloaded files                          |
| k15in001a         | wv15 uas457 internet:: skills - open downloaded files                          |
| k14in001b         | wv14 uas231 internet:: skills - download/save photo                            |
| k15in001b         | wv15 uas457 internet:: skills - download/save photo                            |
| k14in001c         | wv14 uas231 internet:: skills - use shortcut keys                              |
| k15in001c         | wv15 uas457 internet:: skills - use shortcut keys                              |
| k14in001d         | wv14 uas231 internet:: skills - open new tab                                   |
| k15in001d         | wv15 uas457 internet:: skills - open new tab                                   |
| k14in001e         | wv14 uas231 internet:: skills - bookmark website                               |
| k15in001e         | wv15 uas457 internet:: skills - bookmark website                               |
| k14in001f         | wv14 uas231 internet:: skills - where to click for dif webpage                 |
| k15in001f         | wv15 uas457 internet:: skills - where to click for dif webpage                 |
| k14in001g         | wv14 uas231 internet:: skills - complete online forms                          |

| k15in001g | wv15 uas457 internet:: skills - complete online forms                    |
|-----------|--|
| k14in001h | wv14 uas231 internet:: skills - upload files                             |
| k15in001h | wv15 uas457 internet:: skills - upload files                             |
| k14in001i | wv14 uas231 internet:: skills - adjust privacy settings                  |
| k15in001i | wv15 uas457 internet:: skills - adjust privacy settings                  |
| k14in001j | wv14 uas231 internet:: skills - connect to WIFI                          |
| k15in001j | wv15 uas457 internet:: skills - connect to WIFI                          |
| k14in001k | wv14 uas231 internet:: skills - hard to choose keywords for searching    |
| k15in001k | wv15 uas457 internet:: skills - hard to choose keywords for searching    |
| k14in001l | wv14 uas231 internet:: skills - hard to find previously visited website  |
| k15in001l | wv15 uas457 internet:: skills - hard to find previously visited website  |
| k14in001m | wv14 uas231 internet:: skills - get tired when looking for info          |
| k15in001m | wv15 uas457 internet:: skills - get tired when looking for info          |
| k14in001n | wv14 uas231 internet:: skills - unsure how ended up on websites          |
| k15in001n | wv15 uas457 internet:: skills - unsure how ended up on websites          |
| k14in001o | wv14 uas231 internet:: skills - how websites are designed is confusing   |
| k15in001o | wv15 uas457 internet:: skills - how websites are designed is confusing   |
| k14in001p | wv14 uas231 internet:: skills - dif site layouts make internet difficult |
| k15in001p | wv15 uas457 internet:: skills - dif site layouts make internet difficult |
| k14in001q | wv14 uas231 internet:: skills - need course about finding info           |
| k15in001q | wv15 uas457 internet:: skills - need course about finding info           |
| k14in001r | wv14 uas231 internet:: skills - difficult to verify retrieved info       |
| k15in001r | wv15 uas457 internet:: skills - difficult to verify retrieved info       |
| k14in001s | wv14 uas231 internet:: skills - what info to share & not share           |
| k15in001s | wv15 uas457 internet:: skills - what info to share & not share           |
| k14in001t | wv14 uas231 internet:: skills - when to share info                       |
| k15in001t | wv15 uas457 internet:: skills - when to share info                       |
| k14in001u | wv14 uas231 internet:: skills - careful about online comments/behaviors  |
| k15in001u | wv15 uas457 internet:: skills - careful about online comments/behaviors  |
| k14in001v | wv14 uas231 internet:: skills - how to change who share content with     |

| k15in001v  | wv15 uas457 internet:: skills - how to change who share content with   |
|------------|--|
| k14in001w  | wv14 uas231 internet:: skills - remove friends from contacts           |
| k15in001w  | wv15 uas457 internet:: skills - remove friends from contacts           |
| k14in001x  | wv14 uas231 internet:: skills - decide who to follow                   |
| k15in001x  | wv15 uas457 internet:: skills - decide who to follow                   |
| k14in001y  | wv14 uas231 internet:: skills - create something new from online media |
| k15in001y  | wv15 uas457 internet:: skills - create something new from online media |
| k14in001z  | wv14 uas231 internet:: skills - make changes to content made by others |
| k15in001z  | wv15 uas457 internet:: skills - make changes to content made by others |
| k14in001aa | wv14 uas231 internet:: skills - design a website                       |
| k15in001aa | wv15 uas457 internet:: skills - design a website                       |
| k14in001bb | wv14 uas231 internet:: skills - determine type of licence needed       |
| k15in001bb | wv15 uas457 internet:: skills - determine type of licence needed       |
| k14in001cc | wv14 uas231 internet:: skills - putting created video content online   |
| k15in001cc | wv15 uas457 internet:: skills - putting created video content online   |
| k14in001dd | wv14 uas231 internet:: skills - apps/software safe to download         |
| k15in001dd | wv15 uas457 internet:: skills - apps/software safe to download         |
| k14in001ee | wv14 uas231 internet:: skills - write comment on blog/website/forum    |
| k15in001ee | wv15 uas457 internet:: skills - write comment on blog/website/forum    |
| k14in001ff | wv14 uas231 internet:: skills - writing/commenting online              |
| k15in001ff | wv15 uas457 internet:: skills - writing/commenting online              |
| k14in001gg | wv14 uas231 internet:: skills - install mobile apps                    |
| k15in001gg | wv15 uas457 internet:: skills - install mobile apps                    |
| k14in001hh | wv14 uas231 internet:: skills - download mobile apps                   |
| k15in001hh | wv15 uas457 internet:: skills - download mobile apps                   |
| k14in001ii | wv14 uas231 internet:: skills - keep track of mobile app costs         |
| k15in001ii | wv15 uas457 internet:: skills - keep track of mobile app costs         |
| k14in002a  | wv14 uas231 internet:: activities - video-chat                         |
| k15in002a  | wv15 uas457 internet:: activities - video-chat                         |
| k14in002b  | wv14 uas231 internet:: activities - video-conference                   |

| k15in002b | wv15 uas457 internet:: activities - video-conference                        |
|-----------|---|
| k14in002c | wv14 uas231 internet:: activities - look up info about SS                   |
| k15in002c | wv15 uas457 internet:: activities - look up info about SS                   |
| k14in002d | wv14 uas231 internet:: activities - look up info about other govt programs  |
| k15in002d | wv15 uas457 internet:: activities - look up info about other govt programs  |
| k14in002e | wv14 uas231 internet:: activities - check account balances                  |
| k15in002e | wv15 uas457 internet:: activities - check account balances                  |
| k14in002f | wv14 uas231 internet:: activities - bank accounts, manage or transfer money |
| k15in002f | wv15 uas457 internet:: activities - bank accounts, manage or transfer money |
| k14in002g | wv14 uas231 internet:: activities - use email                               |
| k15in002g | wv15 uas457 internet:: activities - use email                               |
| k14in002h | wv14 uas231 internet:: activities - transfer files with co-workers          |
| k15in002h | wv15 uas457 internet:: activities - transfer files with co-workers          |
| k14in002i | wv14 uas231 internet:: activities - use social media                        |
| k15in002i | wv15 uas457 internet:: activities - use social media                        |
| k14in002j | wv14 uas231 internet:: activities - take online classes                     |
| k15in002j | wv15 uas457 internet:: activities - take online classes                     |
| k14in002k | wv14 uas231 internet:: activities - shop                                    |
| k15in002k | wv15 uas457 internet:: activities - shop                                    |
| k14in002l | wv14 uas231 internet:: activities - pay bill                                |
| k15in002l | wv15 uas457 internet:: activities - pay bill                                |
| k14in002m | wv14 uas231 internet:: activities - fill an application                     |
| k15in002m | wv15 uas457 internet:: activities - fill an application                     |
| k14in002n | wv14 uas231 internet:: activities - telemedicine visit                      |
| k15in002n | wv15 uas457 internet:: activities - telemedicine visit                      |
| k14in003a | wv14 uas231 internet:: length of exp - video-chat                           |
| k15in003a | wv15 uas457 internet:: length of exp - video-chat                           |
| k14in003b | wv14 uas231 internet:: length of exp - video-conference                     |
| k15in003b | wv15 uas457 internet:: length of exp - video-conference                     |
| k14in003c | wv14 uas231 internet:: length of exp - look up info about SS                |

| k15in003c  | wv15 uas457 internet:: length of exp - look up info about SS                   |
|------------|--|
| k14in003d  | wv14 uas231 internet:: length of exp - look up info about other govt programs  |
| k15in003d  | wv15 uas457 internet:: length of exp - look up info about other govt programs  |
| k14in003e  | wv14 uas231 internet:: length of exp - check account balances                  |
| k15in003e  | wv15 uas457 internet:: length of exp - check account balances                  |
| k14in003f  | wv14 uas231 internet:: length of exp - bank accounts, manage or transfer money |
| k15in003f  | wv15 uas457 internet:: length of exp - bank accounts, manage or transfer money |
| k14in003g  | wv14 uas231 internet:: length of exp - use email                               |
| k15in003g  | wv15 uas457 internet:: length of exp - use email                               |
| k14in003h  | wv14 uas231 internet:: length of exp - transfer files with co-workers          |
| k15in003h  | wv15 uas457 internet:: length of exp - transfer files with co-workers          |
| k14in003i  | wv14 uas231 internet:: length of exp - use social media                        |
| k15in003i  | wv15 uas457 internet:: length of exp - use social media                        |
| k14in003j  | wv14 uas231 internet:: length of exp - take online classes                     |
| k15in003j  | wv15 uas457 internet:: length of exp - take online classes                     |
| k14in003k  | wv14 uas231 internet:: length of exp - shop                                    |
| k15in003k  | wv15 uas457 internet:: length of exp - shop                                    |
| k14in003l  | wv14 uas231 internet:: length of exp - pay bill                                |
| k15in003l  | wv15 uas457 internet:: length of exp - pay bill                                |
| k14in003m  | wv14 uas231 internet:: length of exp - fill an application                     |
| k15in003m  | wv15 uas457 internet:: length of exp - fill an application                     |
| k14in003n  | wv14 uas231 internet:: length of exp - telemedicine visit                      |
| k15in003n  | wv15 uas457 internet:: length of exp - telemedicine visit                      |
| k12d1      | wv12 uas16 health:: current health rating                                      |
| k12d2      | wv12 uas16 HH info:: number of yrs (before retiring) when did not work for pay |
| k12bg002   | wv12 uas16 health:: currently covered by health insurance or health care plan  |
| k12bg003   | wv12 uas16 health:: current health ins - MULT RESP COMBO                       |
| k12bg003s1 | wv12 uas16 health:: current health ins - through spouses employer/union        |
| k12bg003s2 | wv12 uas16 health:: current health ins - through parents employer/union        |
| k12bg003s3 | wv12 uas16 health:: current health ins - retir ins thru sp former emplyr/union |

| k12bg003s4  | wv12 uas16 health:: current health ins - self-pay or private                    |
|-------------|---|
| k12bg003s5  | wv12 uas16 health:: current health ins - thru state/fed exchange or marketplace |
| k12bg003s6  | wv12 uas16 health:: current health ins - Medicare                               |
| k12bg003s7  | wv12 uas16 health:: current health ins - Medi-gap                               |
| k12bg003s8  | wv12 uas16 health:: current health ins - Medicaid                               |
| k12bg003s9  | wv12 uas16 health:: current health ins - military health care                   |
| k12bg003s10 | wv12 uas16 health:: current health ins - state sponsored health plan            |
| k12bg003s11 | wv12 uas16 health:: current health ins - other program                          |
| k12bg003s12 | wv12 uas16 health:: current health ins - no coverage of any type+E2             |

Table B.4 Topic F Variables included in the Comprehensive File

| Variable Name | Variable Label  |
|---------------|---|
| f12intro_1    | wv12 uas18 HH info:: who makes major financial decisions            |
| f13intro_1    | wv13 uas119 HH info:: who makes major financial decisions           |
| f14intro_1    | wv14 uas239 HH info:: who makes major financial decisions           |
| f15intro_1    | wv15 uas460 HH info:: who makes major financial decisions           |
| f12intro_2    | wv12 uas18 home info:: own or rent                                  |
| f13intro_2    | wv13 uas119 home info:: own or rent                                 |
| f14intro_2    | wv14 uas239 home info:: own or rent                                 |
| f15intro_2    | wv15 uas460 home info:: own or rent                                 |
| f12intro_3    | wv12 uas18 home info:: year bought                                  |
| f13intro_3    | wv13 uas119 home info:: year bought                                 |
| f14intro_3    | wv14 uas239 home info:: year bought                                 |
| f15intro_3    | wv15 uas460 home info:: year bought                                 |
| f13intro_9    | wv13 uas119 mortgage:: heard of a reverse mortgage                  |
| f14intro_9    | wv14 uas239 mortgage:: heard of a reverse mortgage                  |
| f15intro_9    | wv15 uas460 mortgage:: heard of a reverse mortgage                  |
| f12intro_4    | wv12 uas18 mortgage:: type - MULT RESP COMBO                        |
| f13intro_4    | wv13 uas119 mortgage:: type - MULT RESP COMBO                       |
| f14intro_4    | wv14 uas239 mortgage:: type - MULT RESP COMBO                       |
| f15intro_4    | wv15 uas460 mortgage:: type - MULT RESP COMBO                       |
| f12intro_4s1  | wv12 uas18 mortgage:: type - have a mortgage/home equity loan       |
| f13intro_4s1  | wv13 uas119 mortgage:: type - have a mortgage/home equity loan      |
| f14intro_4s1  | wv14 uas239 mortgage:: type - have a mortgage/home equity loan      |
| f15intro_4s1  | wv15 uas460 mortgage:: type - have a mortgage/home equity loan      |
| f12intro_4s2  | wv12 uas18 mortgage:: type - home equity line of credit, still owe  |
| f13intro_4s2  | wv13 uas119 mortgage:: type - home equity line of credit, still owe |
| f14intro_4s2  | wv14 uas239 mortgage:: type - home equity line of credit, still owe |
| f15intro_4s2  | wv15 uas460 mortgage:: type - home equity line of credit, still owe |
| f12intro_4s3  | wv12 uas18 mortgage:: type - home equity line of credit, balance 0  |

| f13intro_4s3   | wv13 uas119 mortgage:: type - home equity line of credit, balance 0       |
|----------------|---|
| f14intro_4s3   | wv14 uas239 mortgage:: type - home equity line of credit, balance 0       |
| f15intro_4s3   | wv15 uas460 mortgage:: type - home equity line of credit, balance 0       |
| f12intro_4s4   | wv12 uas18 mortgage:: type - reverse mortgage                             |
| f13intro_4s4   | wv13 uas119 mortgage:: type - reverse mortgage                            |
| f14intro_4s4   | wv14 uas239 mortgage:: type - reverse mortgage                            |
| f15intro_4s4   | wv15 uas460 mortgage:: type - reverse mortgage                            |
| f12intro_4s5   | wv12 uas18 mortgage:: type - no mortgage or line of credit                |
| f13intro_4s5   | wv13 uas119 mortgage:: type - no mortgage or line of credit               |
| f14intro_4s5   | wv14 uas239 mortgage:: type - no mortgage or line of credit               |
| f15intro_4s5   | wv15 uas460 mortgage:: type - no mortgage or line of credit               |
| f12intro_5     | wv12 uas18 mortgage:: how well understands his/her current mortgage       |
| f13intro_5     | wv13 uas119 mortgage:: how well understands his/her current mortgage      |
| f14intro_5     | wv14 uas239 mortgage:: how well understands his/her current mortgage      |
| f15intro_5     | wv15 uas460 mortgage:: how well understands his/her current mortgage      |
| f12intro_5aa   | wv12 uas18 mortgage:: current balance higher or lower than original loan  |
| f13intro_5aa   | wv13 uas119 mortgage:: current balance higher or lower than original loan |
| f14intro_5aa   | wv14 uas239 mortgage:: current balance higher or lower than original loan |
| f15intro_5aa   | wv15 uas460 mortgage:: current balance higher or lower than original loan |
| f12intro_5ab   | wv12 uas18 mortgage:: plans after pay-off mortgage                        |
| f13intro_5ab   | wv13 uas119 mortgage:: plans after pay-off mortgage                       |
| f14intro_5ab   | wv14 uas239 mortgage:: plans after pay-off mortgage                       |
| f15intro_5ab   | wv15 uas460 mortgage:: plans after pay-off mortgage                       |
| f12intro_5ac   | wv12 uas18 mortgage:: when pay-off - MULT RESP COMBO                      |
| f13intro_5ac   | wv13 uas119 mortgage:: when pay-off - MULT RESP COMBO                     |
| f14intro_5ac   | wv14 uas239 mortgage:: when pay-off - MULT RESP COMBO                     |
| f15intro_5ac   | wv15 uas460 mortgage:: when pay-off - MULT RESP COMBO                     |
| f12intro_5acs1 | wv12 uas18 mortgage:: when pay-off - when I retire                        |
| f13intro_5acs1 | wv13 uas119 mortgage:: when pay-off - when I retire                       |
| f14intro_5acs1 | wv14 uas239 mortgage:: when pay-off - when I retire                       |

| f15intro_5acs1   | wv15 uas460 mortgage:: when pay-off - when I retire                             |
|------------------|---|
| f12intro_5acs2   | wv12 uas18 mortgage:: when pay-off - entering a value in var INTRO_5AC_AGE      |
| f13intro_5acs2   | wv13 uas119 mortgage:: when pay-off - entering a value in var INTRO_5AC_AGE     |
| f14intro_5acs2   | wv14 uas239 mortgage:: when pay-off - entering a value in var INTRO_5AC_AGE     |
| f15intro_5acs2   | wv15 uas460 mortgage:: when pay-off - entering a value in var INTRO_5AC_AGE     |
| f12intro_5acs3   | wv12 uas18 mortgage:: when pay-off - will keep following current payment sched  |
| f13intro_5acs3   | wv13 uas119 mortgage:: when pay-off - will keep following current payment sched |
| f14intro_5acs3   | wv14 uas239 mortgage:: when pay-off - will keep following current payment sched |
| f15intro_5acs3   | wv15 uas460 mortgage:: when pay-off - will keep following current payment sched |
| f12intro_5ac_age | wv12 uas18 mortgage:: age when pay-off  |
| f13intro_5ac_age | wv13 uas119 mortgage:: age when pay-off   |
| f14intro_5ac_age | wv14 uas239 mortgage:: age when pay-off   |
| f15intro_5ac_age | wv15 uas460 mortgage:: age when pay-off   |
| f12intro_5a      | wv12 uas18 mortgage:: will interest reset within 2 yrs                          |
| f13intro_5a      | wv13 uas119 mortgage:: will interest reset within 2 yrs                         |
| f14intro_5a      | wv14 uas239 mortgage:: will interest reset within 2 yrs                         |
| f15intro_5a      | wv15 uas460 mortgage:: will interest reset within 2 yrs                         |
| f12intro_6       | wv12 uas18 mortgage:: refinanced past 3 yrs                                     |
| f13intro_6       | wv13 uas119 mortgage:: refinanced past 3 yrs                                    |
| f14intro_6       | wv14 uas239 mortgage:: refinanced past 3 yrs                                    |
| f15intro_6       | wv15 uas460 mortgage:: refinanced past 3 yrs                                    |
| f12intro_7       | wv12 uas18 mortgage:: why didnt refinance 3 yrs - MULT RESP COMBO               |
| f13intro_7       | wv13 uas119 mortgage:: why didnt refinance 3 yrs - MULT RESP COMBO              |
| f14intro_7       | wv14 uas239 mortgage:: why didnt refinance 3 yrs - MULT RESP COMBO              |
| f15intro_7       | wv15 uas460 mortgage:: why didnt refinance 3 yrs - MULT RESP COMBO              |
| f12intro_7s1     | wv12 uas18 mortgage:: why didnt refinance 3 yrs - never thought about it        |
| f13intro_7s1     | wv13 uas119 mortgage:: why didnt refinance 3 yrs - never thought about it       |
| f14intro_7s1     | wv14 uas239 mortgage:: why didnt refinance 3 yrs - never thought about it       |
| f15intro_7s1     | wv15 uas460 mortgage:: why didnt refinance 3 yrs - never thought about it       |
| f12intro_7s2     | wv12 uas18 mortgage:: why didnt refinance 3 yrs - applied but was rejected      |

| f13intro_7s2  | wv13 uas119 mortgage:: why didnt refinance 3 yrs - applied but was rejected     |
|---------------|---|
| f14intro_7s2  | wv14 uas239 mortgage:: why didnt refinance 3 yrs - applied but was rejected     |
| f15intro_7s2  | wv15 uas460 mortgage:: why didnt refinance 3 yrs - applied but was rejected     |
| f12intro_7s3  | wv12 uas18 mortgage:: why didnt refinance 3 yrs - home worth less than amt owed |
| f13intro_7s3  | wv13 uas119 mortgage:: why didnt refinance 3 yrs - home worth less than amt owe |
| f14intro_7s3  | wv14 uas239 mortgage:: why didnt refinance 3 yrs - home worth less than amt owe |
| f15intro_7s3  | wv15 uas460 mortgage:: why didnt refinance 3 yrs - home worth less than amt owe |
| f12intro_7s4  | wv12 uas18 mortgage:: why didnt refinance 3 yrs - would not save enough         |
| f13intro_7s4  | wv13 uas119 mortgage:: why didnt refinance 3 yrs - would not save enough        |
| f14intro_7s4  | wv14 uas239 mortgage:: why didnt refinance 3 yrs - would not save enough        |
| f15intro_7s4  | wv15 uas460 mortgage:: why didnt refinance 3 yrs - would not save enough        |
| f12intro_7s9  | wv12 uas18 mortgage:: why didnt refinance 3 yrs - cant get lower interest rate  |
| f13intro_7s9  | wv13 uas119 mortgage:: why didnt refinance 3 yrs - cant get lower interest rate |
| f14intro_7s9  | wv14 uas239 mortgage:: why didnt refinance 3 yrs - cant get lower interest rate |
| f15intro_7s9  | wv15 uas460 mortgage:: why didnt refinance 3 yrs - cant get lower interest rate |
| f12intro_7s10 | wv12 uas18 mortgage:: why didnt refinance 3 yrs - close to paying off mortgage  |
| f13intro_7s10 | wv13 uas119 mortgage:: why didnt refinance 3 yrs - close to paying off mortgage |
| f14intro_7s10 | wv14 uas239 mortgage:: why didnt refinance 3 yrs - close to paying off mortgage |
| f15intro_7s10 | wv15 uas460 mortgage:: why didnt refinance 3 yrs - close to paying off mortgage |
| f12intro_7s11 | wv12 uas18 mortgage:: why didnt refinance 3 yrs - would not qualify             |
| f13intro_7s11 | wv13 uas119 mortgage:: why didnt refinance 3 yrs - would not qualify            |
| f14intro_7s11 | wv14 uas239 mortgage:: why didnt refinance 3 yrs - would not qualify            |
| f15intro_7s11 | wv15 uas460 mortgage:: why didnt refinance 3 yrs - would not qualify            |
| f12intro_7s12 | wv12 uas18 mortgage:: why didnt refinance 3 yrs - too complicated/confusing     |
| f13intro_7s12 | wv13 uas119 mortgage:: why didnt refinance 3 yrs - too complicated/confusing    |
| f14intro_7s12 | wv14 uas239 mortgage:: why didnt refinance 3 yrs - too complicated/confusing    |
| f15intro_7s12 | wv15 uas460 mortgage:: why didnt refinance 3 yrs - too complicated/confusing    |
| f12intro_7s8  | wv12 uas18 mortgage:: why didnt refinance 3 yrs - other                         |
| f13intro_7s8  | wv13 uas119 mortgage:: why didnt refinance 3 yrs - other                        |
| f14intro_7s8  | wv14 uas239 mortgage:: why didnt refinance 3 yrs - other                        |

| f15intro_7s8  | wv15 uas460 mortgage:: why didnt refinance 3 yrs - other            |
|---------------|---|
| f12intro_8    | wv12 uas18 mortgage:: refinancing advice: MULT RESP COMBO           |
| f13intro_8    | wv13 uas119 mortgage:: refinancing advice: MULT RESP COMBO          |
| f14intro_8    | wv14 uas239 mortgage:: refinancing advice: MULT RESP COMBO          |
| f15intro_8    | wv15 uas460 mortgage:: refinancing advice: MULT RESP COMBO          |
| f12intro_8s1  | wv12 uas18 mortgage:: refinancing advice - didnt ask for advice     |
| f13intro_8s1  | wv13 uas119 mortgage:: refinancing advice - didnt ask for advice    |
| f14intro_8s1  | wv14 uas239 mortgage:: refinancing advice - didnt ask for advice    |
| f15intro_8s1  | wv15 uas460 mortgage:: refinancing advice - didnt ask for advice    |
| f12intro_8s2  | wv12 uas18 mortgage:: refinancing advice - friends/family members   |
| f13intro_8s2  | wv13 uas119 mortgage:: refinancing advice - friends/family members  |
| f14intro_8s2  | wv14 uas239 mortgage:: refinancing advice - friends/family members  |
| f15intro_8s2  | wv15 uas460 mortgage:: refinancing advice - friends/family members  |
| f12intro_8s3  | wv12 uas18 mortgage:: refinancing advice - financial professionals  |
| f13intro_8s3  | wv13 uas119 mortgage:: refinancing advice - financial professionals |
| f14intro_8s3  | wv14 uas239 mortgage:: refinancing advice - financial professionals |
| f15intro_8s3  | wv15 uas460 mortgage:: refinancing advice - financial professionals |
| f12intro_8s4  | wv12 uas18 mortgage:: refinancing advice - non-family caregiver     |
| f13intro_8s4  | wv13 uas119 mortgage:: refinancing advice - non-family caregiver    |
| f14intro_8s4  | wv14 uas239 mortgage:: refinancing advice - non-family caregiver    |
| f15intro_8s4  | wv15 uas460 mortgage:: refinancing advice - non-family caregiver    |
| f12intro_8s5  | wv12 uas18 mortgage:: refinancing advice - other                    |
| f13intro_8s5  | wv13 uas119 mortgage:: refinancing advice - other                   |
| f14intro_8s5  | wv14 uas239 mortgage:: refinancing advice - other                   |
| f15intro_8s5  | wv15 uas460 mortgage:: refinancing advice - other                   |
| f12intro_8a   | wv12 uas18 mortgage:: refinance specifics - MULT RESP COMBO         |
| f13intro_8a   | wv13 uas119 mortgage:: refinance specifics - MULT RESP COMBO        |
| f14intro_8a   | wv14 uas239 mortgage:: refinance specifics - MULT RESP COMBO        |
| f15intro_8a   | wv15 uas460 mortgage:: refinance specifics - MULT RESP COMBO        |
| f12intro_8as1 | wv12 uas18 mortgage:: refinance specifics - took cash out           |

| f13intro_8as1   | wv13 uas119 mortgage:: refinance specifics - took cash out                |
|-----------------|---|
| f14intro_8as1   | wv14 uas239 mortgage:: refinance specifics - took cash out                |
| f15intro_8as1   | wv15 uas460 mortgage:: refinance specifics - took cash out                |
| f12intro_8as2   | wv12 uas18 mortgage:: refinance specifics - extended the number of years  |
| f13intro_8as2   | wv13 uas119 mortgage:: refinance specifics - extended the number of years |
| f14intro_8as2   | wv14 uas239 mortgage:: refinance specifics - extended the number of years |
| f15intro_8as2   | wv15 uas460 mortgage:: refinance specifics - extended the number of years |
| f12intro_8as3   | wv12 uas18 mortgage:: refinance specifics - other                         |
| f13intro_8as3   | wv13 uas119 mortgage:: refinance specifics - other                        |
| f14intro_8as3   | wv14 uas239 mortgage:: refinance specifics - other                        |
| f15intro_8as3   | wv15 uas460 mortgage:: refinance specifics - other                        |
| f14intro_8as4   | wv14 uas239 mortgage:: refinance specifics - none of the above            |
| f15intro_8as4   | wv15 uas460 mortgage:: refinance specifics - none of the above            |
| f12b31a_a       | wv12 uas18 unexpectd expens:: how difficult to pay \$500                  |
| f13b31a_a       | wv13 uas119 unexpectd expens:: how difficult to pay \$500                 |
| f14b31a_a       | wv14 uas239 unexpectd expens:: how difficult to pay \$500                 |
| f15b31a_a_que15 | wv15 uas460 unexpectd expens:: how difficult to pay \$500                 |
| f12b31a_b       | wv12 uas18 unexpectd expens:: how difficult to pay \$1000                 |
| f13b31a_b       | wv13 uas119 unexpectd expens:: how difficult to pay \$1000                |
| f14b31a_b       | wv14 uas239 unexpectd expens:: how difficult to pay \$1000                |
| f15b31a_b_que15 | wv15 uas460 unexpectd expens:: how difficult to pay \$1000                |
| f12b31a_c       | wv12 uas18 unexpectd expens:: how difficult to pay \$5000                 |
| f13b31a_c       | wv13 uas119 unexpectd expens:: how difficult to pay \$5000                |
| f14b31a_c       | wv14 uas239 unexpectd expens:: how difficult to pay \$5000                |
| f15b31a_c_que15 | wv15 uas460 unexpectd expens:: how difficult to pay \$5000                |
| f12b31a_d       | wv12 uas18 unexpectd expens:: how difficult to pay \$10000                |
| f13b31a_d       | wv13 uas119 unexpectd expens:: how difficult to pay \$10000               |
| f14b31a_d       | wv14 uas239 unexpectd expens:: how difficult to pay \$10000               |
| f15b31a d que15 | wv15 uas460 unexpectd expens:: how difficult to pay \$10000               |
| TISDSIa_d_queIS | WV13 das400 dilexpecta expens How difficult to pay \$10000                |

| f13b31_a         | wv13 uas119 unexpectd expens:: how pay \$500 - MULT RESP COMBO                   |
|------------------|--|
| f14b31_a         | wv14 uas239 unexpectd expens:: how pay \$500 - MULT RESP COMBO                   |
| f15b31_a_que15   | wv15 uas460 unexpectd expens:: how pay \$500 - MULT RESP COMBO                   |
| f12b31_as1       | wv12 uas18 unexpectd expens:: how pay \$500 - cred card, NOT pay in full each mo |
| f13b31_as1       | wv13 uas119 unexpectd expens:: how pay \$500 - cred card, NOT pay full each mo   |
| f14b31_as1       | wv14 uas239 unexpectd expens:: how pay \$500 - cred card, NOT pay full each mo   |
| f15b31_as1_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - cred card, NOT pay full each mo   |
| f12b31_as2       | wv12 uas18 unexpectd expens:: how pay \$500 - credit card, pay in full each mo   |
| f13b31_as2       | wv13 uas119 unexpectd expens:: how pay \$500 - credit card, pay in full each mo  |
| f14b31_as2       | wv14 uas239 unexpectd expens:: how pay \$500 - credit card, pay in full each mo  |
| f15b31_as2_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - credit card, pay in full each mo  |
| f12b31_as3       | wv12 uas18 unexpectd expens:: how pay \$500 - savings/checking account/cash      |
| f13b31_as3       | wv13 uas119 unexpectd expens:: how pay \$500 - savings/checking account/cash     |
| f14b31_as3       | wv14 uas239 unexpectd expens:: how pay \$500 - savings/checking account/cash     |
| f15b31_as3_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - savings/checking account/cash     |
| f12b31_as4       | wv12 uas18 unexpectd expens:: how pay \$500 - bank loan/line of credit           |
| f13b31_as4       | wv13 uas119 unexpectd expens:: how pay \$500 - bank loan/line of credit          |
| f14b31_as4       | wv14 uas239 unexpectd expens:: how pay \$500 - bank loan/line of credit          |
| f15b31_as4_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - bank loan/line of credit          |
| f12b31_as5       | wv12 uas18 unexpectd expens:: how pay \$500 - overdrawing on a bank acct         |
| f13b31_as5       | wv13 uas119 unexpectd expens:: how pay \$500 - overdrawing on a bank acct        |
| f14b31_as5       | wv14 uas239 unexpectd expens:: how pay \$500 - overdrawing on a bank acct        |
| f15b31_as5_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - overdrawing on a bank acct        |
| f12b31_as6       | wv12 uas18 unexpectd expens:: how pay \$500 - borrow from friend/family member   |
| f13b31_as6       | wv13 uas119 unexpectd expens:: how pay \$500 - borrow from friend/family member  |
| f14b31_as6       | wv14 uas239 unexpectd expens:: how pay \$500 - borrow from friend/family member  |
| f15b31_as6_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - borrow from friend/family member  |
| f12b31_as7       | wv12 uas18 unexpectd expens:: how pay \$500 - over time in installments          |
| f13b31_as7       | wv13 uas119 unexpectd expens:: how pay \$500 - over time in installments         |
| f14b31_as7       | wv14 uas239 unexpectd expens:: how pay \$500 - over time in installments         |

| f15b31_as7_que15  | wv15 uas460 unexpectd expens:: how pay \$500 - over time in installments        |
|-------------------|---|
| f12b31_as8        | wv12 uas18 unexpectd expens:: how pay \$500 - spending less on other items      |
| f13b31_as8        | wv13 uas119 unexpectd expens:: how pay \$500 - spending less on other items     |
| f14b31_as8        | wv14 uas239 unexpectd expens:: how pay \$500 - spending less on other items     |
| f15b31_as8_que15  | wv15 uas460 unexpectd expens:: how pay \$500 - spending less on other items     |
| f12b31_as9        | wv12 uas18 unexpectd expens:: how pay \$500 - payday loan/deposit advance/pawn  |
| f13b31_as9        | wv13 uas119 unexpectd expens:: how pay \$500 - payday loan/deposit advance/pawn |
| f14b31_as9        | wv14 uas239 unexpectd expens:: how pay \$500 - payday loan/deposit advance/pawn |
| f15b31_as9_que15  | wv15 uas460 unexpectd expens:: how pay \$500 - payday loan/deposit advance/pawn |
| f12b31_as10       | wv12 uas18 unexpectd expens:: how pay \$500 - from retirement account           |
| f13b31_as10       | wv13 uas119 unexpectd expens:: how pay \$500 - from retirement account          |
| f14b31_as10       | wv14 uas239 unexpectd expens:: how pay \$500 - from retirement account          |
| f15b31_as10_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - from retirement account          |
| f12b31_as11       | wv12 uas18 unexpectd expens:: how pay \$500 - by not paying the bill            |
| f13b31_as11       | wv13 uas119 unexpectd expens:: how pay \$500 - by not paying the bill           |
| f14b31_as11       | wv14 uas239 unexpectd expens:: how pay \$500 - by not paying the bill           |
| f15b31_as11_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - by not paying the bill           |
| f12b31_as12       | wv12 uas18 unexpectd expens:: how pay \$500 - other                             |
| f13b31_as12       | wv13 uas119 unexpectd expens:: how pay \$500 - other                            |
| f14b31_as12       | wv14 uas239 unexpectd expens:: how pay \$500 - other                            |
| f15b31_as12_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - other                            |
| f12b31_as13       | wv12 uas18 unexpectd expens:: how pay \$500 - none of the above                 |
| f13b31_as13       | wv13 uas119 unexpectd expens:: how pay \$500 - none of the above                |
| f14b31_as13       | wv14 uas239 unexpectd expens:: how pay \$500 - none of the above                |
| f15b31_as13_que15 | wv15 uas460 unexpectd expens:: how pay \$500 - none of the above                |
| f12b31_b          | wv12 uas18 unexpectd expens:: how pay \$1000 - MULT RESP COMBO                  |
| f13b31_b          | wv13 uas119 unexpectd expens:: how pay \$1000 - MULT RESP COMBO                 |
| f14b31_b          | wv14 uas239 unexpectd expens:: how pay \$1000 - MULT RESP COMBO                 |
| f15b31_b_que15    | wv15 uas460 unexpectd expens:: how pay \$1000 - MULT RESP COMBO                 |
| f12b31_bs1        | wv12 uas18 unexpectd expens:: how pay \$1000 - cr card, NOT pay in full each mo |

| f13b31_bs1       | wv13 uas119 unexpectd expens:: how pay \$1000 - cr card, NOT pay in full each mo |
|------------------|--|
| f14b31_bs1       | wv14 uas239 unexpectd expens:: how pay \$1000 - cr card, NOT pay in full each mo |
| f15b31_bs1_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - cr card, NOT pay in full each mo |
| f12b31_bs2       | wv12 uas18 unexpectd expens:: how pay \$1000 - credit card, pay in full each mo  |
| f13b31_bs2       | wv13 uas119 unexpectd expens:: how pay \$1000 - credit card, pay in full each mo |
| f14b31_bs2       | wv14 uas239 unexpectd expens:: how pay \$1000 - credit card, pay in full each mo |
| f15b31_bs2_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - credit card, pay in full each mo |
| f12b31_bs3       | wv12 uas18 unexpectd expens:: how pay \$1000 - savings/checking account/cash     |
| f13b31_bs3       | wv13 uas119 unexpectd expens:: how pay \$1000 - savings/checking account/cash    |
| f14b31_bs3       | wv14 uas239 unexpectd expens:: how pay \$1000 - savings/checking account/cash    |
| f15b31_bs3_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - savings/checking account/cash    |
| f12b31_bs4       | wv12 uas18 unexpectd expens:: how pay \$1000 - bank loan/line of credit          |
| f13b31_bs4       | wv13 uas119 unexpectd expens:: how pay \$1000 - bank loan/line of credit         |
| f14b31_bs4       | wv14 uas239 unexpectd expens:: how pay \$1000 - bank loan/line of credit         |
| f15b31_bs4_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - bank loan/line of credit         |
| f12b31_bs5       | wv12 uas18 unexpectd expens:: how pay \$1000 - overdrawing on a bank acct        |
| f13b31_bs5       | wv13 uas119 unexpectd expens:: how pay \$1000 - overdrawing on a bank acct       |
| f14b31_bs5       | wv14 uas239 unexpectd expens:: how pay \$1000 - overdrawing on a bank acct       |
| f15b31_bs5_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - overdrawing on a bank acct       |
| f12b31_bs6       | wv12 uas18 unexpectd expens:: how pay \$1000 - borrow from friend/family member  |
| f13b31_bs6       | wv13 uas119 unexpectd expens:: how pay \$1000 - borrow from friend/family member |
| f14b31_bs6       | wv14 uas239 unexpectd expens:: how pay \$1000 - borrow from friend/family member |
| f15b31_bs6_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - borrow from friend/family member |
| f12b31_bs7       | wv12 uas18 unexpectd expens:: how pay \$1000 - over time in installments         |
| f13b31_bs7       | wv13 uas119 unexpectd expens:: how pay \$1000 - over time in installments        |
| f14b31_bs7       | wv14 uas239 unexpectd expens:: how pay \$1000 - over time in installments        |
| f15b31_bs7_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - over time in installments        |
| f12b31_bs8       | wv12 uas18 unexpectd expens:: how pay \$1000 - spending less on other items      |
| f13b31_bs8       | wv13 uas119 unexpectd expens:: how pay \$1000 - spending less on other items     |
| f14b31_bs8       | wv14 uas239 unexpectd expens:: how pay \$1000 - spending less on other items     |

| f15b31_bs8_que15  | wv15 uas460 unexpectd expens:: how pay \$1000 - spending less on other items     |
|-------------------|--|
| f12b31_bs9        | wv12 uas18 unexpectd expens:: how pay \$1000 - payday loan/deposit advance/pawn  |
| f13b31_bs9        | wv13 uas119 unexpectd expens:: how pay \$1000 - payday loan/deposit advance/pawn |
| f14b31_bs9        | wv14 uas239 unexpectd expens:: how pay \$1000 - payday loan/deposit advance/pawn |
| f15b31_bs9_que15  | wv15 uas460 unexpectd expens:: how pay \$1000 - payday loan/deposit advance/pawn |
| f12b31_bs10       | wv12 uas18 unexpectd expens:: how pay \$1000 - from retirement account           |
| f13b31_bs10       | wv13 uas119 unexpectd expens:: how pay \$1000 - from retirement account          |
| f14b31_bs10       | wv14 uas239 unexpectd expens:: how pay \$1000 - from retirement account          |
| f15b31_bs10_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - from retirement account          |
| f12b31_bs11       | wv12 uas18 unexpectd expens:: how pay \$1000 - by not paying the bill            |
| f13b31_bs11       | wv13 uas119 unexpectd expens:: how pay \$1000 - by not paying the bill           |
| f14b31_bs11       | wv14 uas239 unexpectd expens:: how pay \$1000 - by not paying the bill           |
| f15b31_bs11_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - by not paying the bill           |
| f12b31_bs12       | wv12 uas18 unexpectd expens:: how pay \$1000 - other                             |
| f13b31_bs12       | wv13 uas119 unexpectd expens:: how pay \$1000 - other                            |
| f14b31_bs12       | wv14 uas239 unexpectd expens:: how pay \$1000 - other                            |
| f15b31_bs12_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - other                            |
| f12b31_bs13       | wv12 uas18 unexpectd expens:: how pay \$1000 - none of the above                 |
| f13b31_bs13       | wv13 uas119 unexpectd expens:: how pay \$1000 - none of the above                |
| f14b31_bs13       | wv14 uas239 unexpectd expens:: how pay \$1000 - none of the above                |
| f15b31_bs13_que15 | wv15 uas460 unexpectd expens:: how pay \$1000 - none of the above                |
| f12b31_c          | wv12 uas18 unexpectd expens:: how pay \$5000 - MULT RESP COMBO                   |
| f13b31_c          | wv13 uas119 unexpectd expens:: how pay \$5000 - MULT RESP COMBO                  |
| f14b31_c          | wv14 uas239 unexpectd expens:: how pay \$5000 - MULT RESP COMBO                  |
| f15b31_c_que15    | wv15 uas460 unexpectd expens:: how pay \$5000 - MULT RESP COMBO                  |
| f12b31_cs1        | wv12 uas18 unexpectd expens:: how pay \$5000 - cred card, NOT pay full each mo   |
| f13b31_cs1        | wv13 uas119 unexpectd expens:: how pay \$5000 - cred card, NOT pay full each mo  |
| f14b31_cs1        | wv14 uas239 unexpectd expens:: how pay \$5000 - cred card, NOT pay full each mo  |
| f15b31_cs1_que15  | wv15 uas460 unexpectd expens:: how pay \$5000 - cred card, NOT pay full each mo  |
| f12b31_cs2        | wv12 uas18 unexpectd expens:: how pay \$5000 - credit card, pay in full each mo  |

| f13b31_cs2       | wv13 uas119 unexpectd expens:: how pay \$5000 - credit card, pay in full each mo |
|------------------|--|
| f14b31_cs2       | wv14 uas239 unexpectd expens:: how pay \$5000 - credit card, pay in full each mo |
| f15b31_cs2_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - credit card, pay in full each mo |
| f12b31_cs3       | wv12 uas18 unexpectd expens:: how pay \$5000 - savings/checking account/cash     |
| f13b31_cs3       | wv13 uas119 unexpectd expens:: how pay \$5000 - savings/checking account/cash    |
| f14b31_cs3       | wv14 uas239 unexpectd expens:: how pay \$5000 - savings/checking account/cash    |
| f15b31_cs3_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - savings/checking account/cash    |
| f12b31_cs4       | wv12 uas18 unexpectd expens:: how pay \$5000 - bank loan/line of credit          |
| f13b31_cs4       | wv13 uas119 unexpectd expens:: how pay \$5000 - bank loan/line of credit         |
| f14b31_cs4       | wv14 uas239 unexpectd expens:: how pay \$5000 - bank loan/line of credit         |
| f15b31_cs4_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - bank loan/line of credit         |
| f12b31_cs5       | wv12 uas18 unexpectd expens:: how pay \$5000 - overdrawing on a bank acct        |
| f13b31_cs5       | wv13 uas119 unexpectd expens:: how pay \$5000 - overdrawing on a bank acct       |
| f14b31_cs5       | wv14 uas239 unexpectd expens:: how pay \$5000 - overdrawing on a bank acct       |
| f15b31_cs5_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - overdrawing on a bank acct       |
| f12b31_cs6       | wv12 uas18 unexpectd expens:: how pay \$5000 - borrow from friend/family member  |
| f13b31_cs6       | wv13 uas119 unexpectd expens:: how pay \$5000 - borrow from friend/family member |
| f14b31_cs6       | wv14 uas239 unexpectd expens:: how pay \$5000 - borrow from friend/family member |
| f15b31_cs6_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - borrow from friend/family member |
| f12b31_cs7       | wv12 uas18 unexpectd expens:: how pay \$5000 - over time in installments         |
| f13b31_cs7       | wv13 uas119 unexpectd expens:: how pay \$5000 - over time in installments        |
| f14b31_cs7       | wv14 uas239 unexpectd expens:: how pay \$5000 - over time in installments        |
| f15b31_cs7_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - over time in installments        |
| f12b31_cs8       | wv12 uas18 unexpectd expens:: how pay \$5000 - spending less on other items      |
| f13b31_cs8       | wv13 uas119 unexpectd expens:: how pay \$5000 - spending less on other items     |
| f14b31_cs8       | wv14 uas239 unexpectd expens:: how pay \$5000 - spending less on other items     |
| f15b31_cs8_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - spending less on other items     |
| f12b31_cs9       | wv12 uas18 unexpectd expens:: how pay \$5000 - payday loan/deposit advance/pawn  |
| f13b31_cs9       | wv13 uas119 unexpectd expens:: how pay \$5000 - payday loan/deposit advance/pawn |
| f14b31_cs9       | wv14 uas239 unexpectd expens:: how pay \$5000 - payday loan/deposit advance/pawn |

| f15b31_cs9_que15  | wv15 uas460 unexpectd expens:: how pay \$5000 - payday loan/deposit advance/pawn |
|-------------------|--|
| f12b31_cs10       | wv12 uas18 unexpectd expens:: how pay \$5000 - from retirement account           |
| f13b31_cs10       | wv13 uas119 unexpectd expens:: how pay \$5000 - from retirement account          |
| f14b31_cs10       | wv14 uas239 unexpectd expens:: how pay \$5000 - from retirement account          |
| f15b31_cs10_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - from retirement account          |
| f12b31_cs11       | wv12 uas18 unexpectd expens:: how pay \$5000 - by not paying the bill            |
| f13b31_cs11       | wv13 uas119 unexpectd expens:: how pay \$5000 - by not paying the bill           |
| f14b31_cs11       | wv14 uas239 unexpectd expens:: how pay \$5000 - by not paying the bill           |
| f15b31_cs11_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - by not paying the bill           |
| f12b31_cs12       | wv12 uas18 unexpectd expens:: how pay \$5000 - other                             |
| f13b31_cs12       | wv13 uas119 unexpectd expens:: how pay \$5000 - other                            |
| f14b31_cs12       | wv14 uas239 unexpectd expens:: how pay \$5000 - other                            |
| f15b31_cs12_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - other                            |
| f12b31_cs13       | wv12 uas18 unexpectd expens:: how pay \$5000 - none of the above                 |
| f13b31_cs13       | wv13 uas119 unexpectd expens:: how pay \$5000 - none of the above                |
| f14b31_cs13       | wv14 uas239 unexpectd expens:: how pay \$5000 - none of the above                |
| f15b31_cs13_que15 | wv15 uas460 unexpectd expens:: how pay \$5000 - none of the above                |
| f12b31_d          | wv12 uas18 unexpectd expens:: how pay \$10000 - MULT RESP COMBO                  |
| f13b31_d          | wv13 uas119 unexpectd expens:: how pay \$10000 - MULT RESP COMBO                 |
| f14b31_d          | wv14 uas239 unexpectd expens:: how pay \$10000 - MULT RESP COMBO                 |
| f15b31_d_que15    | wv15 uas460 unexpectd expens:: how pay \$10000 - MULT RESP COMBO                 |
| f12b31_ds1        | wv12 uas18 unexpectd expens:: how pay \$10000 - cred card, NOT pay full each mo  |
| f13b31_ds1        | wv13 uas119 unexpectd expens:: how pay \$10000 - cred card, NOT pay full each mo |
| f14b31_ds1        | wv14 uas239 unexpectd expens:: how pay \$10000 - cred card, NOT pay full each mo |
| f15b31_ds1_que15  | wv15 uas460 unexpectd expens:: how pay \$10000 - cred card, NOT pay full each mo |
| f12b31_ds2        | wv12 uas18 unexpectd expens:: how pay \$10000 - credit card, pay in full each mo |
| f13b31_ds2        | wv13 uas119 unexpectd expens:: how pay \$10000 - cred card, pay in full each mo  |
| f14b31_ds2        | wv14 uas239 unexpectd expens:: how pay \$10000 - cred card, pay in full each mo  |
| f15b31_ds2_que15  | wv15 uas460 unexpectd expens:: how pay \$10000 - cred card, pay in full each mo  |
| f12b31_ds3        | wv12 uas18 unexpectd expens:: how pay \$10000 - savings/checking account/cash    |

| f13b31_ds3       | wv13 uas119 unexpectd expens:: how pay \$10000 - savings/checking account/cash   |
|------------------|--|
| f14b31_ds3       | wv14 uas239 unexpectd expens:: how pay \$10000 - savings/checking account/cash   |
| f15b31_ds3_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - savings/checking account/cash   |
| f12b31_ds4       | wv12 uas18 unexpectd expens:: how pay \$10000 - bank loan/line of credit         |
| f13b31_ds4       | wv13 uas119 unexpectd expens:: how pay \$10000 - bank loan/line of credit        |
| f14b31_ds4       | wv14 uas239 unexpectd expens:: how pay \$10000 - bank loan/line of credit        |
| f15b31_ds4_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - bank loan/line of credit        |
| f12b31_ds5       | wv12 uas18 unexpectd expens:: how pay \$10000 - overdrawing on a bank acct       |
| f13b31_ds5       | wv13 uas119 unexpectd expens:: how pay \$10000 - overdrawing on a bank acct      |
| f14b31_ds5       | wv14 uas239 unexpectd expens:: how pay \$10000 - overdrawing on a bank acct      |
| f15b31_ds5_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - overdrawing on a bank acct      |
| f12b31_ds6       | wv12 uas18 unexpectd expens:: how pay \$10000 - borrow from friend/family member |
| f13b31_ds6       | wv13 uas119 unexpectd expens:: how pay \$10000 - borrow from friend/fam member   |
| f14b31_ds6       | wv14 uas239 unexpectd expens:: how pay \$10000 - borrow from friend/fam member   |
| f15b31_ds6_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - borrow from friend/fam member   |
| f12b31_ds7       | wv12 uas18 unexpectd expens:: how pay \$10000 - over time in installments        |
| f13b31_ds7       | wv13 uas119 unexpectd expens:: how pay \$10000 - over time in installments       |
| f14b31_ds7       | wv14 uas239 unexpectd expens:: how pay \$10000 - over time in installments       |
| f15b31_ds7_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - over time in installments       |
| f12b31_ds8       | wv12 uas18 unexpectd expens:: how pay \$10000 - spending less on other items     |
| f13b31_ds8       | wv13 uas119 unexpectd expens:: how pay \$10000 - spending less on other items    |
| f14b31_ds8       | wv14 uas239 unexpectd expens:: how pay \$10000 - spending less on other items    |
| f15b31_ds8_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - spending less on other items    |
| f12b31_ds9       | wv12 uas18 unexpectd expens:: how pay \$10000 - payday loan/deposit advance/pawn |
| f13b31_ds9       | wv13 uas119 unexpectd expens:: how pay \$10000 - payday loan/deposit advnce/pawn |
| f14b31_ds9       | wv14 uas239 unexpectd expens:: how pay \$10000 - payday loan/deposit advnce/pawn |
| f15b31_ds9_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - payday loan/deposit advnce/pawn |
| f12b31_ds10      | wv12 uas18 unexpectd expens:: how pay \$10000 - from retirement account          |
| f13b31_ds10      | wv13 uas119 unexpectd expens:: how pay \$10000 - from retirement account         |
| f14b31_ds10      | wv14 uas239 unexpectd expens:: how pay \$10000 - from retirement account         |

| f15b31_ds10_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - from retirement account        |
|-------------------|---|
| f12b31_ds11       | wv12 uas18 unexpectd expens:: how pay \$10000 - by not paying the bill          |
| f13b31_ds11       | wv13 uas119 unexpectd expens:: how pay \$10000 - by not paying the bill         |
| f14b31_ds11       | wv14 uas239 unexpectd expens:: how pay \$10000 - by not paying the bill         |
| f15b31_ds11_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - by not paying the bill         |
| f12b31_ds12       | wv12 uas18 unexpectd expens:: how pay \$10000 - other                           |
| f13b31_ds12       | wv13 uas119 unexpectd expens:: how pay \$10000 - other                          |
| f14b31_ds12       | wv14 uas239 unexpectd expens:: how pay \$10000 - other                          |
| f15b31_ds12_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - other                          |
| f12b31_ds13       | wv12 uas18 unexpectd expens:: how pay \$10000 - none of the above               |
| f13b31_ds13       | wv13 uas119 unexpectd expens:: how pay \$10000 - none of the above              |
| f14b31_ds13       | wv14 uas239 unexpectd expens:: how pay \$10000 - none of the above              |
| f15b31_ds13_que15 | wv15 uas460 unexpectd expens:: how pay \$10000 - none of the above              |
| f12b9             | wv12 uas18 banking:: have checking or savings account                           |
| f13b9             | wv13 uas119 banking:: have checking or savings account                          |
| f14b9             | wv14 uas239 banking:: have checking or savings account                          |
| f15b9             | wv15 uas460 banking:: have checking or savings account                          |
| f12b10            | wv12 uas18 banking:: methods used for transactions - MULT RESP COMBO            |
| f13b10            | wv13 uas119 banking:: methods used for transactions - MULT RESP COMBO           |
| f14b10            | wv14 uas239 banking:: methods used for transactions - MULT RESP COMBO           |
| f15b10            | wv15 uas460 banking:: methods used for transactions - MULT RESP COMBO           |
| f12b10s1          | wv12 uas18 banking:: methods used for transactions - in-person at a bank branch |
| f13b10s1          | wv13 uas119 banking:: methods used for transactions - in-person at a bank brnch |
| f14b10s1          | wv14 uas239 banking:: methods used for transactions - in-person at a bank brnch |
| f15b10s1          | wv15 uas460 banking:: methods used for transactions - in-person at a bank brnch |
| f12b10s2          | wv12 uas18 banking:: methods used for transactions - atm machine                |
| f13b10s2          | wv13 uas119 banking:: methods used for transactions - atm machine               |
| f14b10s2          | wv14 uas239 banking:: methods used for transactions - atm machine               |
| f15b10s2          | wv15 uas460 banking:: methods used for transactions - atm machine               |
| f12b10s3          | wv12 uas18 banking:: methods used for transactions - by telephone               |

| f13b10s3 | wv13 uas119 banking:: methods used for transactions - by telephone              |
|----------|---|
| f14b10s3 | wv14 uas239 banking:: methods used for transactions - by telephone              |
| f15b10s3 | wv15 uas460 banking:: methods used for transactions - by telephone              |
| f12b10s4 | wv12 uas18 banking:: methods used for transactions - online                     |
| f13b10s4 | wv13 uas119 banking:: methods used for transactions - online                    |
| f14b10s4 | wv14 uas239 banking:: methods used for transactions - online                    |
| f15b10s4 | wv15 uas460 banking:: methods used for transactions - online                    |
| f12b10s5 | wv12 uas18 banking:: methods used for transactions - bank app on a mobile phone |
| f13b10s5 | wv13 uas119 banking:: methods used for transactions - bank app on mobile phone  |
| f14b10s5 | wv14 uas239 banking:: methods used for transactions - bank app on mobile phone  |
| f15b10s5 | wv15 uas460 banking:: methods used for transactions - bank app on mobile phone  |
| f12b10s6 | wv12 uas18 banking:: methods used for transactions - oth do my banking for me   |
| f13b10s6 | wv13 uas119 banking:: methods used for transactions - oth do my banking for me  |
| f14b10s6 | wv14 uas239 banking:: methods used for transactions - oth do my banking for me  |
| f15b10s6 | wv15 uas460 banking:: methods used for transactions - oth do my banking for me  |
| f12b10s7 | wv12 uas18 banking:: methods used for transactions - other                      |
| f13b10s7 | wv13 uas119 banking:: methods used for transactions - other                     |
| f14b10s7 | wv14 uas239 banking:: methods used for transactions - other                     |
| f15b10s7 | wv15 uas460 banking:: methods used for transactions - other                     |
| f13b10a  | wv13 uas119 banking:: use ATMS that charge fee                                  |
| f14b10a  | wv14 uas239 banking:: use ATMS that charge fee                                  |
| f15b10a  | wv15 uas460 banking:: use ATMS that charge fee                                  |
| f12b11   | wv12 uas18 banking:: why not bank online - MULT RESP COMBO                      |
| f13b11   | wv13 uas119 banking:: why not bank online - MULT RESP COMBO                     |
| f14b11   | wv14 uas239 banking:: why not bank online - MULT RESP COMBO                     |
| f15b11   | wv15 uas460 banking:: why not bank online - MULT RESP COMBO                     |
| f12b11s1 | wv12 uas18 banking:: why not bank online - needs are met with online banking    |
| f13b11s1 | wv13 uas119 banking:: why not bank online - needs are met with online banking   |
| f14b11s1 | wv14 uas239 banking:: why not bank online - needs are met with online banking   |
| f15b11s1 | wv15 uas460 banking:: why not bank online - needs are met with online banking   |

| f12b11s2 | wv12 uas18 banking:: why not bank online - security concerns                   |
|----------|--|
| f13b11s2 | wv13 uas119 banking:: why not bank online - security concerns                  |
| f14b11s2 | wv14 uas239 banking:: why not bank online - security concerns                  |
| f15b11s2 | wv15 uas460 banking:: why not bank online - security concerns                  |
| f12b11s3 | wv12 uas18 banking:: why not bank online - distrust tech procoss transactions  |
| f13b11s3 | wv13 uas119 banking:: why not bank online - distrust tech procoss transactions |
| f14b11s3 | wv14 uas239 banking:: why not bank online - distrust tech procoss transactions |
| f15b11s3 | wv15 uas460 banking:: why not bank online - distrust tech procoss transactions |
| f12b11s4 | wv12 uas18 banking:: why not bank online - prefer in-person                    |
| f13b11s4 | wv13 uas119 banking:: why not bank online - prefer in-person                   |
| f14b11s4 | wv14 uas239 banking:: why not bank online - prefer in-person                   |
| f15b11s4 | wv15 uas460 banking:: why not bank online - prefer in-person                   |
| f12b11s5 | wv12 uas18 banking:: why not bank online - difficult/time consuming to set up  |
| f13b11s5 | wv13 uas119 banking:: why not bank online - difficult/time consuming to set up |
| f14b11s5 | wv14 uas239 banking:: why not bank online - difficult/time consuming to set up |
| f15b11s5 | wv15 uas460 banking:: why not bank online - difficult/time consuming to set up |
| f12b11s6 | wv12 uas18 banking:: why not bank online - dont know how                       |
| f13b11s6 | wv13 uas119 banking:: why not bank online - dont know how                      |
| f14b11s6 | wv14 uas239 banking:: why not bank online - dont know how                      |
| f15b11s6 | wv15 uas460 banking:: why not bank online - dont know how                      |
| f12b11s7 | wv12 uas18 banking:: why not bank online - internet access not reliable        |
| f13b11s7 | wv13 uas119 banking:: why not bank online - internet access not reliable       |
| f14b11s7 | wv14 uas239 banking:: why not bank online - internet access not reliable       |
| f15b11s7 | wv15 uas460 banking:: why not bank online - internet access not reliable       |
| f12b11s8 | wv12 uas18 banking:: why not bank online - other                               |
| f13b11s8 | wv13 uas119 banking:: why not bank online - other                              |
| f14b11s8 | wv14 uas239 banking:: why not bank online - other                              |
| f15b11s8 | wv15 uas460 banking:: why not bank online - other                              |
| f12b12   | wv12 uas18 banking:: how pay bills - MULT RESP COMBO                           |
| f13b12   | wv13 uas119 banking:: how pay bills - MULT RESP COMBO                          |

| f14b12   | wv14 uas239 banking:: how pay bills - MULT RESP COMBO                           |
|----------|---|
| f15b12   | wv15 uas460 banking:: how pay bills - MULT RESP COMBO                           |
| f12b12s1 | wv12 uas18 banking:: how pay bills - in-person at store that sent bill          |
| f13b12s1 | wv13 uas119 banking:: how pay bills - in-person at store that sent bill         |
| f14b12s1 | wv14 uas239 banking:: how pay bills - in-person at store that sent bill         |
| f15b12s1 | wv15 uas460 banking:: how pay bills - in-person at store that sent bill         |
| f12b12s2 | wv12 uas18 banking:: how pay bills - at store that accepts for other companies  |
| f13b12s2 | wv13 uas119 banking:: how pay bills - at store that accepts for other companies |
| f14b12s2 | wv14 uas239 banking:: how pay bills - at store that accepts for other companies |
| f15b12s2 | wv15 uas460 banking:: how pay bills - at store that accepts for other companies |
| f12b12s3 | wv12 uas18 banking:: how pay bills - writing check & mailing it                 |
| f13b12s3 | wv13 uas119 banking:: how pay bills - writing check & mailing it                |
| f14b12s3 | wv14 uas239 banking:: how pay bills - writing check & mailing it                |
| f15b12s3 | wv15 uas460 banking:: how pay bills - writing check & mailing it                |
| f12b12s4 | wv12 uas18 banking:: how pay bills - by telephone                               |
| f13b12s4 | wv13 uas119 banking:: how pay bills - by telephone                              |
| f14b12s4 | wv14 uas239 banking:: how pay bills - by telephone                              |
| f15b12s4 | wv15 uas460 banking:: how pay bills - by telephone                              |
| f12b12s5 | wv12 uas18 banking:: how pay bills - credit card                                |
| f13b12s5 | wv13 uas119 banking:: how pay bills - credit card                               |
| f14b12s5 | wv14 uas239 banking:: how pay bills - credit card                               |
| f15b12s5 | wv15 uas460 banking:: how pay bills - credit card                               |
| f12b12s6 | wv12 uas18 banking:: how pay bills - online banking                             |
| f13b12s6 | wv13 uas119 banking:: how pay bills - online banking                            |
| f14b12s6 | wv14 uas239 banking:: how pay bills - online banking                            |
| f15b12s6 | wv15 uas460 banking:: how pay bills - online banking                            |
| f12b12s7 | wv12 uas18 banking:: how pay bills - auto bill payment                          |
| f13b12s7 | wv13 uas119 banking:: how pay bills - auto bill payment                         |
| f14b12s7 | wv14 uas239 banking:: how pay bills - auto bill payment                         |
| f15b12s7 | wv15 uas460 banking:: how pay bills - auto bill payment                         |

| f12b12s8  | wv12 uas18 banking:: how pay bills - money order                            |
|-----------|---|
| f13b12s8  | wv13 uas119 banking:: how pay bills - money order                           |
| f14b12s8  | wv14 uas239 banking:: how pay bills - money order                           |
| f15b12s8  | wv15 uas460 banking:: how pay bills - money order                           |
| f12b12s9  | wv12 uas18 banking:: how pay bills - dont know                              |
| f13b12s9  | wv13 uas119 banking:: how pay bills - dont know                             |
| f14b12s9  | wv14 uas239 banking:: how pay bills - dont know                             |
| f15b12s9  | wv15 uas460 banking:: how pay bills - dont know                             |
| f12b12s10 | wv12 uas18 banking:: how pay bills - do not pay the bills                   |
| f13b12s10 | wv13 uas119 banking:: how pay bills - do not pay the bills                  |
| f14b12s10 | wv14 uas239 banking:: how pay bills - do not pay the bills                  |
| f15b12s10 | wv15 uas460 banking:: how pay bills - do not pay the bills                  |
| f12b13    | wv12 uas18 banking:: proportion of bills paid with auto payment             |
| f13b13    | wv13 uas119 banking:: proportion of bills paid with auto payment            |
| f14b13    | wv14 uas239 banking:: proportion of bills paid with auto payment            |
| f15b13    | wv15 uas460 banking:: proportion of bills paid with auto payment            |
| f12b14    | wv12 uas18 banking:: why not using auto pay - MULT RESP COMBO               |
| f13b14    | wv13 uas119 banking:: why not using auto pay - MULT RESP COMBO              |
| f14b14    | wv14 uas239 banking:: why not using auto pay - MULT RESP COMBO              |
| f15b14    | wv15 uas460 banking:: why not using auto pay - MULT RESP COMBO              |
| f12b14s1  | wv12 uas18 banking:: why not using auto pay - few bills to pay              |
| f13b14s1  | wv13 uas119 banking:: why not using auto pay - few bills to pay             |
| f14b14s1  | wv14 uas239 banking:: why not using auto pay - few bills to pay             |
| f15b14s1  | wv15 uas460 banking:: why not using auto pay - few bills to pay             |
| f12b14s2  | wv12 uas18 banking:: why not using auto pay - like to pay bills in-person   |
| f13b14s2  | wv13 uas119 banking:: why not using auto pay - like to pay bills in-person  |
| f14b14s2  | wv14 uas239 banking:: why not using auto pay - like to pay bills in-person  |
| f15b14s2  | wv15 uas460 banking:: why not using auto pay - like to pay bills in-person  |
| f12b14s3  | wv12 uas18 banking:: why not using auto pay - content with paying by check  |
| f13b14s3  | wv13 uas119 banking:: why not using auto pay - content with paying by check |
|           |   |

| f14b14s3  | wv14 uas239 banking:: why not using auto pay - content with paying by check     |
|-----------|---|
| f15b14s3  | wv15 uas460 banking:: why not using auto pay - content with paying by check     |
| f12b14s4  | wv12 uas18 banking:: why not using auto pay - bill amounts vary each mo         |
| f13b14s4  | wv13 uas119 banking:: why not using auto pay - bill amounts vary each mo        |
| f14b14s4  | wv14 uas239 banking:: why not using auto pay - bill amounts vary each mo        |
| f15b14s4  | wv15 uas460 banking:: why not using auto pay - bill amounts vary each mo        |
| f12b14s5  | wv12 uas18 banking:: why not using auto pay - worried not enough money in accnt |
| f13b14s5  | wv13 uas119 banking:: why not using auto pay - worried not enuf money in accnt  |
| f14b14s5  | wv14 uas239 banking:: why not using auto pay - worried not enuf money in accnt  |
| f15b14s5  | wv15 uas460 banking:: why not using auto pay - worried not enuf money in accnt  |
| f12b14s6  | wv12 uas18 banking:: why not using auto pay - security concerns                 |
| f13b14s6  | wv13 uas119 banking:: why not using auto pay - security concerns                |
| f14b14s6  | wv14 uas239 banking:: why not using auto pay - security concerns                |
| f15b14s6  | wv15 uas460 banking:: why not using auto pay - security concerns                |
| f12b14s7  | wv12 uas18 banking:: why not using auto pay - distrust tech process transactns  |
| f13b14s7  | wv13 uas119 banking:: why not using auto pay - distrust tech process transactns |
| f14b14s7  | wv14 uas239 banking:: why not using auto pay - distrust tech process transactns |
| f15b14s7  | wv15 uas460 banking:: why not using auto pay - distrust tech process transactns |
| f12b14s8  | wv12 uas18 banking:: why not using auto pay - difficult/long-time to set up     |
| f13b14s8  | wv13 uas119 banking:: why not using auto pay - difficult/long-time to set up    |
| f14b14s8  | wv14 uas239 banking:: why not using auto pay - difficult/long-time to set up    |
| f15b14s8  | wv15 uas460 banking:: why not using auto pay - difficult/long-time to set up    |
| f12b14s9  | wv12 uas18 banking:: why not using auto pay - dont know how                     |
| f13b14s9  | wv13 uas119 banking:: why not using auto pay - dont know how                    |
| f14b14s9  | wv14 uas239 banking:: why not using auto pay - dont know how                    |
| f15b14s9  | wv15 uas460 banking:: why not using auto pay - dont know how                    |
| f12b14s10 | wv12 uas18 banking:: why not using auto pay - other                             |
| f13b14s10 | wv13 uas119 banking:: why not using auto pay - other                            |
| f14b14s10 | wv14 uas239 banking:: why not using auto pay - other                            |
| f15b14s10 | wv15 uas460 banking:: why not using auto pay - other                            |

| f12b14a         | wv12 uas18 banking:: get govt benefits - MULT RESP COMBO                                    |
|-----------------|---|
| f13b14a_ans13   | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - MULT RESP COMBO</wv13>    |
| f14b14a_ans13   | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - MULT RESP COMBO</wv13>    |
| f15b14a_ans13   | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - MULT RESP COMBO</wv13>    |
| f12b14as1       | wv12 uas18 banking:: get govt benefits - did not receive                                    |
| f13b14as1_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - did not get</wv13>        |
| f14b14as1_ans13 | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - did not get</wv13>        |
| f15b14as1_ans13 | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - did not get</wv13>        |
| f12b14as2       | wv12 uas18 banking:: get govt benefits - Social Security retirement                         |
| f13b14as2_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - SS retirement</wv13>      |
| f14b14as2_ans13 | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - SS retirement</wv13>      |
| f15b14as2_ans13 | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - SS retirement</wv13>      |
| f12b14as3       | wv12 uas18 banking:: get govt benefits - Supplemental Security Income                       |
| f13b14as3_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - Supp Security Inc</wv13>  |
| f14b14as3_ans13 | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - Supp Security Inc</wv13>  |
| f15b14as3_ans13 | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - Supp Security Inc</wv13>  |
| f12b14as4       | wv12 uas18 banking:: get govt benefits - Social Security Disability Insurance               |
| f13b14as4_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - SS Disability Ins</wv13>  |
| f14b14as4_ans13 | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - SS Disability Ins</wv13>  |
| f15b14as4_ans13 | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - SS Disability Ins</wv13>  |
| f12b14as5       | wv12 uas18 banking:: get govt benefits - Veterans Pension                                   |
| f13b14as5_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - fed public pension</wv13> |
| f14b14as5_ans13 | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - fed public pension</wv13> |
| f15b14as5_ans13 | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - fed public pension</wv13> |
| f12b14as7       | wv12 uas18 banking:: get govt benefits - Railroad Pension                                   |
| f13b14as7_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - state publ pension</wv13> |
| f14b14as7_ans13 | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - state publ pension</wv13> |
| f15b14as7_ans13 | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - state publ pension</wv13> |
| f12b14as8       | wv12 uas18 banking:: get govt benefits - Unemployment Insurance                             |
| f13b14as8_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - Unemployment Ins</wv13>   |

| f14b14as8_ans13  | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - Unemployment Ins</wv13>    |
|------------------|--|
| f15b14as8_ans13  | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - Unemployment Ins</wv13>    |
| f12b14as9        | wv12 uas18 banking:: get govt benefits - Medicare  |
| f13b14as9_ans13  | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - Medicare</wv13>            |
| f14b14as9_ans13  | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - Medicare</wv13>            |
| f15b14as9_ans13  | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - Medicare</wv13>            |
| f12b14as10       | wv12 uas18 banking:: get govt benefits - other   |
| f13b14as10_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - other</wv13>               |
| f14b14as10_ans13 | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - other</wv13>               |
| f15b14as10_ans13 | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - other</wv13>               |
| f13b14as11_ans13 | wv13 uas119 banking:: <wv13 ans="" change=""> get govt benefits - Survivor/Depndnt SS</wv13> |
| f14b14as11_ans13 | wv14 uas239 banking:: <wv13 ans="" change=""> get govt benefits - Survivor/Depndnt SS</wv13> |
| f15b14as11_ans13 | wv15 uas460 banking:: <wv13 ans="" change=""> get govt benefits - Survivor/Depndnt SS</wv13> |
| f12b14b          | wv12 uas18 banking:: how get govt benefits - MULT RESP COMBO                                 |
| f13b14b          | wv13 uas119 banking:: how get govt benefits - MULT RESP COMBO                                |
| f14b14b          | wv14 uas239 banking:: how get govt benefits - MULT RESP COMBO                                |
| f15b14b          | wv15 uas460 banking:: how get govt benefits - MULT RESP COMBO                                |
| f12b14bs1        | wv12 uas18 banking:: how get govt benefits - by check  |
| f13b14bs1        | wv13 uas119 banking:: how get govt benefits - by check                                       |
| f14b14bs1        | wv14 uas239 banking:: how get govt benefits - by check                                       |
| f15b14bs1        | wv15 uas460 banking:: how get govt benefits - by check                                       |
| f12b14bs2        | wv12 uas18 banking:: how get govt benefits - direct deposit into bank acct                   |
| f13b14bs2        | wv13 uas119 banking:: how get govt benefits - direct deposit into bank acct                  |
| f14b14bs2        | wv14 uas239 banking:: how get govt benefits - direct deposit into bank acct                  |
| f15b14bs2        | wv15 uas460 banking:: how get govt benefits - direct deposit into bank acct                  |
| f12b14bs3        | wv12 uas18 banking:: how get govt benefits - Direct Express card                             |
| f13b14bs3        | wv13 uas119 banking:: how get govt benefits - Direct Express card                            |
| f14b14bs3        | wv14 uas239 banking:: how get govt benefits - Direct Express card                            |
| f15b14bs3        | wv15 uas460 banking:: how get govt benefits - Direct Express card                            |
| f12b14bs4        | wv12 uas18 banking:: how get govt benefits - prepaid card but not Dirct Exprss               |

| f13b14bs4 | wv13 uas119 banking:: how get govt benefits - prepaid card but not Dirct Expres |
|-----------|---|
| f14b14bs4 | wv14 uas239 banking:: how get govt benefits - prepaid card but not Dirct Expres |
| f15b14bs4 | wv15 uas460 banking:: how get govt benefits - prepaid card but not Dirct Expres |
| f12b14bs5 | wv12 uas18 banking:: how get govt benefits - other                              |
| f13b14bs5 | wv13 uas119 banking:: how get govt benefits - other                             |
| f14b14bs5 | wv14 uas239 banking:: how get govt benefits - other                             |
| f15b14bs5 | wv15 uas460 banking:: how get govt benefits - other                             |
| f12b14a2  | wv12 uas18 banking:: receiving pension benefits from private company            |
| f13b14a2  | wv13 uas119 banking:: receiving pension benefits from private company           |
| f14b14a2  | wv14 uas239 banking:: receiving pension benefits from private company           |
| f15b14a2  | wv15 uas460 banking:: receiving pension benefits from private company           |
| f12b15    | wv12 uas18 reverse mort:: reverse mortgage status                               |
| f13b15    | wv13 uas119 reverse mort:: reverse mortgage status                              |
| f14b15    | wv14 uas239 reverse mort:: reverse mortgage status                              |
| f15b15    | wv15 uas460 reverse mort:: reverse mortgage status                              |
| f12b16    | wv12 uas18 reverse mort:: how introduced, do NOT have - MULT RESP COMBO         |
| f13b16    | wv13 uas119 reverse mort:: how introduced, do NOT have - MULT RESP COMBO        |
| f14b16    | wv14 uas239 reverse mort:: how introduced, do NOT have - MULT RESP COMBO        |
| f15b16    | wv15 uas460 reverse mort:: how introduced, do NOT have - MULT RESP COMBO        |
| f12b16s1  | wv12 uas18 reverse mort:: how introduced, do NOT have - my research             |
| f13b16s1  | wv13 uas119 reverse mort:: how introduced, do NOT have - my research            |
| f14b16s1  | wv14 uas239 reverse mort:: how introduced, do NOT have - my research            |
| f15b16s1  | wv15 uas460 reverse mort:: how introduced, do NOT have - my research            |
| f12b16s2  | wv12 uas18 reverse mort:: how introduced, do NOT have - financial advisor       |
| f13b16s2  | wv13 uas119 reverse mort:: how introduced, do NOT have - financial advisor      |
| f14b16s2  | wv14 uas239 reverse mort:: how introduced, do NOT have - financial advisor      |
| f15b16s2  | wv15 uas460 reverse mort:: how introduced, do NOT have - financial advisor      |
| f12b16s3  | wv12 uas18 reverse mort:: how introduced, do NOT have - friend/family member    |
| f13b16s3  | wv13 uas119 reverse mort:: how introduced, do NOT have - friend/family member   |
| f14b16s3  | wv14 uas239 reverse mort:: how introduced, do NOT have - friend/family member   |

| f15b16s3 | wv15 uas460 reverse mort:: how introduced, do NOT have - friend/family member   |
|----------|---|
| f12b16s4 | wv12 uas18 reverse mort:: how introduced, do NOT have - salesperson             |
| f13b16s4 | wv13 uas119 reverse mort:: how introduced, do NOT have - salesperson            |
| f14b16s4 | wv14 uas239 reverse mort:: how introduced, do NOT have - salesperson            |
| f15b16s4 | wv15 uas460 reverse mort:: how introduced, do NOT have - salesperson            |
| f12b16s5 | wv12 uas18 reverse mort:: how introduced, do NOT have - advertising             |
| f13b16s5 | wv13 uas119 reverse mort:: how introduced, do NOT have - advertising            |
| f14b16s5 | wv14 uas239 reverse mort:: how introduced, do NOT have - advertising            |
| f15b16s5 | wv15 uas460 reverse mort:: how introduced, do NOT have - advertising            |
| f12b16s6 | wv12 uas18 reverse mort:: how introduced, do NOT have - other                   |
| f13b16s6 | wv13 uas119 reverse mort:: how introduced, do NOT have - other                  |
| f14b16s6 | wv14 uas239 reverse mort:: how introduced, do NOT have - other                  |
| f15b16s6 | wv15 uas460 reverse mort:: how introduced, do NOT have - other                  |
| f12b17a  | wv12 uas18 reverse mort:: when it is/was paid                                   |
| f13b17a  | wv13 uas119 reverse mort:: when it is/was paid                                  |
| f14b17a  | wv14 uas239 reverse mort:: when it is/was paid                                  |
| f15b17a  | wv15 uas460 reverse mort:: when it is/was paid                                  |
| f12b17b  | wv12 uas18 reverse mort:: yr reverse mortgage received, for past/current mort   |
| f13b17b  | wv13 uas119 reverse mort:: yr reverse mortgage received, for past/current mort  |
| f14b17b  | wv14 uas239 reverse mort:: yr reverse mortgage received, for past/current mort  |
| f15b17b  | wv15 uas460 reverse mort:: yr reverse mortgage received, for past/current mort  |
| f12b17c  | wv12 uas18 reverse mort:: value of past reverse mortgage, for past/current mort |
| f13b17c  | wv13 uas119 reverse mort:: value of past reverse mort, for past/current mort    |
| f14b17c  | wv14 uas239 reverse mort:: value of past reverse mort, for past/current mort    |
| f15b17c  | wv15 uas460 reverse mort:: value of past reverse mort, for past/current mort    |
| f12b17   | wv12 uas18 reverse mort:: main reason why got it, for past/current mort         |
| f13b17   | wv13 uas119 reverse mort:: main reason why got it, for past/current mort        |
| f14b17   | wv14 uas239 reverse mort:: main reason why got it, for past/current mort        |
| f15b17   | wv15 uas460 reverse mort:: main reason why got it, for past/current mort        |
| f12b18   | wv12 uas18 reverse mort:: why no get - MULT RESP COMBO                          |

| f13b18   | wv13 uas119 reverse mort:: why no get - MULT RESP COMBO                        |
|----------|--|
| f14b18   | wv14 uas239 reverse mort:: why no get - MULT RESP COMBO                        |
| f15b18   | wv15 uas460 reverse mort:: why no get - MULT RESP COMBO                        |
| f12b18s1 | wv12 uas18 reverse mort:: why no get - have no need                            |
| f13b18s1 | wv13 uas119 reverse mort:: why no get - have no need                           |
| f14b18s1 | wv14 uas239 reverse mort:: why no get - have no need                           |
| f15b18s1 | wv15 uas460 reverse mort:: why no get - have no need                           |
| f12b18s2 | wv12 uas18 reverse mort:: why no get - not enough equity in home               |
| f13b18s2 | wv13 uas119 reverse mort:: why no get - not enough equity in home              |
| f14b18s2 | wv14 uas239 reverse mort:: why no get - not enough equity in home              |
| f15b18s2 | wv15 uas460 reverse mort:: why no get - not enough equity in home              |
| f12b18s3 | wv12 uas18 reverse mort:: why no get - too expensive                           |
| f13b18s3 | wv13 uas119 reverse mort:: why no get - too expensive                          |
| f14b18s3 | wv14 uas239 reverse mort:: why no get - too expensive                          |
| f15b18s3 | wv15 uas460 reverse mort:: why no get - too expensive                          |
| f12b18s4 | wv12 uas18 reverse mort:: why no get - couldnt find person for req counseling  |
| f13b18s4 | wv13 uas119 reverse mort:: why no get - couldnt find person for req counseling |
| f14b18s4 | wv14 uas239 reverse mort:: why no get - couldnt find person for req counseling |
| f15b18s4 | wv15 uas460 reverse mort:: why no get - couldnt find person for req counseling |
| f12b18s5 | wv12 uas18 reverse mort:: why no get - decided not to get after counseling     |
| f13b18s5 | wv13 uas119 reverse mort:: why no get - decided not to get after counseling    |
| f14b18s5 | wv14 uas239 reverse mort:: why no get - decided not to get after counseling    |
| f15b18s5 | wv15 uas460 reverse mort:: why no get - decided not to get after counseling    |
| f12b18s6 | wv12 uas18 reverse mort:: why no get - found a better loan product             |
| f13b18s6 | wv13 uas119 reverse mort:: why no get - found a better loan product            |
| f14b18s6 | wv14 uas239 reverse mort:: why no get - found a better loan product            |
| f15b18s6 | wv15 uas460 reverse mort:: why no get - found a better loan product            |
| f12b18s7 | wv12 uas18 reverse mort:: why no get - did not understand product well enough  |
| f13b18s7 | wv13 uas119 reverse mort:: why no get - did not understand product well enough |
| f14b18s7 | wv14 uas239 reverse mort:: why no get - did not understand product well enough |

| f15b18s7              | wv15 uas460 reverse mort:: why no get - did not understand product well enough  |
|-----------------------|---|
| f12b18s8              | wv12 uas18 reverse mort:: why no get - did not want to build up debt            |
| f13b18s8              | wv13 uas119 reverse mort:: why no get - did not want to build up debt           |
| f14b18s8              | wv14 uas239 reverse mort:: why no get - did not want to build up debt           |
| f15b18s8              | wv15 uas460 reverse mort:: why no get - did not want to build up debt           |
| f12b18s9              | wv12 uas18 reverse mort:: why no get - concern abt paying taxes/repairs on home |
| f13b18s9              | wv13 uas119 reverse mort:: why no get - concern abt payin taxes/repairs on home |
| f14b18s9              | wv14 uas239 reverse mort:: why no get - concern abt payin taxes/repairs on home |
| f15b18s9              | wv15 uas460 reverse mort:: why no get - concern abt payin taxes/repairs on home |
| f12b18s10             | wv12 uas18 reverse mort:: why no get - preserve home equity as emergency fund   |
| f13b18s10             | wv13 uas119 reverse mort:: why no get - preserve home equity as emergency fund  |
| f14b18s10             | wv14 uas239 reverse mort:: why no get - preserve home equity as emergency fund  |
| f15b18s10             | wv15 uas460 reverse mort:: why no get - preserve home equity as emergency fund  |
| f12b18s11             | wv12 uas18 reverse mort:: why no get - preserve home equity to leave to heirs   |
| f13b18s11             | wv13 uas119 reverse mort:: why no get - preserve home equity to leave to heirs  |
| f14b18s11             | wv14 uas239 reverse mort:: why no get - preserve home equity to leave to heirs  |
| f15b18s11             | wv15 uas460 reverse mort:: why no get - preserve home equity to leave to heirs  |
| f12b18s12             | wv12 uas18 reverse mort:: why no get - other                                    |
| f13b18s12             | wv13 uas119 reverse mort:: why no get - other                                   |
| f14b18s12             | wv14 uas239 reverse mort:: why no get - other                                   |
| f15b18s12             | wv15 uas460 reverse mort:: why no get - other                                   |
| f12b18b               | wv12 uas18 reverse mort:: satisfaction with reverse mort, for current past mort |
| f13b18b               | wv13 uas119 reverse mort:: satisfactn with reverse mort, for current past mort  |
| f14b18b               | wv14 uas239 reverse mort:: satisfactn with reverse mort, for current past mort  |
| f15b18b               | wv15 uas460 reverse mort:: satisfactn with reverse mort, for current past mort  |
| f12b16_havemortgage   | wv12 uas18 reverse mort:: how introduced, do have - MULT RESP COMBO             |
| f13b16_havemortgage   | wv13 uas119 reverse mort:: how introduced, do have - MULT RESP COMBO            |
| f14b16_havemortgage   | wv14 uas239 reverse mort:: how introduced, do have - MULT RESP COMBO            |
| f15b16_havemortgage   | wv15 uas460 reverse mort:: how introduced, do have - MULT RESP COMBO            |
| f12b16_havemortgages1 | wv12 uas18 reverse mort:: how introduced, do have - salesperson                 |

| f13b16_havemortgages1 | wv13 uas119 reverse mort:: how introduced, do have - salesperson           |
|-----------------------|--|
| f14b16_havemortgages1 | wv14 uas239 reverse mort:: how introduced, do have - salesperson           |
| f15b16_havemortgages1 | wv15 uas460 reverse mort:: how introduced, do have - salesperson           |
| f12b16_havemortgages2 | wv12 uas18 reverse mort:: how introduced, do have - after my own research  |
| f13b16_havemortgages2 | wv13 uas119 reverse mort:: how introduced, do have - after my own research |
| f14b16_havemortgages2 | wv14 uas239 reverse mort:: how introduced, do have - after my own research |
| f15b16_havemortgages2 | wv15 uas460 reverse mort:: how introduced, do have - after my own research |
| f12b16_havemortgages3 | wv12 uas18 reverse mort:: how introduced, do have - financial advisor      |
| f13b16_havemortgages3 | wv13 uas119 reverse mort:: how introduced, do have - financial advisor     |
| f14b16_havemortgages3 | wv14 uas239 reverse mort:: how introduced, do have - financial advisor     |
| f15b16_havemortgages3 | wv15 uas460 reverse mort:: how introduced, do have - financial advisor     |
| f12b16_havemortgages4 | wv12 uas18 reverse mort:: how introduced, do have - friend/family member   |
| f13b16_havemortgages4 | wv13 uas119 reverse mort:: how introduced, do have - friend/family member  |
| f14b16_havemortgages4 | wv14 uas239 reverse mort:: how introduced, do have - friend/family member  |
| f15b16_havemortgages4 | wv15 uas460 reverse mort:: how introduced, do have - friend/family member  |
| f12b16_havemortgages5 | wv12 uas18 reverse mort:: how introduced, do have - advertising            |
| f13b16_havemortgages5 | wv13 uas119 reverse mort:: how introduced, do have - advertising           |
| f14b16_havemortgages5 | wv14 uas239 reverse mort:: how introduced, do have - advertising           |
| f15b16_havemortgages5 | wv15 uas460 reverse mort:: how introduced, do have - advertising           |
| f12b16_havemortgages6 | wv12 uas18 reverse mort:: how introduced, do have - other                  |
| f13b16_havemortgages6 | wv13 uas119 reverse mort:: how introduced, do have - other                 |
| f14b16_havemortgages6 | wv14 uas239 reverse mort:: how introduced, do have - other                 |
| f15b16_havemortgages6 | wv15 uas460 reverse mort:: how introduced, do have - other                 |
| f12b19                | wv12 uas18 credit card:: used any credit cards, last 3 yrs                 |
| f13b19                | wv13 uas119 credit card:: used any credit cards, last 3 yrs                |
| f14b19                | wv14 uas239 credit card:: used any credit cards, last 3 yrs                |
| f15b19                | wv15 uas460 credit card:: used any credit cards, last 3 yrs                |
| f12b20                | wv12 uas18 credit card:: how much of balance is typically paid each mo     |
| f13b20                | wv13 uas119 credit card:: how much of balance is typically paid each mo    |
| f14b20                | wv14 uas239 credit card:: how much of balance is typically paid each mo    |

| f15b20       | wv15 uas460 credit card:: how much of balance is typically paid each mo       |
|--------------|---|
| f12b21       | wv12 uas18 credit card:: every carry balance due to med expense, last 3 yrs   |
| f13b21       | wv13 uas119 credit card:: every carry balance due to med expense, last 3 yrs  |
| f14b21       | wv14 uas239 credit card:: every carry balance due to med expense, last 3 yrs  |
| f15b21       | wv15 uas460 credit card:: every carry balance due to med expense, last 3 yrs  |
| f12b22       | wv12 uas18 credit card:: used to take cash advance, last 3 yrs                |
| f13b22       | wv13 uas119 credit card:: used to take cash advance, last 3 yrs               |
| f14b22       | wv14 uas239 credit card:: used to take cash advance, last 3 yrs               |
| f15b22       | wv15 uas460 credit card:: used to take cash advance, last 3 yrs               |
| f12b23       | wv12 uas18 credit card:: debt today is less  same  more than debt 3 yrs ago   |
| f13b23       | wv13 uas119 credit card:: debt today less or same or more than debt 3 yrs ago |
| f14b23       | wv14 uas239 credit card:: debt today less or same or more than debt 3 yrs ago |
| f15b23       | wv15 uas460 credit card:: debt today less or same or more than debt 3 yrs ago |
| f12b23b      | wv12 uas18 credit card:: interest rate for card that has largest balance      |
| f13b23b      | wv13 uas119 credit card:: interest rate for card that has largest balance     |
| f14b23b      | wv14 uas239 credit card:: interest rate for card that has largest balance     |
| f15b23b      | wv15 uas460 credit card:: interest rate for card that has largest balance     |
| f12b23b_dk   | wv12 uas18 credit card:: dont know cost of debt                               |
| f13b23b_dk   | wv13 uas119 credit card:: dont know cost of debt                              |
| f14b23b_dk   | wv14 uas239 credit card:: dont know cost of debt                              |
| f15b23b_dk   | wv15 uas460 credit card:: dont know cost of debt                              |
| f14b23b_dks2 | wv14 uas239 credit card:: largest balance interest rate ques doesn't apply    |
| f15b23b_dks2 | wv15 uas460 credit card:: largest balance interest rate ques doesn't apply    |
| f12b24       | wv12 uas18 payday loan:: main experience with                                 |
| f13b24       | wv13 uas119 payday loan:: main experience with                                |
| f14b24       | wv14 uas239 payday loan:: main experience with                                |
| f15b24       | wv15 uas460 payday loan:: main experience with                                |
| f13b24a      | wv13 uas119 payday loan:: amount of last loan                                 |
| f14b24a      | wv14 uas239 payday loan:: amount of last loan                                 |
| f15b24a      | wv15 uas460 payday loan:: amount of last loan                                 |

| f12b26   | wv12 uas18 payday loan:: purpose of last loan - MULT RESP COMBO                 |
|----------|---|
| f13b26   | wv13 uas119 payday loan:: purpose of last loan - MULT RESP COMBO                |
| f14b26   | wv14 uas239 payday loan:: purpose of last loan - MULT RESP COMBO                |
| f15b26   | wv15 uas460 payday loan:: purpose of last loan - MULT RESP COMBO                |
| f12b26s1 | wv12 uas18 payday loan:: purpose of last loan - paying utility bills            |
| f13b26s1 | wv13 uas119 payday loan:: purpose of last loan - paying utility bills           |
| f14b26s1 | wv14 uas239 payday loan:: purpose of last loan - paying utility bills           |
| f15b26s1 | wv15 uas460 payday loan:: purpose of last loan - paying utility bills           |
| f12b26s2 | wv12 uas18 payday loan:: purpose of last loan - paying rent/mortgage            |
| f13b26s2 | wv13 uas119 payday loan:: purpose of last loan - paying rent/mortgage           |
| f14b26s2 | wv14 uas239 payday loan:: purpose of last loan - paying rent/mortgage           |
| f15b26s2 | wv15 uas460 payday loan:: purpose of last loan - paying rent/mortgage           |
| f12b26s3 | wv12 uas18 payday loan:: purpose of last loan - paying for emergency expense    |
| f13b26s3 | wv13 uas119 payday loan:: purpose of last loan - paying for emergency expense   |
| f14b26s3 | wv14 uas239 payday loan:: purpose of last loan - paying for emergency expense   |
| f15b26s3 | wv15 uas460 payday loan:: purpose of last loan - paying for emergency expense   |
| f12b26s4 | wv12 uas18 payday loan:: purpose of last loan - bank to avoid overdraft charge  |
| f13b26s4 | wv13 uas119 payday loan:: purpose of last loan - bank to avoid overdraft charge |
| f14b26s4 | wv14 uas239 payday loan:: purpose of last loan - bank to avoid overdraft charge |
| f15b26s4 | wv15 uas460 payday loan:: purpose of last loan - bank to avoid overdraft charge |
| f12b26s5 | wv12 uas18 payday loan:: purpose of last loan - paying misc. bills              |
| f13b26s5 | wv13 uas119 payday loan:: purpose of last loan - paying misc. bills             |
| f14b26s5 | wv14 uas239 payday loan:: purpose of last loan - paying misc. bills             |
| f15b26s5 | wv15 uas460 payday loan:: purpose of last loan - paying misc. bills             |
| f12b26s6 | wv12 uas18 payday loan:: purpose of last loan - food/groceries/living expenses  |
| f13b26s6 | wv13 uas119 payday loan:: purpose of last loan - food/groceries/living expenses |
| f14b26s6 | wv14 uas239 payday loan:: purpose of last loan - food/groceries/living expenses |
| f15b26s6 | wv15 uas460 payday loan:: purpose of last loan - food/groceries/living expenses |
| f12b26s7 | wv12 uas18 payday loan:: purpose of last loan - pay medical bills               |
| f13b26s7 | wv13 uas119 payday loan:: purpose of last loan - pay medical bills              |

| f14b26s7  | wv14 uas239 payday loan:: purpose of last loan - pay medical bills              |
|-----------|---|
| f15b26s7  | wv15 uas460 payday loan:: purpose of last loan - pay medical bills              |
| f12b26s8  | wv12 uas18 payday loan:: purpose of last loan - pay gambling debt               |
| f13b26s8  | wv13 uas119 payday loan:: purpose of last loan - pay gambling debt              |
| f14b26s8  | wv14 uas239 payday loan:: purpose of last loan - pay gambling debt              |
| f15b26s8  | wv15 uas460 payday loan:: purpose of last loan - pay gambling debt              |
| f12b26s9  | wv12 uas18 payday loan:: purpose of last loan - help fam members with emergency |
| f13b26s9  | wv13 uas119 payday loan:: purpose of last loan - help fam members with emergncy |
| f14b26s9  | wv14 uas239 payday loan:: purpose of last loan - help fam members with emergncy |
| f15b26s9  | wv15 uas460 payday loan:: purpose of last loan - help fam members with emergncy |
| f12b26s10 | wv12 uas18 payday loan:: purpose of last loan - other                           |
| f13b26s10 | wv13 uas119 payday loan:: purpose of last loan - other                          |
| f14b26s10 | wv14 uas239 payday loan:: purpose of last loan - other                          |
| f15b26s10 | wv15 uas460 payday loan:: purpose of last loan - other                          |
| f12b27    | wv12 uas18 payday loan:: ever paid back payday loan by taking out new loan      |
| f13b27    | wv13 uas119 payday loan:: ever paid back payday loan by taking out new loan     |
| f14b27    | wv14 uas239 payday loan:: ever paid back payday loan by taking out new loan     |
| f15b27    | wv15 uas460 payday loan:: ever paid back payday loan by taking out new loan     |
| f12b28    | wv12 uas18 payday loan:: time to pay back most recent loan                      |
| f13b28    | wv13 uas119 payday loan:: time to pay back most recent loan                     |
| f14b28    | wv14 uas239 payday loan:: time to pay back most recent loan                     |
| f15b28    | wv15 uas460 payday loan:: time to pay back most recent loan                     |
| f12b29    | wv12 uas18 payday loan:: rate borrowing experience - MULT RESP COMBO            |
| f13b29    | wv13 uas119 payday loan:: rate borrowing experience - MULT RESP COMBO           |
| f14b29    | wv14 uas239 payday loan:: rate borrowing experience - MULT RESP COMBO           |
| f15b29    | wv15 uas460 payday loan:: rate borrowing experience - MULT RESP COMBO           |
| f12b29s1  | wv12 uas18 payday loan:: borrowing experience - fees about what was expected    |
| f13b29s1  | wv13 uas119 payday loan:: borrowing experience - fees about what was expected   |
| f14b29s1  | wv14 uas239 payday loan:: borrowing experience - fees about what was expected   |
| f15b29s1  | wv15 uas460 payday loan:: borrowing experience - fees about what was expected   |

| f12b29s2 | wv12 uas18 payday loan:: borrowing experience - cost more than was expected     |
|----------|---|
| f13b29s2 | wv13 uas119 payday loan:: borrowing experience - cost more than was expected    |
| f14b29s2 | wv14 uas239 payday loan:: borrowing experience - cost more than was expected    |
| f15b29s2 | wv15 uas460 payday loan:: borrowing experience - cost more than was expected    |
| f12b29s3 | wv12 uas18 payday loan:: borrowing experience - longer to pay back than expect  |
| f13b29s3 | wv13 uas119 payday loan:: borrowing experience - longer to pay back than expect |
| f14b29s3 | wv14 uas239 payday loan:: borrowing experience - longer to pay back than expect |
| f15b29s3 | wv15 uas460 payday loan:: borrowing experience - longer to pay back than expect |
| f12b29s4 | wv12 uas18 payday loan:: borrowing experience - dont know how much actlly cost  |
| f13b29s4 | wv13 uas119 payday loan:: borrowing experience - dont know how much actlly cost |
| f14b29s4 | wv14 uas239 payday loan:: borrowing experience - dont know how much actlly cost |
| f15b29s4 | wv15 uas460 payday loan:: borrowing experience - dont know how much actlly cost |
| f12b29s5 | wv12 uas18 payday loan:: borrowing experience - none of the above               |
| f13b29s5 | wv13 uas119 payday loan:: borrowing experience - none of the above              |
| f14b29s5 | wv14 uas239 payday loan:: borrowing experience - none of the above              |
| f15b29s5 | wv15 uas460 payday loan:: borrowing experience - none of the above              |
| f12b30   | wv12 uas18 payday loan:: why not get - MULT RESP COMBO                          |
| f13b30   | wv13 uas119 payday loan:: why not get - MULT RESP COMBO                         |
| f14b30   | wv14 uas239 payday loan:: why not get - MULT RESP COMBO                         |
| f15b30   | wv15 uas460 payday loan:: why not get - MULT RESP COMBO                         |
| f12b30s1 | wv12 uas18 payday loan:: why no get - no need                                   |
| f13b30s1 | wv13 uas119 payday loan:: why no get - no need                                  |
| f14b30s1 | wv14 uas239 payday loan:: why no get - no need                                  |
| f15b30s1 | wv15 uas460 payday loan:: why no get - no need                                  |
| f12b30s2 | wv12 uas18 payday loan:: why no get - too expensive                             |
| f13b30s2 | wv13 uas119 payday loan:: why no get - too expensive                            |
| f14b30s2 | wv14 uas239 payday loan:: why no get - too expensive                            |
| f15b30s2 | wv15 uas460 payday loan:: why no get - too expensive                            |
| f12b30s3 | wv12 uas18 payday loan:: why no get - decided not to get loan after learn more  |
| f13b30s3 | wv13 uas119 payday loan:: why no get - decided not to get loan after learn more |

| f14b30s3  | wv14 uas239 payday loan:: why no get - decided not to get loan after learn more |
|-----------|---|
| f15b30s3  | wv15 uas460 payday loan:: why no get - decided not to get loan after learn more |
| f12b30s4  | wv12 uas18 payday loan:: why no get - dont understand product well enough       |
| f13b30s4  | wv13 uas119 payday loan:: why no get - dont understand product well enough      |
| f14b30s4  | wv14 uas239 payday loan:: why no get - dont understand product well enough      |
| f15b30s4  | wv15 uas460 payday loan:: why no get - dont understand product well enough      |
| f12b30s5  | wv12 uas18 payday loan:: why no get - borrowed from another source              |
| f13b30s5  | wv13 uas119 payday loan:: why no get - borrowed from another source             |
| f14b30s5  | wv14 uas239 payday loan:: why no get - borrowed from another source             |
| f15b30s5  | wv15 uas460 payday loan:: why no get - borrowed from another source             |
| f12new1   | wv12 uas18 student loan:: who loan for - MULT RESP COMBO                        |
| f13new1   | wv13 uas119 student loan:: who loan for - MULT RESP COMBO                       |
| f14new1   | wv14 uas239 student loan:: who loan for - MULT RESP COMBO                       |
| f15new1   | wv15 uas460 student loan:: who loan for - MULT RESP COMBO                       |
| f12new1s1 | wv12 uas18 student loan:: who loan for - your own education                     |
| f13new1s1 | wv13 uas119 student loan:: who loan for - your own education                    |
| f14new1s1 | wv14 uas239 student loan:: who loan for - your own education                    |
| f15new1s1 | wv15 uas460 student loan:: who loan for - your own education                    |
| f12new1s2 | wv12 uas18 student loan:: who loan for - spouse/partners education              |
| f13new1s2 | wv13 uas119 student loan:: who loan for - spouse/partners education             |
| f14new1s2 | wv14 uas239 student loan:: who loan for - spouse/partners education             |
| f15new1s2 | wv15 uas460 student loan:: who loan for - spouse/partners education             |
| f12new1s3 | wv12 uas18 student loan:: who loan for - a childs education                     |
| f13new1s3 | wv13 uas119 student loan:: who loan for - a childs education                    |
| f14new1s3 | wv14 uas239 student loan:: who loan for - a childs education                    |
| f15new1s3 | wv15 uas460 student loan:: who loan for - a childs education                    |
| f12new1s4 | wv12 uas18 student loan:: who loan for - a grandchilds education                |
| f13new1s4 | wv13 uas119 student loan:: who loan for - a grandchilds education               |
| f14new1s4 | wv14 uas239 student loan:: who loan for - a grandchilds education               |
| f15new1s4 | wv15 uas460 student loan:: who loan for - a grandchilds education               |

| f12new1s5 | wv12 uas18 student loan:: who loan for - someone elses education               |
|-----------|--|
| f13new1s5 | wv13 uas119 student loan:: who loan for - someone elses education              |
| f14new1s5 | wv14 uas239 student loan:: who loan for - someone elses education              |
| f15new1s5 | wv15 uas460 student loan:: who loan for - someone elses education              |
| f12new1s6 | wv12 uas18 student loan:: who loan for - do not owe money/loans for education  |
| f13new1s6 | wv13 uas119 student loan:: who loan for - do not owe money/loans for education |
| f14new1s6 | wv14 uas239 student loan:: who loan for - none of the above                    |
| f15new1s6 | wv15 uas460 student loan:: who loan for - none of the above                    |
| f12new1_a | wv12 uas18 student loan:: public or private college                            |
| f13new1_a | wv13 uas119 student loan:: public or private college                           |
| f14new1_a | wv14 uas239 student loan:: public or private college                           |
| f15new1_a | wv15 uas460 student loan:: public or private college                           |
| f12new1_b | wv12 uas18 student loan:: college a for profit institute                       |
| f13new1_b | wv13 uas119 student loan:: college a for profit institute                      |
| f14new1_b | wv14 uas239 student loan:: college a for profit institute                      |
| f15new1_b | wv15 uas460 student loan:: college a for profit institute                      |
| f12new1_c | wv12 uas18 student loan:: kind of degree                                       |
| f13new1_c | wv13 uas119 student loan:: kind of degree                                      |
| f14new1_c | wv14 uas239 student loan:: kind of degree                                      |
| f15new1_c | wv15 uas460 student loan:: kind of degree                                      |
| f12new1_d | wv12 uas18 student loan:: degree completion                                    |
| f13new1_d | wv13 uas119 student loan:: degree completion                                   |
| f14new1_d | wv14 uas239 student loan:: degree completion                                   |
| f15new1_d | wv15 uas460 student loan:: degree completion                                   |
| f12new1_e | wv12 uas18 student loan:: working in field related to degree                   |
| f13new1_e | wv13 uas119 student loan:: working in field related to degree                  |
| f14new1_e | wv14 uas239 student loan:: working in field related to degree                  |
| f15new1_e | wv15 uas460 student loan:: working in field related to degree                  |
| f12new1_f | wv12 uas18 student loan:: borrowed from home equity                            |
| f13new1_f | wv13 uas119 student loan:: borrowed from home equity                           |

| f14new1_f     | wv14 uas239 student loan:: borrowed from home equity   |
|---------------|--|
| f15new1_f     | wv15 uas460 student loan:: borrowed from home equity   |
| f12new2       | wv12 uas18 student loan:: money currently owed for education                                 |
| f13new2_ans13 | wv13 uas119 student loan:: <wv13 ans="" change=""> money currently owed for education</wv13> |
| f14new2_ans13 | wv14 uas239 student loan:: <wv13 ans="" change=""> money currently owed for education</wv13> |
| f15new2_ans13 | wv15 uas460 student loan:: <wv13 ans="" change=""> money currently owed for education</wv13> |
| f12new6       | wv12 uas18 student loan:: how long ago started paying own loans                              |
| f13new6       | wv13 uas119 student loan:: how long ago started paying own loans                             |
| f14new6       | wv14 uas239 student loan:: how long ago started paying own loans                             |
| f15new6       | wv15 uas460 student loan:: how long ago started paying own loans                             |
| f12new3       | wv12 uas18 student loan:: money currently owed for spouse education                          |
| f13new3_ans13 | wv13 uas119 student loan:: <wv13 ans="" change=""> money currently owed for spouse ed</wv13> |
| f14new3_ans13 | wv14 uas239 student loan:: <wv13 ans="" change=""> money currently owed for spouse ed</wv13> |
| f15new3_ans13 | wv15 uas460 student loan:: <wv13 ans="" change=""> money currently owed for spouse ed</wv13> |
| f12new7       | wv12 uas18 student loan:: how long ago started paying loans for spouse                       |
| f13new7       | wv13 uas119 student loan:: how long ago started paying loans for spouse                      |
| f14new7       | wv14 uas239 student loan:: how long ago started paying loans for spouse                      |
| f15new7       | wv15 uas460 student loan:: how long ago started paying loans for spouse                      |
| f12new4       | wv12 uas18 student loan:: money currently owed for child education                           |
| f13new4       | wv13 uas119 student loan:: money currently owed for child education                          |
| f14new4       | wv14 uas239 student loan:: money currently owed for child education                          |
| f15new4       | wv15 uas460 student loan:: money currently owed for child education                          |
| f12new8       | wv12 uas18 student loan:: how long ago started paying loans for child                        |
| f13new8       | wv13 uas119 student loan:: how long ago started paying loans for child                       |
| f14new8       | wv14 uas239 student loan:: how long ago started paying loans for child                       |
| f15new8       | wv15 uas460 student loan:: how long ago started paying loans for child                       |
| f12new5       | wv12 uas18 student loan:: money currently owed for grandchild education                      |
| f13new5       | wv13 uas119 student loan:: money currently owed for grandchild education                     |
| f14new5       | wv14 uas239 student loan:: money currently owed for grandchild education                     |
| f15new5       | wv15 uas460 student loan:: money currently owed for grandchild education                     |

| f12new9   | wv12 uas18 student loan:: how long ago started paying loans for grandchild   |
|-----------|--|
| f13new9   | wv13 uas119 student loan:: how long ago started paying loans for grandchild  |
| f14new9   | wv14 uas239 student loan:: how long ago started paying loans for grandchild  |
| f15new9   | wv15 uas460 student loan:: how long ago started paying loans for grandchild  |
| f12new10  | wv12 uas18 student loan:: money currently owed for others education          |
| f13new10  | wv13 uas119 student loan:: money currently owed for others education         |
| f14new10  | wv14 uas239 student loan:: money currently owed for others education         |
| f15new10  | wv15 uas460 student loan:: money currently owed for others education         |
| f12new11  | wv12 uas18 student loan:: how long ago started start paying loans for other  |
| f13new11  | wv13 uas119 student loan:: how long ago started start paying loans for other |
| f14new11  | wv14 uas239 student loan:: how long ago started start paying loans for other |
| f15new11  | wv15 uas460 student loan:: how long ago started start paying loans for other |
| f13new12  | wv13 uas119 student loan:: outstanding bills to healthcare providers         |
| f14new12  | wv14 uas239 student loan:: outstanding bills to healthcare providers         |
| f15new12  | wv15 uas460 student loan:: outstanding bills to healthcare providers         |
| f13new12a | wv13 uas119 student loan:: how much owed to healthcare providers             |
| f14new12a | wv14 uas239 student loan:: how much owed to healthcare providers             |
| f15new12a | wv15 uas460 student loan:: how much owed to healthcare providers             |
| f12b32    | wv12 uas18 advice:: money management advisor, last yr - MULT RESP COMBO      |
| f13b32    | wv13 uas119 advice:: money management advisor, last yr - MULT RESP COMBO     |
| f14b32    | wv14 uas239 advice:: money management advisor, last yr - MULT RESP COMBO     |
| f15b32    | wv15 uas460 advice:: money management advisor, last yr - MULT RESP COMBO     |
| f12b32s1  | wv12 uas18 advice:: money management advisor, last yr - did not need help    |
| f13b32s1  | wv13 uas119 advice:: money management advisor, last yr - did not need help   |
| f14b32s1  | wv14 uas239 advice:: money management advisor, last yr - did not need help   |
| f15b32s1  | wv15 uas460 advice:: money management advisor, last yr - did not need help   |
| f12b32s2  | wv12 uas18 advice:: money management advisor, last yr - could not find help  |
| f13b32s2  | wv13 uas119 advice:: money management advisor, last yr - could not find help |
| f14b32s2  | wv14 uas239 advice:: money management advisor, last yr - could not find help |
| f15b32s2  | wv15 uas460 advice:: money management advisor, last yr - could not find help |

| f12b32s3 | wv12 uas18 advice:: money management advisor, last yr - friends/family members  |
|----------|---|
| f13b32s3 | wv13 uas119 advice:: money management advisor, last yr - friends/family members |
| f14b32s3 | wv14 uas239 advice:: money management advisor, last yr - friends/family members |
| f15b32s3 | wv15 uas460 advice:: money management advisor, last yr - friends/family members |
| f12b32s4 | wv12 uas18 advice:: money management advisor, last yr - financial professionals |
| f13b32s4 | wv13 uas119 advice:: money management advisor, last yr - fnclprofessionals      |
| f14b32s4 | wv14 uas239 advice:: money management advisor, last yr - fnclprofessionals      |
| f15b32s4 | wv15 uas460 advice:: money management advisor, last yr - fnclprofessionals      |
| f12b32s5 | wv12 uas18 advice:: money management advisor, last yr - non-family caregiver    |
| f13b32s5 | wv13 uas119 advice:: money management advisor, last yr - non-family caregiver   |
| f14b32s5 | wv14 uas239 advice:: money management advisor, last yr - non-family caregiver   |
| f15b32s5 | wv15 uas460 advice:: money management advisor, last yr - non-family caregiver   |
| f12b32s6 | wv12 uas18 advice:: money management advisor, last yr - other                   |
| f13b32s6 | wv13 uas119 advice:: money management advisor, last yr - other                  |
| f14b32s6 | wv14 uas239 advice:: money management advisor, last yr - other                  |
| f15b32s6 | wv15 uas460 advice:: money management advisor, last yr - other                  |
| f12b32a  | wv12 uas18 advice:: how professional was paid                                   |
| f13b32a  | wv13 uas119 advice:: how professional was paid                                  |
| f14b32a  | wv14 uas239 advice:: how professional was paid                                  |
| f15b32a  | wv15 uas460 advice:: how professional was paid                                  |
| f12b32b  | wv12 uas18 advice:: satisfaction with advice                                    |
| f13b32b  | wv13 uas119 advice:: satisfaction with advice                                   |
| f14b32b  | wv14 uas239 advice:: satisfaction with advice                                   |
| f15b32b  | wv15 uas460 advice:: satisfaction with advice                                   |
| f12b33   | wv12 uas18 advice:: who gave/loaned money to HH, last yr - MULT RESP COMBO      |
| f13b33   | wv13 uas119 advice:: who gave/loaned money to HH, last yr - MULT RESP COMBO     |
| f14b33   | wv14 uas239 advice:: who gave/loaned money to HH, last yr - MULT RESP COMBO     |
| f15b33   | wv15 uas460 advice:: who gave/loaned money to HH, last yr - MULT RESP COMBO     |
| f12b33s1 | wv12 uas18 advice:: who gave/loaned money to HH, last yr - did not need help    |
| f13b33s1 | wv13 uas119 advice:: who gave/loaned money to HH, last yr - did not need help   |

| f14b33s1 | wv14 uas239 advice:: who gave/loaned money to HH, last yr - did not need help   |
|----------|---|
| f15b33s1 | wv15 uas460 advice:: who gave/loaned money to HH, last yr - did not need help   |
| f12b33s2 | wv12 uas18 advice:: who gave/loaned money to HH, last yr - could not find help  |
| f13b33s2 | wv13 uas119 advice:: who gave/loaned money to HH, last yr - could not find help |
| f14b33s2 | wv14 uas239 advice:: who gave/loaned money to HH, last yr - could not find help |
| f15b33s2 | wv15 uas460 advice:: who gave/loaned money to HH, last yr - could not find help |
| f12b33s3 | wv12 uas18 advice:: who gave/loaned money to HH, last yr - parent               |
| f13b33s3 | wv13 uas119 advice:: who gave/loaned money to HH, last yr - parent              |
| f14b33s3 | wv14 uas239 advice:: who gave/loaned money to HH, last yr - parent              |
| f15b33s3 | wv15 uas460 advice:: who gave/loaned money to HH, last yr - parent              |
| f12b33s4 | wv12 uas18 advice:: who gave/loaned money to HH, last yr - child                |
| f13b33s4 | wv13 uas119 advice:: who gave/loaned money to HH, last yr - child               |
| f14b33s4 | wv14 uas239 advice:: who gave/loaned money to HH, last yr - child               |
| f15b33s4 | wv15 uas460 advice:: who gave/loaned money to HH, last yr - child               |
| f12b33s5 | wv12 uas18 advice:: who gave/loaned money to HH, last yr - other family member  |
| f13b33s5 | wv13 uas119 advice:: who gave/loaned money to HH, last yr - other family member |
| f14b33s5 | wv14 uas239 advice:: who gave/loaned money to HH, last yr - other family member |
| f15b33s5 | wv15 uas460 advice:: who gave/loaned money to HH, last yr - other family member |
| f12b33s6 | wv12 uas18 advice:: who gave/loaned money to HH, last yr - friends              |
| f13b33s6 | wv13 uas119 advice:: who gave/loaned money to HH, last yr - friends             |
| f14b33s6 | wv14 uas239 advice:: who gave/loaned money to HH, last yr - friends             |
| f15b33s6 | wv15 uas460 advice:: who gave/loaned money to HH, last yr - friends             |
| f12b33s7 | wv12 uas18 advice:: who gave/loaned money to HH, last yr - non-family caregiver |
| f13b33s7 | wv13 uas119 advice:: who gave/loaned money to HH, last yr - non-fam caregiver   |
| f14b33s7 | wv14 uas239 advice:: who gave/loaned money to HH, last yr - non-fam caregiver   |
| f15b33s7 | wv15 uas460 advice:: who gave/loaned money to HH, last yr - non-fam caregiver   |
| f12b33s8 | wv12 uas18 advice:: who gave/loaned money to HH, last yr - other                |
| f13b33s8 | wv13 uas119 advice:: who gave/loaned money to HH, last yr - other               |
| f14b33s8 | wv14 uas239 advice:: who gave/loaned money to HH, last yr - other               |
| f15b33s8 | wv15 uas460 advice:: who gave/loaned money to HH, last yr - other               |

| f12b34   | wv12 uas18 advice:: who managed investments, last yr - MULT RESP COMBO          |
|----------|---|
| f13b34   | wv13 uas119 advice:: who managed investments, last yr - MULT RESP COMBO         |
| f14b34   | wv14 uas239 advice:: who managed investments, last yr - MULT RESP COMBO         |
| f15b34   | wv15 uas460 advice:: who managed investments, last yr - MULT RESP COMBO         |
| f12b34s1 | wv12 uas18 advice:: who managed investments, last yr - dont have any investmnts |
| f13b34s1 | wv13 uas119 advice:: who managed investments, last yr - dont have any invstmnts |
| f14b34s1 | wv14 uas239 advice:: who managed investments, last yr - dont have any invstmnts |
| f15b34s1 | wv15 uas460 advice:: who managed investments, last yr - dont have any invstmnts |
| f12b34s2 | wv12 uas18 advice:: who managed investments, last yr - managed them myself      |
| f13b34s2 | wv13 uas119 advice:: who managed investments, last yr -managed them myself      |
| f14b34s2 | wv14 uas239 advice:: who managed investments, last yr -managed them myself      |
| f15b34s2 | wv15 uas460 advice:: who managed investments, last yr -managed them myself      |
| f12b34s3 | wv12 uas18 advice:: who managed investments, last yr - friends/family members   |
| f13b34s3 | wv13 uas119 advice:: who managed investments, last yr - friends/family members  |
| f14b34s3 | wv14 uas239 advice:: who managed investments, last yr - friends/family members  |
| f15b34s3 | wv15 uas460 advice:: who managed investments, last yr - friends/family members  |
| f12b34s4 | wv12 uas18 advice:: who managed investments, last yr - financial professionals  |
| f13b34s4 | wv13 uas119 advice:: who managed investments, last yr - financial professionals |
| f14b34s4 | wv14 uas239 advice:: who managed investments, last yr - financial professionals |
| f15b34s4 | wv15 uas460 advice:: who managed investments, last yr - financial professionals |
| f12b34s5 | wv12 uas18 advice:: who managed investments, last yr - non-family caregiver     |
| f13b34s5 | wv13 uas119 advice:: who managed investments, last yr - non-family caregiver    |
| f14b34s5 | wv14 uas239 advice:: who managed investments, last yr - non-family caregiver    |
| f15b34s5 | wv15 uas460 advice:: who managed investments, last yr - non-family caregiver    |
| f12b34s6 | wv12 uas18 advice:: who managed investments, last yr - other                    |
| f13b34s6 | wv13 uas119 advice:: who managed investments, last yr - other                   |
| f14b34s6 | wv14 uas239 advice:: who managed investments, last yr - other                   |
| f15b34s6 | wv15 uas460 advice:: who managed investments, last yr - other                   |
| f12b35   | wv12 uas18 advice:: paid more than 1k medical expense, last 3 yrs               |
| f13b35   | wv13 uas119 advice:: paid more than 1k medical expense, last 3 yrs              |

| f14b35   | wv14 uas239 advice:: paid more than 1k medical expense, last 3 yrs             |
|----------|--|
| f15b35   | wv15 uas460 advice:: paid more than 1k medical expense, last 3 yrs             |
| f12b35a  | wv12 uas18 advice:: cost of uncovered medical expense                          |
| f13b35a  | wv13 uas119 advice:: cost of uncovered medical expense                         |
| f14b35a  | wv14 uas239 advice:: cost of uncovered medical expense                         |
| f15b35a  | wv15 uas460 advice:: cost of uncovered medical expense                         |
| f12b35b  | wv12 uas18 advice:: reason medical expense not covered by insurance            |
| f13b35b  | wv13 uas119 advice:: reason medical expense not covered by insurance           |
| f14b35b  | wv14 uas239 advice:: reason medical expense not covered by insurance           |
| f15b35b  | wv15 uas460 advice:: reason medical expense not covered by insurance           |
| f12b35c  | wv12 uas18 advice:: preparedness to pay medical expense                        |
| f13b35c  | wv13 uas119 advice:: preparedness to pay medical expense                       |
| f14b35c  | wv14 uas239 advice:: preparedness to pay medical expense                       |
| f15b35c  | wv15 uas460 advice:: preparedness to pay medical expense                       |
| f12b36   | wv12 uas18 advice:: paying medical expenses advisor - MULT RESP COMBO          |
| f13b36   | wv13 uas119 advice:: paying medical expenses advisor - MULT RESP COMBO         |
| f14b36   | wv14 uas239 advice:: paying medical expenses advisor - MULT RESP COMBO         |
| f15b36   | wv15 uas460 advice:: paying medical expenses advisor - MULT RESP COMBO         |
| f12b36s1 | wv12 uas18 advice:: paying medical expenses advisor - did not ask for advice   |
| f13b36s1 | wv13 uas119 advice:: paying medical expenses advisor - did not ask for advice  |
| f14b36s1 | wv14 uas239 advice:: paying medical expenses advisor - did not ask for advice  |
| f15b36s1 | wv15 uas460 advice:: paying medical expenses advisor - did not ask for advice  |
| f12b36s2 | wv12 uas18 advice:: paying medical expenses advisor - friends/family members   |
| f13b36s2 | wv13 uas119 advice:: paying medical expenses advisor - friends/family members  |
| f14b36s2 | wv14 uas239 advice:: paying medical expenses advisor - friends/family members  |
| f15b36s2 | wv15 uas460 advice:: paying medical expenses advisor - friends/family members  |
| f12b36s3 | wv12 uas18 advice:: paying medical expenses advisor - financial professionals  |
| f13b36s3 | wv13 uas119 advice:: paying medical expenses advisor - financial professionals |
| f14b36s3 | wv14 uas239 advice:: paying medical expenses advisor - financial professionals |
| f15b36s3 | wv15 uas460 advice:: paying medical expenses advisor - financial professionals |

| f12b36s4       | wv12 uas18 advice:: paying medical expenses advisor - non-family caregiver                   |
|----------------|--|
| f13b36s4       | wv13 uas119 advice:: paying medical expenses advisor - non-family caregiver                  |
| f14b36s4       | wv14 uas239 advice:: paying medical expenses advisor - non-family caregiver                  |
| f15b36s4       | wv15 uas460 advice:: paying medical expenses advisor - non-family caregiver                  |
| f12b36s5       | wv12 uas18 advice:: paying medical expenses advisor - medical provider                       |
| f13b36s5       | wv13 uas119 advice:: paying medical expenses advisor - medical provider                      |
| f14b36s5       | wv14 uas239 advice:: paying medical expenses advisor - medical provider                      |
| f15b36s5       | wv15 uas460 advice:: paying medical expenses advisor - medical provider                      |
| f12b36s6       | wv12 uas18 advice:: paying medical expenses advisor - other                                  |
| f13b36s6       | wv13 uas119 advice:: paying medical expenses advisor - other                                 |
| f14b36s6       | wv14 uas239 advice:: paying medical expenses advisor - other                                 |
| f15b36s6       | wv15 uas460 advice:: paying medical expenses advisor - other                                 |
| f12b37         | wv12 uas18 advice:: fncl stress, last 3 yrs - MULT RESP COMBO                                |
| f13b37_ans13   | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - MULT RESP COMBO</wv13>     |
| f14b37_ans13   | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - MULT RESP COMBO</wv13>     |
| f15b37_ans13   | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - MULT RESP COMBO</wv13>     |
| f12b37s1       | wv12 uas18 advice:: fncl stress, last 3 yrs - no major financial stress                      |
| f13b37s1_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - no majr fncl stress</wv13> |
| f14b37s1_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - no majr fncl stress</wv13> |
| f15b37s1_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - no majr fncl stress</wv13> |
| f12b37s2       | wv12 uas18 advice:: fncl stress, last 3 yrs - bankruptcy                                     |
| f13b37s2_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - bankruptcy</wv13>          |
| f14b37s2_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - bankruptcy</wv13>          |
| f15b37s2_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - bankruptcy</wv13>          |
| f12b37s3       | wv12 uas18 advice:: fncl stress, last 3 yrs - received foreclosure notice                    |
| f13b37s3_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - foreclosure notice</wv13>  |
| f14b37s3_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - foreclosure notice</wv13>  |
| f15b37s3_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - foreclosure notice</wv13>  |
| f12b37s4       | wv12 uas18 advice:: fncl stress, last 3 yrs - lost job or wrk hrs/incom reduced              |
| f13b37s4_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - work/income reduced</wv13> |

| f14b37s4_ans13  | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - work/income reduced</wv13>     |
|-----------------|--|
| f15b37s4_ans13  | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - work/income reduced</wv13>     |
| f12b37s5        | wv12 uas18 advice:: fncl stress, last 3 yrs - significant health issue                           |
| f13b37s5_ans13  | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - sig health issue</wv13>        |
| f14b37s5_ans13  | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - sig health issue</wv13>        |
| f15b37s5_ans13  | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - sig health issue</wv13>        |
| f12b37s6        | wv12 uas18 advice:: fncl stress, last 3 yrs - separated or divorced                              |
| f13b37s6_ans13  | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - separated/divorced</wv13>      |
| f14b37s6_ans13  | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - separated/divorced</wv13>      |
| f15b37s6_ans13  | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - separated/divorced</wv13>      |
| f12b37s7        | wv12 uas18 advice:: fncl stress, last 3 yrs - losing a spouse                                    |
| f13b37s7_ans13  | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - losing a spouse</wv13>         |
| f14b37s7_ans13  | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - losing a spouse</wv13>         |
| f15b37s7_ans13  | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - losing a spouse</wv13>         |
| f12b37s8        | wv12 uas18 advice:: fncl stress, last 3 yrs - long term care                                     |
| f13b37s8_ans13  | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - ltc self/fam</wv13>            |
| f14b37s8_ans13  | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - ltc self/fam</wv13>            |
| f15b37s8_ans13  | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - ltc self/fam</wv13>            |
| f12b37s9        | wv12 uas18 advice:: fncl stress, last 3 yrs - unpaid taxes                                       |
| f13b37s9_ans13  | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - unpaid taxes</wv13>            |
| f14b37s9_ans13  | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - unpaid taxes</wv13>            |
| f15b37s9_ans13  | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - unpaid taxes</wv13>            |
| f12b37s10       | wv12 uas18 advice:: fncl stress, last 3 yrs - mort balance > property value                      |
| f13b37s10_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - mort bal &gt; prop val</wv13>  |
| f14b37s10_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - mort bal &gt; prop val</wv13>  |
| f15b37s10_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - mort bal &gt; prop val</wv13>  |
| f12b37s11       | wv12 uas18 advice:: fncl stress, last 3 yrs - mort payment higher than expected                  |
| f13b37s11_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - mort paymnt &gt; expect</wv13> |
| f14b37s11_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - mort paymnt &gt; expect</wv13> |
| f15b37s11_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - mort paymnt &gt; expect</wv13> |

| f12b37s12       | wv12 uas18 advice:: fncl stress, last 3 yrs - gambling debt                                  |
|-----------------|--|
| f13b37s12_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - gambling debt</wv13>       |
| f14b37s12_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - gambling debt</wv13>       |
| f15b37s12_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - gambling debt</wv13>       |
| f12b37s13       | wv12 uas18 advice:: fncl stress, last 3 yrs - helping fam member who lost job                |
| f13b37s13_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - help fam lost job</wv13>   |
| f14b37s13_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - help fam lost job</wv13>   |
| f15b37s13_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - help fam lost job</wv13>   |
| f12b37s14       | wv12 uas18 advice:: fncl stress, last 3 yrs - other  |
| f13b37s14_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - unexpect home rpair</wv13> |
| f14b37s14_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - unexpect home rpair</wv13> |
| f15b37s14_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - unexpect home rpair</wv13> |
| f13b37s15_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - major car problem</wv13>   |
| f14b37s15_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - major car problem</wv13>   |
| f15b37s15_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - major car problem</wv13>   |
| f13b37s16_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - major dental expens</wv13> |
| f14b37s16_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - major dental expens</wv13> |
| f15b37s16_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - major dental expens</wv13> |
| f13b37s17_ans13 | wv13 uas119 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - other</wv13>               |
| f14b37s17_ans13 | wv14 uas239 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - other</wv13>               |
| f15b37s17_ans13 | wv15 uas460 advice:: <wv13 ans="" change=""> fncl stress, 3 yrs - other</wv13>               |
| f12b37b         | wv12 uas18 advice:: response to financial stress - MULT RESP COMBO                           |
| f13b37b         | wv13 uas119 advice:: response to financial stress - MULT RESP COMBO                          |
| f14b37b         | wv14 uas239 advice:: response to financial stress - MULT RESP COMBO                          |
| f15b37b         | wv15 uas460 advice:: response to financial stress - MULT RESP COMBO                          |
| f12b37bs1       | wv12 uas18 advice:: response to financial stress - got help from others                      |
| f13b37bs1       | wv13 uas119 advice:: response to financial stress - got help from others                     |
| f14b37bs1       | wv14 uas239 advice:: response to financial stress - got help from others                     |
| f15b37bs1       | wv15 uas460 advice:: response to financial stress - got help from others                     |
| f12b37bs2       | wv12 uas18 advice:: response to financial stress - borrowed, using credit card               |

| f13b37bs2 | wv13 uas119 advice:: response to financial stress - borrowed, credit card       |
|-----------|---|
| f14b37bs2 | wv14 uas239 advice:: response to financial stress - borrowed, credit card       |
| f15b37bs2 | wv15 uas460 advice:: response to financial stress - borrowed, credit card       |
| f12b37bs3 | wv12 uas18 advice:: response to financial stress - borrowed, payday lending     |
| f13b37bs3 | wv13 uas119 advice:: response to financial stress - borrowed, payday lending    |
| f14b37bs3 | wv14 uas239 advice:: response to financial stress - borrowed, payday lending    |
| f15b37bs3 | wv15 uas460 advice:: response to financial stress - borrowed, payday lending    |
| f12b37bs4 | wv12 uas18 advice:: response to financial stress - mortgaged home/increas mort  |
| f13b37bs4 | wv13 uas119 advice:: response to financial stress - mortgaged home/increas mort |
| f14b37bs4 | wv14 uas239 advice:: response to financial stress - mortgaged home/increas mort |
| f15b37bs4 | wv15 uas460 advice:: response to financial stress - mortgaged home/increas mort |
| f12b37bs5 | wv12 uas18 advice:: response to financial stress - borrowed, from bank          |
| f13b37bs5 | wv13 uas119 advice:: response to financial stress - borrowed, from bank         |
| f14b37bs5 | wv14 uas239 advice:: response to financial stress - borrowed, from bank         |
| f15b37bs5 | wv15 uas460 advice:: response to financial stress - borrowed, from bank         |
| f12b37bs6 | wv12 uas18 advice:: response to financial stress - withdrew from savings        |
| f13b37bs6 | wv13 uas119 advice:: response to financial stress - withdrew from savings       |
| f14b37bs6 | wv14 uas239 advice:: response to financial stress - withdrew from savings       |
| f15b37bs6 | wv15 uas460 advice:: response to financial stress - withdrew from savings       |
| f12b37bs7 | wv12 uas18 advice:: response to financial stress - cut expenses                 |
| f13b37bs7 | wv13 uas119 advice:: response to financial stress - cut expenses                |
| f14b37bs7 | wv14 uas239 advice:: response to financial stress - cut expenses                |
| f15b37bs7 | wv15 uas460 advice:: response to financial stress - cut expenses                |
| f12b37bs8 | wv12 uas18 advice:: response to financial stress - negotiated debt              |
| f13b37bs8 | wv13 uas119 advice:: response to financial stress - negotiated debt             |
| f14b37bs8 | wv14 uas239 advice:: response to financial stress - negotiated debt             |
| f15b37bs8 | wv15 uas460 advice:: response to financial stress - negotiated debt             |
| f12b37bs9 | wv12 uas18 advice:: response to financial stress - did not pay                  |
| f13b37bs9 | wv13 uas119 advice:: response to financial stress - did not pay                 |
| f14b37bs9 | wv14 uas239 advice:: response to financial stress - did not pay                 |

| f15b37bs9  | wv15 uas460 advice:: response to financial stress - did not pay      |
|------------|--|
| f12b37bs10 | wv12 uas18 advice:: response to financial stress - other             |
| f13b37bs10 | wv13 uas119 advice:: response to financial stress - other            |
| f14b37bs10 | wv14 uas239 advice:: response to financial stress - other            |
| f15b37bs10 | wv15 uas460 advice:: response to financial stress - other            |
| f12b37c    | wv12 uas18 advice:: HH recovered from financial stress               |
| f13b37c    | wv13 uas119 advice:: HH recovered from financial stress              |
| f14b37c    | wv14 uas239 advice:: HH recovered from financial stress              |
| f15b37c    | wv15 uas460 advice:: HH recovered from financial stress              |
| f12b37d    | wv12 uas18 advice:: successfulness of response to financial stress   |
| f13b37d    | wv13 uas119 advice:: successfulness of response to financial stress  |
| f14b37d    | wv14 uas239 advice:: successfulness of response to financial stress  |
| f15b37d    | wv15 uas460 advice:: successfulness of response to financial stress  |
| f12b38     | wv12 uas18 advice:: financial stress advisor - MULT RESP COMBO       |
| f13b38     | wv13 uas119 advice:: financial stress advisor - MULT RESP COMBO      |
| f14b38     | wv14 uas239 advice:: financial stress advisor - MULT RESP COMBO      |
| f15b38     | wv15 uas460 advice:: financial stress advisor - MULT RESP COMBO      |
| f12b38s1   | wv12 uas18 advice:: financial stress advisor - didnt ask for advice  |
| f13b38s1   | wv13 uas119 advice:: financial stress advisor - didnt ask for advice |
| f14b38s1   | wv14 uas239 advice:: financial stress advisor - didnt ask for advice |
| f15b38s1   | wv15 uas460 advice:: financial stress advisor - didnt ask for advice |
| f12b38s2   | wv12 uas18 advice:: financial stress advisor - other family member   |
| f13b38s2   | wv13 uas119 advice:: financial stress advisor - other family member  |
| f14b38s2   | wv14 uas239 advice:: financial stress advisor - other family member  |
| f15b38s2   | wv15 uas460 advice:: financial stress advisor - other family member  |
| f12b38s3   | wv12 uas18 advice:: financial stress advisor - non-family caregiver  |
| f13b38s3   | wv13 uas119 advice:: financial stress advisor - non-family caregiver |
| f14b38s3   | wv14 uas239 advice:: financial stress advisor - non-family caregiver |
| f15b38s3   | wv15 uas460 advice:: financial stress advisor - non-family caregiver |
| f12b38s4   | wv12 uas18 advice:: financial stress advisor - banker                |

| f13b38s4  | wv13 uas119 advice:: financial stress advisor - banker                          |
|-----------|---|
| f14b38s4  | wv14 uas239 advice:: financial stress advisor - banker                          |
| f15b38s4  | wv15 uas460 advice:: financial stress advisor - banker                          |
| f12b38s5  | wv12 uas18 advice:: financial stress advisor - financial advisor                |
| f13b38s5  | wv13 uas119 advice:: financial stress advisor - financial advisor               |
| f14b38s5  | wv14 uas239 advice:: financial stress advisor - financial advisor               |
| f15b38s5  | wv15 uas460 advice:: financial stress advisor - financial advisor               |
| f12b38s6  | wv12 uas18 advice:: financial stress advisor - attorney                         |
| f13b38s6  | wv13 uas119 advice:: financial stress advisor - attorney                        |
| f14b38s6  | wv14 uas239 advice:: financial stress advisor - attorney                        |
| f15b38s6  | wv15 uas460 advice:: financial stress advisor - attorney                        |
| f12b38s7  | wv12 uas18 advice:: financial stress advisor - friend                           |
| f13b38s7  | wv13 uas119 advice:: financial stress advisor - friend                          |
| f14b38s7  | wv14 uas239 advice:: financial stress advisor - friend                          |
| f15b38s7  | wv15 uas460 advice:: financial stress advisor - friend                          |
| f12b38s8  | wv12 uas18 advice:: financial stress advisor - community grp/counseling agency  |
| f13b38s8  | wv13 uas119 advice:: financial stress advisor - community grp/counseling agency |
| f14b38s8  | wv14 uas239 advice:: financial stress advisor - community grp/counseling agency |
| f15b38s8  | wv15 uas460 advice:: financial stress advisor - community grp/counseling agency |
| f12b38s9  | wv12 uas18 advice:: financial stress advisor - accountant                       |
| f13b38s9  | wv13 uas119 advice:: financial stress advisor - accountant                      |
| f14b38s9  | wv14 uas239 advice:: financial stress advisor - accountant                      |
| f15b38s9  | wv15 uas460 advice:: financial stress advisor - accountant                      |
| f12b38s10 | wv12 uas18 advice:: financial stress advisor - other                            |
| f13b38s10 | wv13 uas119 advice:: financial stress advisor - other                           |
| f14b38s10 | wv14 uas239 advice:: financial stress advisor - other                           |
| f15b38s10 | wv15 uas460 advice:: financial stress advisor - other                           |
| f12b38b   | wv12 uas18 advice:: usefulness of advice  |
| f13b38b   | wv13 uas119 advice:: usefulness of advice                                       |
| f14b38b   | wv14 uas239 advice:: usefulness of advice                                       |

| f15b38b  | wv15 uas460 advice:: usefulness of advice                           |
|----------|---|
| f12b39   | wv12 uas18 advice:: retired or did retirement planning, last 3 yrs  |
| f13b39   | wv13 uas119 advice:: retired or did retirement planning, last 3 yrs |
| f14b39   | wv14 uas239 advice:: retired or did retirement planning, last 3 yrs |
| f15b39   | wv15 uas460 advice:: retired or did retirement planning, last 3 yrs |
| f12b40   | wv12 uas18 advice:: retirement advisor - MULT RESP COMBO            |
| f13b40   | wv13 uas119 advice:: retirement advisor - MULT RESP COMBO           |
| f14b40   | wv14 uas239 advice:: retirement advisor - MULT RESP COMBO           |
| f15b40   | wv15 uas460 advice:: retirement advisor - MULT RESP COMBO           |
| f12b40s1 | wv12 uas18 advice:: retirement advisor - didnt ask for advice       |
| f13b40s1 | wv13 uas119 advice:: retirement advisor - didnt ask for advice      |
| f14b40s1 | wv14 uas239 advice:: retirement advisor - didnt ask for advice      |
| f15b40s1 | wv15 uas460 advice:: retirement advisor - didnt ask for advice      |
| f12b40s2 | wv12 uas18 advice:: retirement advisor - spouse                     |
| f13b40s2 | wv13 uas119 advice:: retirement advisor - spouse                    |
| f14b40s2 | wv14 uas239 advice:: retirement advisor - spouse                    |
| f15b40s2 | wv15 uas460 advice:: retirement advisor - spouse                    |
| f12b40s3 | wv12 uas18 advice:: retirement advisor - other family member        |
| f13b40s3 | wv13 uas119 advice:: retirement advisor - other family member       |
| f14b40s3 | wv14 uas239 advice:: retirement advisor - other family member       |
| f15b40s3 | wv15 uas460 advice:: retirement advisor - other family member       |
| f12b40s4 | wv12 uas18 advice:: retirement advisor - non-family caregovier      |
| f13b40s4 | wv13 uas119 advice:: retirement advisor - non-family caregovier     |
| f14b40s4 | wv14 uas239 advice:: retirement advisor - non-family caregovier     |
| f15b40s4 | wv15 uas460 advice:: retirement advisor - non-family caregovier     |
| f12b40s5 | wv12 uas18 advice:: retirement advisor - employer                   |
| f13b40s5 | wv13 uas119 advice:: retirement advisor - employer                  |
| f14b40s5 | wv14 uas239 advice:: retirement advisor - employer                  |
| f15b40s5 | wv15 uas460 advice:: retirement advisor - employer                  |
| f12b40s6 | wv12 uas18 advice:: retirement advisor - banker                     |

| f13b40s6  | wv13 uas119 advice:: retirement advisor - banker                             |
|-----------|--|
| f14b40s6  | wv14 uas239 advice:: retirement advisor - banker                             |
| f15b40s6  | wv15 uas460 advice:: retirement advisor - banker                             |
| f12b40s7  | wv12 uas18 advice:: retirement advisor - financial advisor                   |
| f13b40s7  | wv13 uas119 advice:: retirement advisor - financial advisor                  |
| f14b40s7  | wv14 uas239 advice:: retirement advisor - financial advisor                  |
| f15b40s7  | wv15 uas460 advice:: retirement advisor - financial advisor                  |
| f12b40s8  | wv12 uas18 advice:: retirement advisor - attorney                            |
| f13b40s8  | wv13 uas119 advice:: retirement advisor - attorney                           |
| f14b40s8  | wv14 uas239 advice:: retirement advisor - attorney                           |
| f15b40s8  | wv15 uas460 advice:: retirement advisor - attorney                           |
| f12b40s9  | wv12 uas18 advice:: retirement advisor - friend                              |
| f13b40s9  | wv13 uas119 advice:: retirement advisor - friend                             |
| f14b40s9  | wv14 uas239 advice:: retirement advisor - friend                             |
| f15b40s9  | wv15 uas460 advice:: retirement advisor - friend                             |
| f12b40s10 | wv12 uas18 advice:: retirement advisor - community group/counseling agency   |
| f13b40s10 | wv13 uas119 advice:: retirement advisor - community group/counseling agency  |
| f14b40s10 | wv14 uas239 advice:: retirement advisor - community group/counseling agency  |
| f15b40s10 | wv15 uas460 advice:: retirement advisor - community group/counseling agency  |
| f12b40s11 | wv12 uas18 advice:: retirement advisor - other                               |
| f13b40s11 | wv13 uas119 advice:: retirement advisor - other                              |
| f14b40s11 | wv14 uas239 advice:: retirement advisor - other                              |
| f15b40s11 | wv15 uas460 advice:: retirement advisor - other                              |
| f12b40a   | wv12 uas18 advice:: did r determine if have/had enough money for retirement  |
| f13b40a   | wv13 uas119 advice:: did r determine if have/had enough money for retirement |
| f14b40a   | wv14 uas239 advice:: did r determine if have/had enough money for retirement |
| f15b40a   | wv15 uas460 advice:: did r determine if have/had enough money for retirement |
| f12b40b   | wv12 uas18 advice:: plan for having enough at retir - MULT RESP COMBO        |
| f13b40b   | wv13 uas119 advice:: plan for having enough at retir - MULT RESP COMBO       |
| f14b40b   | wv14 uas239 advice:: plan for having enough at retir - MULT RESP COMBO       |

| f15b40b   | wv15 uas460 advice:: plan for having enough at retir - MULT RESP COMBO         |
|-----------|--|
| f12b40bs1 | wv12 uas18 advice:: plan for having enough at retir - cut expenses             |
| f13b40bs1 | wv13 uas119 advice:: plan for having enough at retir - cut expenses            |
| f14b40bs1 | wv14 uas239 advice:: plan for having enough at retir - cut expenses            |
| f15b40bs1 | wv15 uas460 advice:: plan for having enough at retir - cut expenses            |
| f12b40bs2 | wv12 uas18 advice:: plan for having enough at retir - work longer              |
| f13b40bs2 | wv13 uas119 advice:: plan for having enough at retir - work longer             |
| f14b40bs2 | wv14 uas239 advice:: plan for having enough at retir - work longer             |
| f15b40bs2 | wv15 uas460 advice:: plan for having enough at retir - work longer             |
| f12b40bs3 | wv12 uas18 advice:: plan for having enough at retir - downsize                 |
| f13b40bs3 | wv13 uas119 advice:: plan for having enough at retir - downsize                |
| f14b40bs3 | wv14 uas239 advice:: plan for having enough at retir - downsize                |
| f15b40bs3 | wv15 uas460 advice:: plan for having enough at retir - downsize                |
| f12b40bs4 | wv12 uas18 advice:: plan for having enough at retir - increase my savings      |
| f13b40bs4 | wv13 uas119 advice:: plan for having enough at retir - increase my savings     |
| f14b40bs4 | wv14 uas239 advice:: plan for having enough at retir - increase my savings     |
| f15b40bs4 | wv15 uas460 advice:: plan for having enough at retir - increase my savings     |
| f12b40bs5 | wv12 uas18 advice:: plan for having enough at retir - delay social security    |
| f13b40bs5 | wv13 uas119 advice:: plan for having enough at retir - delay social security   |
| f14b40bs5 | wv14 uas239 advice:: plan for having enough at retir - delay social security   |
| f15b40bs5 | wv15 uas460 advice:: plan for having enough at retir - delay social security   |
| f12b40bs6 | wv12 uas18 advice:: plan for having enough at retir - retire & work part time  |
| f13b40bs6 | wv13 uas119 advice:: plan for having enough at retir - retire & work part time |
| f14b40bs6 | wv14 uas239 advice:: plan for having enough at retir - retire & work part time |
| f15b40bs6 | wv15 uas460 advice:: plan for having enough at retir - retire & work part time |
| f12b40bs7 | wv12 uas18 advice:: plan for having enough at retir - other                    |
| f13b40bs7 | wv13 uas119 advice:: plan for having enough at retir - other                   |
| f14b40bs7 | wv14 uas239 advice:: plan for having enough at retir - other                   |
| f15b40bs7 | wv15 uas460 advice:: plan for having enough at retir - other                   |
| f12b40b2  | wv12 uas18 advice:: important time period for saving                           |

| f13b40b2  | wv13 uas119 advice:: important time period for saving                           |
|-----------|---|
| f14b40b2  | wv14 uas239 advice:: important time period for saving                           |
| f15b40b2  | wv15 uas460 advice:: important time period for saving                           |
| f12b40c   | wv12 uas18 advice:: important time period for retirement                        |
| f13b40c   | wv13 uas119 advice:: important time period for retirement                       |
| f14b40c   | wv14 uas239 advice:: important time period for retirement                       |
| f15b40c   | wv15 uas460 advice:: important time period for retirement                       |
| f12b40d   | wv12 uas18 advice:: retir planning includes - MULT RESP COMBO                   |
| f13b40d   | wv13 uas119 advice:: retir planning includes - MULT RESP COMBO                  |
| f14b40d   | wv14 uas239 advice:: retir planning includes - MULT RESP COMBO                  |
| f15b40d   | wv15 uas460 advice:: retir planning includes - MULT RESP COMBO                  |
| f12b40ds1 | wv12 uas18 advice:: retir planning includes - ability to pay bills longer term  |
| f13b40ds1 | wv13 uas119 advice:: retir planning includes - ability to pay bills longer term |
| f14b40ds1 | wv14 uas239 advice:: retir planning includes - ability to pay bills longer term |
| f15b40ds1 | wv15 uas460 advice:: retir planning includes - ability to pay bills longer term |
| f12b40ds2 | wv12 uas18 advice:: retir planning includes - how inflation to increas expenses |
| f13b40ds2 | wv13 uas119 advice:: retir planning includes - how inflation to increas expense |
| f14b40ds2 | wv14 uas239 advice:: retir planning includes - how inflation to increas expense |
| f15b40ds2 | wv15 uas460 advice:: retir planning includes - how inflation to increas expense |
| f12b40ds3 | wv12 uas18 advice:: retir planning includes - support for sp after your death   |
| f13b40ds3 | wv13 uas119 advice:: retir planning includes - support for sp after your death  |
| f14b40ds3 | wv14 uas239 advice:: retir planning includes - support for sp after your death  |
| f15b40ds3 | wv15 uas460 advice:: retir planning includes - support for sp after your death  |
| f12b40ds4 | wv12 uas18 advice:: retir planning includes - coping with a major illness       |
| f13b40ds4 | wv13 uas119 advice:: retir planning includes - coping with a major illness      |
| f14b40ds4 | wv14 uas239 advice:: retir planning includes - coping with a major illness      |
| f15b40ds4 | wv15 uas460 advice:: retir planning includes - coping with a major illness      |
| f12b40ds5 | wv12 uas18 advice:: retir planning includes - coping w long stay in nurs home   |
| f13b40ds5 | wv13 uas119 advice:: retir planning includes - coping w long stay in nurs home  |
| f14b40ds5 | wv14 uas239 advice:: retir planning includes - coping w long stay in nurs home  |

| f15b40ds5 | wv15 uas460 advice:: retir planning includes - coping w long stay in nurs home  |
|-----------|---|
| f12b40ds6 | wv12 uas18 advice:: retir planning includes - none of the above                 |
| f13b40ds6 | wv13 uas119 advice:: retir planning includes - none of the above                |
| f14b40ds6 | wv14 uas239 advice:: retir planning includes - none of the above                |
| f15b40ds6 | wv15 uas460 advice:: retir planning includes - none of the above                |
| f12b40e   | wv12 uas18 advice:: how problematic if lose job before expected retirement      |
| f13b40e   | wv13 uas119 advice:: how problematic if lose job before expected retirement     |
| f14b40e   | wv14 uas239 advice:: how problematic if lose job before expected retirement     |
| f15b40e   | wv15 uas460 advice:: how problematic if lose job before expected retirement     |
| f12b41    | wv12 uas18 advice:: amount of money mgmt help now compared with amnt 3 yrs ago  |
| f13b41    | wv13 uas119 advice:: amount of money mgmt help now compared with amnt 3 yrs ago |
| f14b41    | wv14 uas239 advice:: amount of money mgmt help now compared with amnt 3 yrs ago |
| f15b41    | wv15 uas460 advice:: amount of money mgmt help now compared with amnt 3 yrs ago |
| f12b42    | wv12 uas18 advice:: amnt of bill payment help now compared with amnt 3 yrs ago  |
| f13b42    | wv13 uas119 advice:: amnt of bill payment help now compared with amnt 3 yrs ago |
| f14b42    | wv14 uas239 advice:: amnt of bill payment help now compared with amnt 3 yrs ago |
| f15b42    | wv15 uas460 advice:: amnt of bill payment help now compared with amnt 3 yrs ago |
| f12b42a   | wv12 uas18 advice:: r named someone to decide health care needs if r is unable  |
| f13b42a   | wv13 uas119 advice:: r named someone to decide health care needs if r is unable |
| f14b42a   | wv14 uas239 advice:: r named someone to decide health care needs if r is unable |
| f15b42a   | wv15 uas460 advice:: r named someone to decide health care needs if r is unable |
| f12b42b   | wv12 uas18 advice:: made plans for long term care                               |
| f13b42b   | wv13 uas119 advice:: made plans for long term care                              |
| f14b42b   | wv14 uas239 advice:: made plans for long term care                              |
| f15b42b   | wv15 uas460 advice:: made plans for long term care                              |
| f12b42c   | wv12 uas18 advice:: long term care plan - MULT RESP COMBO                       |
| f13b42c   | wv13 uas119 advice:: long term care plan - MULT RESP COMBO                      |
| f14b42c   | wv14 uas239 advice:: long term care plan - MULT RESP COMBO                      |
| f15b42c   | wv15 uas460 advice:: long term care plan - MULT RESP COMBO                      |
| f12b42cs1 | wv12 uas18 advice:: long term care plan - named a caregiver                     |

| f13b42cs1 | wv13 uas119 advice:: long term care plan - named a caregiver                    |
|-----------|---|
| f14b42cs1 | wv14 uas239 advice:: long term care plan - named a caregiver                    |
| f15b42cs1 | wv15 uas460 advice:: long term care plan - named a caregiver                    |
| f12b42cs2 | wv12 uas18 advice:: long term care plan - selected a facility                   |
| f13b42cs2 | wv13 uas119 advice:: long term care plan - selected a facility                  |
| f14b42cs2 | wv14 uas239 advice:: long term care plan - selected a facility                  |
| f15b42cs2 | wv15 uas460 advice:: long term care plan - selected a facility                  |
| f12b42cs3 | wv12 uas18 advice:: long term care plan - purchased long term care insurance    |
| f13b42cs3 | wv13 uas119 advice:: long term care plan - purchased long term care insurance   |
| f14b42cs3 | wv14 uas239 advice:: long term care plan - purchased long term care insurance   |
| f15b42cs3 | wv15 uas460 advice:: long term care plan - purchased long term care insurance   |
| f12b42cs4 | wv12 uas18 advice:: long term care plan - moved continuing care retir community |
| f13b42cs4 | wv13 uas119 advice:: long term care plan - moved continuing care retir communty |
| f14b42cs4 | wv14 uas239 advice:: long term care plan - moved continuing care retir communty |
| f15b42cs4 | wv15 uas460 advice:: long term care plan - moved continuing care retir communty |
| f12b42cs5 | wv12 uas18 advice:: long term care plan - selected/modified home to aid care    |
| f13b42cs5 | wv13 uas119 advice:: long term care plan - selected/modified home to aid care   |
| f14b42cs5 | wv14 uas239 advice:: long term care plan - selected/modified home to aid care   |
| f15b42cs5 | wv15 uas460 advice:: long term care plan - selected/modified home to aid care   |
| f12b42cs6 | wv12 uas18 advice:: long term care plan - preserved assets to provide funds     |
| f13b42cs6 | wv13 uas119 advice:: long term care plan - preserved assets to provide funds    |
| f14b42cs6 | wv14 uas239 advice:: long term care plan - preserved assets to provide funds    |
| f15b42cs6 | wv15 uas460 advice:: long term care plan - preserved assets to provide funds    |
| f12b42cs7 | wv12 uas18 advice:: long term care plan - borrow the value of house or sell it  |
| f13b42cs7 | wv13 uas119 advice:: long term care plan - borrow the value of house or sell it |
| f14b42cs7 | wv14 uas239 advice:: long term care plan - borrow the value of house or sell it |
| f15b42cs7 | wv15 uas460 advice:: long term care plan - borrow the value of house or sell it |
| f12b42cs8 | wv12 uas18 advice:: long term care plan - other                                 |
| f13b42cs8 | wv13 uas119 advice:: long term care plan - other                                |
| f14b42cs8 | wv14 uas239 advice:: long term care plan - other                                |

| f15b42cs8 | wv15 uas460 advice:: long term care plan - other                                |
|-----------|---|
| f12b47    | wv12 uas18 fraud:: taken advantage of during major fncl transaction, last 3 yrs |
| f13b47    | wv13 uas119 fraud:: taken advntage of during major fncl transaction, last 3 yrs |
| f14b47    | wv14 uas239 fraud:: taken advntage of during major fncl transaction, last 3 yrs |
| f15b47    | wv15 uas460 fraud:: taken advntage of during major fncl transaction, last 3 yrs |
| f12b48    | wv12 uas18 fraud:: how exploited, last 3 yrs - MULT RESP COMBO                  |
| f13b48    | wv13 uas119 fraud:: how exploited, last 3 yrs - MULT RESP COMBO                 |
| f14b48    | wv14 uas239 fraud:: how exploited, last 3 yrs - MULT RESP COMBO                 |
| f15b48    | wv15 uas460 fraud:: how exploited, last 3 yrs - MULT RESP COMBO                 |
| f12b48s1  | wv12 uas18 fraud:: how exploited, last 3 yrs - unclear terms of the transaction |
| f13b48s1  | wv13 uas119 fraud:: how exploited, last 3 yrs - unclear terms of transaction    |
| f14b48s1  | wv14 uas239 fraud:: how exploited, last 3 yrs - unclear terms of transaction    |
| f15b48s1  | wv15 uas460 fraud:: how exploited, last 3 yrs - unclear terms of transaction    |
| f12b48s2  | wv12 uas18 fraud:: how exploited, last 3 yrs - undisclosed fees                 |
| f13b48s2  | wv13 uas119 fraud:: how exploited, last 3 yrs - undisclosed fees                |
| f14b48s2  | wv14 uas239 fraud:: how exploited, last 3 yrs - undisclosed fees                |
| f15b48s2  | wv15 uas460 fraud:: how exploited, last 3 yrs - undisclosed fees                |
| f12b48s3  | wv12 uas18 fraud:: how exploited, last 3 yrs - price higher than was told       |
| f13b48s3  | wv13 uas119 fraud:: how exploited, last 3 yrs - price higher than was told      |
| f14b48s3  | wv14 uas239 fraud:: how exploited, last 3 yrs - price higher than was told      |
| f15b48s3  | wv15 uas460 fraud:: how exploited, last 3 yrs - price higher than was told      |
| f12b48s4  | wv12 uas18 fraud:: how exploited, last 3 yrs - less prodct/servce than purchase |
| f13b48s4  | wv13 uas119 fraud:: how exploited, last 3 yrs - less prodct/servce than purch   |
| f14b48s4  | wv14 uas239 fraud:: how exploited, last 3 yrs - less prodct/servce than purch   |
| f15b48s4  | wv15 uas460 fraud:: how exploited, last 3 yrs - less prodct/servce than purch   |
| f12b48s5  | wv12 uas18 fraud:: how exploited, last 3 yrs - steered to product did not need  |
| f13b48s5  | wv13 uas119 fraud:: how exploited, last 3 yrs - steered to product did not need |
| f14b48s5  | wv14 uas239 fraud:: how exploited, last 3 yrs - steered to product did not need |
| f15b48s5  | wv15 uas460 fraud:: how exploited, last 3 yrs - steered to product did not need |
| f12b48s6  | wv12 uas18 fraud:: how exploited, last 3 yrs - sold oth products not need/want  |

| f13b48s6  | wv13 uas119 fraud:: how exploited, last 3 yrs - sold oth products not need/want |
|-----------|---|
| f14b48s6  | wv14 uas239 fraud:: how exploited, last 3 yrs - sold oth products not need/want |
| f15b48s6  | wv15 uas460 fraud:: how exploited, last 3 yrs - sold oth products not need/want |
| f12b48s7  | wv12 uas18 fraud:: how exploited, last 3 yrs - money was misued used by helper  |
| f13b48s7  | wv13 uas119 fraud:: how exploited, last 3 yrs - money was misued used by helper |
| f14b48s7  | wv14 uas239 fraud:: how exploited, last 3 yrs - money was misued used by helper |
| f15b48s7  | wv15 uas460 fraud:: how exploited, last 3 yrs - money was misued used by helper |
| f12b48s8  | wv12 uas18 fraud:: how exploited, last 3 yrs - other                            |
| f13b48s8  | wv13 uas119 fraud:: how exploited, last 3 yrs - other                           |
| f14b48s8  | wv14 uas239 fraud:: how exploited, last 3 yrs - other                           |
| f15b48s8  | wv15 uas460 fraud:: how exploited, last 3 yrs - other                           |
| f12b48a   | wv12 uas18 fraud:: reported fraud event to local/state/federal agency           |
| f13b48a   | wv13 uas119 fraud:: reported fraud event to local/state/federal agency          |
| f14b48a   | wv14 uas239 fraud:: reported fraud event to local/state/federal agency          |
| f15b48a   | wv15 uas460 fraud:: reported fraud event to local/state/federal agency          |
| f12b48b   | wv12 uas18 fraud:: help with fraud event - MULT RESP COMBO                      |
| f13b48b   | wv13 uas119 fraud:: help with fraud event - MULT RESP COMBO                     |
| f14b48b   | wv14 uas239 fraud:: help with fraud event - MULT RESP COMBO                     |
| f15b48b   | wv15 uas460 fraud:: help with fraud event - MULT RESP COMBO                     |
| f12b48bs1 | wv12 uas18 fraud:: help with fraud event - did not receive help                 |
| f13b48bs1 | wv13 uas119 fraud:: help with fraud event - did not receive help                |
| f14b48bs1 | wv14 uas239 fraud:: help with fraud event - did not receive help                |
| f15b48bs1 | wv15 uas460 fraud:: help with fraud event - did not receive help                |
| f12b48bs2 | wv12 uas18 fraud:: help with fraud event - financial professional hired by r    |
| f13b48bs2 | wv13 uas119 fraud:: help with fraud event - financial professional hired by r   |
| f14b48bs2 | wv14 uas239 fraud:: help with fraud event - financial professional hired by r   |
| f15b48bs2 | wv15 uas460 fraud:: help with fraud event - financial professional hired by r   |
| f12b48bs3 | wv12 uas18 fraud:: help with fraud event - family                               |
| f13b48bs3 | wv13 uas119 fraud:: help with fraud event - family                              |
| f14b48bs3 | wv14 uas239 fraud:: help with fraud event - family                              |

| f15b48bs3 | wv15 uas460 fraud:: help with fraud event - family                      |
|-----------|---|
| f12b48bs4 | wv12 uas18 fraud:: help with fraud event - law enforcement              |
| f13b48bs4 | wv13 uas119 fraud:: help with fraud event - law enforcement             |
| f14b48bs4 | wv14 uas239 fraud:: help with fraud event - law enforcement             |
| f15b48bs4 | wv15 uas460 fraud:: help with fraud event - law enforcement             |
| f12b48bs5 | wv12 uas18 fraud:: help with fraud event - financial institution        |
| f13b48bs5 | wv13 uas119 fraud:: help with fraud event - financial institution       |
| f14b48bs5 | wv14 uas239 fraud:: help with fraud event - financial institution       |
| f15b48bs5 | wv15 uas460 fraud:: help with fraud event - financial institution       |
| f12b48bs6 | wv12 uas18 fraud:: help with fraud event - community organization       |
| f13b48bs6 | wv13 uas119 fraud:: help with fraud event - community organization      |
| f14b48bs6 | wv14 uas239 fraud:: help with fraud event - community organization      |
| f15b48bs6 | wv15 uas460 fraud:: help with fraud event - community organization      |
| f12b48bs7 | wv12 uas18 fraud:: help with fraud event - other state/local agency     |
| f13b48bs7 | wv13 uas119 fraud:: help with fraud event - other state or local agency |
| f14b48bs7 | wv14 uas239 fraud:: help with fraud event - other state or local agency |
| f15b48bs7 | wv15 uas460 fraud:: help with fraud event - other state or local agency |
| f12b48bs8 | wv12 uas18 fraud:: help with fraud event - a federal agency             |
| f13b48bs8 | wv13 uas119 fraud:: help with fraud event - a federal agency            |
| f14b48bs8 | wv14 uas239 fraud:: help with fraud event - a federal agency            |
| f15b48bs8 | wv15 uas460 fraud:: help with fraud event - a federal agency            |
| f12b48bs9 | wv12 uas18 fraud:: help with fraud event - other                        |
| f13b48bs9 | wv13 uas119 fraud:: help with fraud event - other                       |
| f14b48bs9 | wv14 uas239 fraud:: help with fraud event - other                       |
| f15b48bs9 | wv15 uas460 fraud:: help with fraud event - other                       |
| f12b49    | wv12 uas18 fraud:: regretted major financial transaction, last 3 yrs    |
| f13b49    | wv13 uas119 fraud:: regretted major financial transaction, last 3 yrs   |
| f14b49    | wv14 uas239 fraud:: regretted major financial transaction, last 3 yrs   |
| f15b49    | wv15 uas460 fraud:: regretted major financial transaction, last 3 yrs   |
| f12b49a   | wv12 uas18 fraud:: why regret transaction - MULT RESP COMBO             |

| f13b49a   | wv13 uas119 fraud:: why regret transaction - MULT RESP COMBO                   |
|-----------|--|
| f14b49a   | wv14 uas239 fraud:: why regret transaction - MULT RESP COMBO                   |
| f15b49a   | wv15 uas460 fraud:: why regret transaction - MULT RESP COMBO                   |
| f12b49as1 | wv12 uas18 fraud:: why regret transaction - could not afford product/service   |
| f13b49as1 | wv13 uas119 fraud:: why regret transaction - could not afford product/service  |
| f14b49as1 | wv14 uas239 fraud:: why regret transaction - could not afford product/service  |
| f15b49as1 | wv15 uas460 fraud:: why regret transaction - could not afford product/service  |
| f12b49as2 | wv12 uas18 fraud:: why regret transaction - paid more than should have         |
| f13b49as2 | wv13 uas119 fraud:: why regret transaction - paid more than should have        |
| f14b49as2 | wv14 uas239 fraud:: why regret transaction - paid more than should have        |
| f15b49as2 | wv15 uas460 fraud:: why regret transaction - paid more than should have        |
| f12b49as3 | wv12 uas18 fraud:: why regret transaction - did not need product/service       |
| f13b49as3 | wv13 uas119 fraud:: why regret transaction - did not need product/service      |
| f14b49as3 | wv14 uas239 fraud:: why regret transaction - did not need product/service      |
| f15b49as3 | wv15 uas460 fraud:: why regret transaction - did not need product/service      |
| f12b49as4 | wv12 uas18 fraud:: why regret transaction - responded to a strong sales pitch  |
| f13b49as4 | wv13 uas119 fraud:: why regret transaction - responded to a strong sales pitch |
| f14b49as4 | wv14 uas239 fraud:: why regret transaction - responded to a strong sales pitch |
| f15b49as4 | wv15 uas460 fraud:: why regret transaction - responded to a strong sales pitch |
| f12b49as5 | wv12 uas18 fraud:: why regret transaction - for someone else & now regret      |
| f13b49as5 | wv13 uas119 fraud:: why regret transaction - for someone else & now regret     |
| f14b49as5 | wv14 uas239 fraud:: why regret transaction - for someone else & now regret     |
| f15b49as5 | wv15 uas460 fraud:: why regret transaction - for someone else & now regret     |
| f12b49as6 | wv12 uas18 fraud:: why regret transaction - other                              |
| f13b49as6 | wv13 uas119 fraud:: why regret transaction - other                             |
| f14b49as6 | wv14 uas239 fraud:: why regret transaction - other                             |
| f15b49as6 | wv15 uas460 fraud:: why regret transaction - other                             |
| f12b50    | wv12 uas18 fraud:: major fncltransaction that was not understood, last 3 yrs   |
| f13b50    | wv13 uas119 fraud:: major fncltransaction that was not understood, last 3 yrs  |
| f14b50    | wv14 uas239 fraud:: major fncltransaction that was not understood, last 3 yrs  |

| f15b50   | wv15 uas460 fraud:: major fncltransaction that was not understood, last 3 yrs   |
|----------|---|
| f12b51   | wv12 uas18 fraud:: part of transaction not understood - MULT RESP COMBO         |
| f13b51   | wv13 uas119 fraud:: part of transaction not understood - MULT RESP COMBO        |
| f14b51   | wv14 uas239 fraud:: part of transaction not understood - MULT RESP COMBO        |
| f15b51   | wv15 uas460 fraud:: part of transaction not understood - MULT RESP COMBO        |
| f12b51s1 | wv12 uas18 fraud:: part of transaction not understood - how much it would cost  |
| f13b51s1 | wv13 uas119 fraud:: part of transaction not understood - how much it would cost |
| f14b51s1 | wv14 uas239 fraud:: part of transaction not understood - how much it would cost |
| f15b51s1 | wv15 uas460 fraud:: part of transaction not understood - how much it would cost |
| f12b51s2 | wv12 uas18 fraud:: part of transaction not understood - fees to be charged      |
| f13b51s2 | wv13 uas119 fraud:: part of transaction not understood - fees to be charged     |
| f14b51s2 | wv14 uas239 fraud:: part of transaction not understood - fees to be charged     |
| f15b51s2 | wv15 uas460 fraud:: part of transaction not understood - fees to be charged     |
| f12b51s3 | wv12 uas18 fraud:: part of transaction not understood - what it requir r to do  |
| f13b51s3 | wv13 uas119 fraud:: part of transaction not understood - what it requir r to do |
| f14b51s3 | wv14 uas239 fraud:: part of transaction not understood - what it requir r to do |
| f15b51s3 | wv15 uas460 fraud:: part of transaction not understood - what it requir r to do |
| f12b51s4 | wv12 uas18 fraud:: part of transaction not understood - other                   |
| f13b51s4 | wv13 uas119 fraud:: part of transaction not understood - other                  |
| f14b51s4 | wv14 uas239 fraud:: part of transaction not understood - other                  |
| f15b51s4 | wv15 uas460 fraud:: part of transaction not understood - other                  |
| f12b52   | wv12 uas18 confidence:: ability to make financial decisions now vs. 5 yrs ago   |
| f13b52   | wv13 uas119 confidence:: ability to make financial decisions now vs. 5 yrs ago  |
| f14b52   | wv14 uas239 confidence:: ability to make financial decisions now vs. 5 yrs ago  |
| f15b52   | wv15 uas460 confidence:: ability to make financial decisions now vs. 5 yrs ago  |
| f12b53   | wv12 uas18 confidence:: action type taken towards authorizing power of attorney |
| f13b53   | wv13 uas119 confidence:: action type taken toward authorizing power of attorney |
| f14b53   | wv14 uas239 confidence:: action type taken toward authorizing power of attorney |
| f15b53   | wv15 uas460 confidence:: action type taken toward authorizing power of attorney |
| f12b54   | wv12 uas18 confidence:: power of attorneys relationship to r                    |

| f13b54_ans13 | wv13 uas119 confidence:: <wv13 ans="" change=""> power of attorneys relationship to r</wv13> |
|--------------|--|
| f14b54_ans13 | wv14 uas239 confidence:: <wv13 ans="" change=""> power of attorneys relationship to r</wv13> |
| f15b54_ans13 | wv15 uas460 confidence:: <wv13 ans="" change=""> power of attorneys relationship to r</wv13> |
| f13b54a      | wv13 uas119 confidence:: planned power attorneys relationship to r                           |
| f14b54a      | wv14 uas239 confidence:: planned power attorneys relationship to r                           |
| f15b54a      | wv15 uas460 confidence:: planned power attorneys relationship to r                           |
| f13re001     | wv13 uas119 reverse mort2:: how likely r will take out                                       |
| f14re001     | wv14 uas239 reverse mort2:: how likely r will take out                                       |
| f15re001     | wv15 uas460 reverse mort2:: how likely r will take out                                       |
| f13re002     | wv13 uas119 reverse mort2:: agreement that a rev mort is a good deal                         |
| f14re002     | wv14 uas239 reverse mort2:: agreement that a rev mort is a good deal                         |
| f15re002     | wv15 uas460 reverse mort2:: agreement that a rev mort is a good deal                         |
| f13re003     | wv13 uas119 reverse mort2:: r knows someone who has one                                      |
| f14re003     | wv14 uas239 reverse mort2:: r knows someone who has one                                      |
| f15re003     | wv15 uas460 reverse mort2:: r knows someone who has one                                      |
| f13re004     | wv13 uas119 reverse mort2:: agreement that a rev mort is a complex product                   |
| f14re004     | wv14 uas239 reverse mort2:: agreement that a rev mort is a complex product                   |
| f15re004     | wv15 uas460 reverse mort2:: agreement that a rev mort is a complex product                   |
| f13re005     | wv13 uas119 reverse mort2:: extent to which r wants to leave an inheritance                  |
| f14re005     | wv14 uas239 reverse mort2:: extent to which r wants to leave an inheritance                  |
| f15re005     | wv15 uas460 reverse mort2:: extent to which r wants to leave an inheritance                  |
| f13re006     | wv13 uas119 reverse mort2:: enables withdrawing wealth from home                             |
| f14re006     | wv14 uas239 reverse mort2:: enables withdrawing wealth from home                             |
| f15re006     | wv15 uas460 reverse mort2:: enables withdrawing wealth from home                             |
| f13re007     | wv13 uas119 reverse mort2:: can use to repay existing mort & become debt free                |
| f14re007     | wv14 uas239 reverse mort2:: can use to repay existing mort & become debt free                |
| f15re007     | wv15 uas460 reverse mort2:: can use to repay existing mort & become debt free                |
| f13re008     | wv13 uas119 reverse mort2:: credit history & income are checked when applying                |
| f14re008     | wv14 uas239 reverse mort2:: credit history & income are checked when applying                |
| f15re008     | wv15 uas460 reverse mort2:: credit history & income are checked when applying                |

| f13re009   | wv13 uas119 reverse mort2:: loan balance grows    stays constant    shrinks   |
|------------|---|
| f14re009   | wv14 uas239 reverse mort2:: loan balance grows    stays constant    shrinks   |
| f15re009   | wv15 uas460 reverse mort2:: loan balance grows    stays constant    shrinks   |
| f13re010   | wv13 uas119 reverse mort2:: do not have to move out when balance > home value |
| f14re010   | wv14 uas239 reverse mort2:: do not have to move out when balance > home value |
| f15re010   | wv15 uas460 reverse mort2:: do not have to move out when balance > home value |
| f13re011   | wv13 uas119 reverse mort2:: age when eligible for a rev mort                  |
| f14re011   | wv14 uas239 reverse mort2:: age when eligible for a rev mort                  |
| f15re011   | wv15 uas460 reverse mort2:: age when eligible for a rev mort                  |
| f13re012   | wv13 uas119 reverse mort2:: when interest payments are made                   |
| f14re012   | wv14 uas239 reverse mort2:: when interest payments are made                   |
| f15re012   | wv15 uas460 reverse mort2:: when interest payments are made                   |
| f13re013   | wv13 uas119 reverse mort2:: can be forced to pay it off with other assets     |
| f14re013   | wv14 uas239 reverse mort2:: can be forced to pay it off with other assets     |
| f15re013   | wv15 uas460 reverse mort2:: can be forced to pay it off with other assets     |
| f13re014   | wv13 uas119 reverse mort2:: foreclosure can occur when unable to pay interest |
| f14re014   | wv14 uas239 reverse mort2:: foreclosure can occur when unable to pay interest |
| f15re014   | wv15 uas460 reverse mort2:: foreclosure can occur when unable to pay interest |
| f13re015   | wv13 uas119 reverse mort2:: receive less money when interest rates are higher |
| f14re015   | wv14 uas239 reverse mort2:: receive less money when interest rates are higher |
| f15re015   | wv15 uas460 reverse mort2:: receive less money when interest rates are higher |
| f13re016   | wv13 uas119 reverse mort2:: cost of a rev mort as percentage of home value    |
| f14re016   | wv14 uas239 reverse mort2:: cost of a rev mort as percentage of home value    |
| f15re016   | wv15 uas460 reverse mort2:: cost of a rev mort as percentage of home value    |
| f13re017   | wv13 uas119 reverse mort2:: costs paid by r with rev mort - MULT RESP COMBO   |
| f14re017   | wv14 uas239 reverse mort2:: costs paid by r with rev mort - MULT RESP COMBO   |
| f15re017   | wv15 uas460 reverse mort2:: costs paid by r with rev mort - MULT RESP COMBO   |
| f13re017s1 | wv13 uas119 reverse mort2:: costs paid by r with rev mort - property taxes    |
| f14re017s1 | wv14 uas239 reverse mort2:: costs paid by r with rev mort - property taxes    |
| f15re017s1 | wv15 uas460 reverse mort2:: costs paid by r with rev mort - property taxes    |

| f13re017s2           | wv13 uas119 reverse mort2:: costs paid by r with rev mort - homeowner insurance |
|----------------------|---|
| f14re017s2           | wv14 uas239 reverse mort2:: costs paid by r with rev mort - homeowner insurance |
| f15re017s2           | wv15 uas460 reverse mort2:: costs paid by r with rev mort - homeowner insurance |
| f13re017s3           | wv13 uas119 reverse mort2:: costs paid by r w rev mort - repair & maintenance   |
| f14re017s3           | wv14 uas239 reverse mort2:: costs paid by r w rev mort - repair & maintenance   |
| f15re017s3           | wv15 uas460 reverse mort2:: costs paid by r w rev mort - repair & maintenance   |
| f13re017s4           | wv13 uas119 reverse mort2:: costs paid by r with rev mort - none of these       |
| f14re017s4           | wv14 uas239 reverse mort2:: costs paid by r with rev mort - none of these       |
| f15re017s4           | wv15 uas460 reverse mort2:: costs paid by r with rev mort - none of these       |
| f13re018             | wv13 uas119 reverse mort2:: how much a rev mort pays as lump sum to 62 yr old   |
| f14re018             | wv14 uas239 reverse mort2:: how much a rev mort pays as lump sum to 62 yr old   |
| f15re018             | wv15 uas460 reverse mort2:: how much a rev mort pays as lump sum to 62 yr old   |
| f13randomizer_kids   | wv13 uas119 reverse mort2:: re019/re020 scenario - 2 adlt kids (=1) or not (=2) |
| f14randomizer_kids   | wv14 uas239 reverse mort2:: re019/re020 scenario - 2 adlt kids (=1) or not (=2) |
| f15randomizer_kids   | wv15 uas460 reverse mort2:: re019/re020 scenario - 2 adlt kids (=1) or not (=2) |
| f13randomizer_amount | wv13 uas119 reverse mort2:: re019/re020 scnro - clos cost 300 (=1) or 1000 (2)  |
| f14randomizer_amount | wv14 uas239 reverse mort2:: re019/re020 scnro - clos cost 300 (=1) or 1000 (2)  |
| f15randomizer_amount | wv15 uas460 reverse mort2:: re019/re020 scnro - clos cost 300 (=1) or 1000 (2)  |
| f13re019             | wv13 uas119 reverse mort2:: would take out loan in scenario                     |
| f13re020             | wv13 uas119 reverse mort2:: why no loan in scenario - MULT RESP COMBO           |
| f13re020s1           | wv13 uas119 reverse mort2:: why no loan in scenario - rathr downsize/cut expens |
| f13re020s2           | wv13 uas119 reverse mort2:: why no loan in scenario - rather get a job          |
| f13re020s3           | wv13 uas119 reverse mort2:: why no loan in scenario - upfront costs too high    |
| f13re020s4           | wv13 uas119 reverse mort2:: why no loan in scenario - rather leave inheritance  |
| f13re020s5           | wv13 uas119 reverse mort2:: why no loan in scenario - no trust bank/mort broker |
| f13re020s6           | wv13 uas119 reverse mort2:: why no loan in scenario - other                     |

Table B.5 Topic I Variables included in the Comprehensive File

| Variable Name          | Variable Label   |
|------------------------|--|
| i12ch001               | wv12 uas26 retir:: retired   |
| i13ch001               | wv13 uas113 retir:: retired  |
| i14ch001               | wv15 uas459 retir:: retired  |
| i15ch001               | wv15 uas459 retir:: retired  |
| i12ch002               | wv12 uas26 retir:: have attempted to determine how much HH should save                           |
| i13ch002               | wv13 uas113 retir:: have attempted to determine how much HH should save                          |
| i14ch002               | wv15 uas459 retir:: have attempted to determine how much HH should save                          |
| i15ch002               | wv15 uas459 retir:: have attempted to determine how much HH should save                          |
| i12ch003               | wv12 uas26 retir:: have attempted to develop retir plan  |
| i13ch003               | wv13 uas113 retir:: have attempted to develop retir plan   |
| i14ch003               | wv15 uas459 retir:: have attempted to develop retir plan   |
| i15ch003               | wv15 uas459 retir:: have attempted to develop retir plan   |
| i12ch004_intro         | wv12 uas26 retir planning info sources:: used - MULT RESP COMBO                                  |
| i13ch004_intro_ans13   | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - MULT RESP COMBO</wv13>     |
| i14ch004_intro_ans13   | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - MULT RESP COMBO</wv13>     |
| i15ch004_intro_ans15   | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - MULT RESP COMBO</wv13>  |
| i12ch004_intros1       | wv12 uas26 retir planning info sources:: used - family/friends/colleagues                        |
| i13ch004_intros1_ans13 | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - fam/frnd/collgue</wv13>    |
| i14ch004_intros1_ans13 | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - fam/frnd/collgue</wv13>    |
| i15ch004_intros1_ans15 | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - fam/frnd/collgue</wv13> |
| i12ch004_intros2       | wv12 uas26 retir planning info sources:: used - employer   |
| i13ch004_intros2_ans13 | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - employer</wv13>            |
| i14ch004_intros2_ans13 | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - employer</wv13>            |
| i15ch004_intros2_ans15 | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - employer</wv13>         |
| i12ch004_intros3       | wv12 uas26 retir planning info sources:: used - media  |
| i13ch004_intros3_ans13 | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - media</wv13>               |
| i14ch004_intros3_ans13 | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - media</wv13>               |
| i15ch004_intros3_ans15 | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - media</wv13>            |

| i12ch004_intros4        | wv12 uas26 retir planning info sources:: used - SSA website                                     |
|-------------------------|---|
| i13ch004_intros4_ans13  | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - SSA</wv13>                |
| i14ch004_intros4_ans13  | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - SSA</wv13>                |
| i15ch004_intros4_ans15  | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - SSA</wv13>             |
| i12ch004_intros5        | wv12 uas26 retir planning info sources:: used - SSA office                                      |
| i12ch004_intros6        | wv12 uas26 retir planning info sources:: used - SSA mailings                                    |
| i12ch004_intros7        | wv12 uas26 retir planning info sources:: used - SSA phone line                                  |
| i12ch004_intros8        | wv12 uas26 retir planning info sources:: used - oth govt agency websites                        |
| i13ch004_intros8_ans13  | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - oth govt agency</wv13>    |
| i14ch004_intros8_ans13  | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - oth govt agency</wv13>    |
| i15ch004_intros8_ans15  | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - oth govt agency</wv13> |
| i12ch004_intros9        | wv12 uas26 retir planning info sources:: used - oth govt agency offices                         |
| i12ch004_intros10       | wv12 uas26 retir planning info sources:: used - businesses w fncl advising                      |
| i13ch004_intros10_ans13 | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - forprofit fncl</wv13>     |
| i14ch004_intros10_ans13 | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - forprofit fncl</wv13>     |
| i15ch004_intros10_ans15 | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - forprofit fncl</wv13>  |
| i12ch004_intros11       | wv12 uas26 retir planning info sources:: used - nonprofit websites                              |
| i13ch004_intros11_ans13 | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - nonprofit orgs</wv13>     |
| i14ch004_intros11_ans13 | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - nonprofit orgs</wv13>     |
| i15ch004_intros11_ans15 | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - nonprofit orgs</wv13>  |
| i12ch004_intros12       | wv12 uas26 retir planning info sources:: used - nonprofit offices                               |
| i12ch004_intros13       | wv12 uas26 retir planning info sources:: used - community orgs                                  |
| i13ch004_intros13_ans13 | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - community orgs</wv13>     |
| i14ch004_intros13_ans13 | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - community orgs</wv13>     |
| i15ch004_intros13_ans15 | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - community orgs</wv13>  |
| i12ch004_intros14       | wv12 uas26 retir planning info sources:: used - none of the above                               |
| i13ch004_intros14_ans13 | wv13 uas113 retir planning info sources:: <wv13 ans="" chg=""> used - none the above</wv13>     |
| i14ch004_intros14_ans13 | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - none the above</wv13>     |
| i15NEW15ch004_intros14  | wv15 uas459 retir planning info srcs:: <wv13 15="" ans="" chg=""> used - other internet</wv13>  |
| i15ch004_intros15       | wv15 uas459 retir planning info sources:: <wv13 ans="" chg=""> used - none the above</wv13>     |

| i13ch004_intro2   | wv13 uas113 SS info sources:: used - MULT RESP COMBO                            |
|-------------------|---|
| i14ch004_intro2   | wv15 uas459 SS info sources:: used - MULT RESP COMBO                            |
| i15ch004_intro2   | wv15 uas459 SS info sources:: used - MULT RESP COMBO                            |
| i13ch004_intro2s1 | wv13 uas113 SS info sources:: used - website                                    |
| i14ch004_intro2s1 | wv15 uas459 SS info sources:: used - website                                    |
| i15ch004_intro2s1 | wv15 uas459 SS info sources:: used - website                                    |
| i13ch004_intro2s2 | wv13 uas113 SS info sources:: used - phone line                                 |
| i14ch004_intro2s2 | wv15 uas459 SS info sources:: used - phone line                                 |
| i15ch004_intro2s2 | wv15 uas459 SS info sources:: used - phone line                                 |
| i13ch004_intro2s3 | wv13 uas113 SS info sources:: used - in-person at office                        |
| i14ch004_intro2s3 | wv15 uas459 SS info sources:: used - in-person at office                        |
| i15ch004_intro2s3 | wv15 uas459 SS info sources:: used - in-person at office                        |
| i13ch004_intro2s4 | wv13 uas113 SS info sources:: used - social media                               |
| i14ch004_intro2s4 | wv15 uas459 SS info sources:: used - social media                               |
| i15ch004_intro2s4 | wv15 uas459 SS info sources:: used - social media                               |
| i13ch004_intro2s5 | wv13 uas113 SS info sources:: used - other                                      |
| i14ch004_intro2s5 | wv15 uas459 SS info sources:: used - other                                      |
| i15ch004_intro2s5 | wv15 uas459 SS info sources:: used - other                                      |
| i13ch004_intro2a  | wv13 uas113 SS info sources:: last time on website, LT 1 mo  1-6 mo  GT 6 mo    |
| i14ch004_intro2a  | wv15 uas459 SS info sources:: last time on website, LT 1 mo  1-6 mo  GT 6 mo    |
| i15ch004_intro2a  | wv15 uas459 SS info sources:: last time on website, LT 1 mo  1-6 mo  GT 6 mo    |
| i13ch004_intro2b  | wv13 uas113 SS info sources:: how regularly use website                         |
| i14ch004_intro2b  | wv15 uas459 SS info sources:: how regularly use website                         |
| i15ch004_intro2b  | wv15 uas459 SS info sources:: how regularly use website                         |
| i12ch038_intro    | wv12 uas26 retir planning info sources:: activities - MULT RESP COMBO           |
| i13ch038_intro    | wv13 uas113 retir planning info sources:: activities - MULT RESP COMBO          |
| i14ch038_intro    | wv15 uas459 retir planning info sources:: activities - MULT RESP COMBO          |
| i15ch038_intro    | wv15 uas459 retir planning info sources:: activities - MULT RESP COMBO          |
| i12ch038_intros1  | wv12 uas26 retir planning info sources:: activities - in-person classe/seminar  |
| i13ch038_intros1  | wv13 uas113 retir planning info sources:: activities - in-person classe/seminar |

| i14ch038_intros1 | wv15 uas459 retir planning info sources:: activities - in-person classe/seminar |
|------------------|---|
| i15ch038_intros1 | wv15 uas459 retir planning info sources:: activities - in-person classe/seminar |
| i12ch038_intros2 | wv12 uas26 retir planning info sources:: activities - online classe/seminar     |
| i13ch038_intros2 | wv13 uas113 retir planning info sources:: activities - online classe/seminar    |
| i14ch038_intros2 | wv15 uas459 retir planning info sources:: activities - online classe/seminar    |
| i15ch038_intros2 | wv15 uas459 retir planning info sources:: activities - online classe/seminar    |
| i12ch038_intros3 | wv12 uas26 retir planning info sources:: activities - sched one-on-one meeting  |
| i13ch038_intros3 | wv13 uas113 retir planning info sources:: activities - sched one-on-one meeting |
| i14ch038_intros3 | wv15 uas459 retir planning info sources:: activities - sched one-on-one meeting |
| i15ch038_intros3 | wv15 uas459 retir planning info sources:: activities - sched one-on-one meeting |
| i12ch038_intros4 | wv12 uas26 retir planning info sources:: activities - none of the above         |
| i13ch038_intros4 | wv13 uas113 retir planning info sources:: activities - none of the above        |
| i14ch038_intros4 | wv15 uas459 retir planning info sources:: activities - none of the above        |
| i15ch038_intros4 | wv15 uas459 retir planning info sources:: activities - none of the above        |
| i12ch041a        | wv12 uas26 retir planning info sources:: usefulness, family/friends/colleagues  |
| i13ch041a        | wv13 uas113 retir planning info sources:: usefulness, family/friends/colleagues |
| i14ch041a        | wv15 uas459 retir planning info sources:: usefulness, family/friends/colleagues |
| i15ch041a        | wv15 uas459 retir planning info sources:: usefulness, family/friends/colleagues |
| i12ch041b        | wv12 uas26 retir planning info sources:: usefulness, employer                   |
| i13ch041b        | wv13 uas113 retir planning info sources:: usefulness, employer                  |
| i14ch041b        | wv15 uas459 retir planning info sources:: usefulness, employer                  |
| i15ch041b        | wv15 uas459 retir planning info sources:: usefulness, employer                  |
| i12ch041c        | wv12 uas26 retir planning info sources:: usefulness, media                      |
| i13ch041c        | wv13 uas113 retir planning info sources:: usefulness, media                     |
| i14ch041c        | wv15 uas459 retir planning info sources:: usefulness, media                     |
| i15ch041c        | wv15 uas459 retir planning info sources:: usefulness, media                     |
| i12ch041d        | wv12 uas26 retir planning info sources:: usefulness, SSA website                |
| i13ch041d_que13  | wv13 uas113 retir planning info sources:: usefulness, SSA                       |
| i14ch041d_que13  | wv15 uas459 retir planning info sources:: usefulness, SSA                       |
|                  |   |

| i12ch041e       | wv12 uas26 retir planning info sources:: usefulness, SSA office                 |
|-----------------|---|
| i12ch041f       | wv12 uas26 retir planning info sources:: usefulness, SSA mailings               |
| i12ch041g       | wv12 uas26 retir planning info sources:: usefulness, SSA phone line             |
| i12ch041h       | wv12 uas26 retir planning info sources:: usefulness, oth govt agency websites   |
| i13ch041h_que13 | wv13 uas113 retir planning info sources:: usefulness, oth govt agencies         |
| i14ch041h_que13 | wv15 uas459 retir planning info sources:: usefulness, oth govt agencies         |
| i15ch041h_que13 | wv15 uas459 retir planning info sources:: usefulness, oth govt agencies         |
| i12ch041i       | wv12 uas26 retir planning info sources:: usefulness, oth govt agency offices    |
| i12ch041j       | wv12 uas26 retir planning info sources:: usefulness, businesses w fncl advising |
| i13ch041j       | wv13 uas113 retir planning info sources:: usefulness, forprofit fncl industry   |
| i14ch041j       | wv15 uas459 retir planning info sources:: usefulness, forprofit fncl industry   |
| i15ch041j       | wv15 uas459 retir planning info sources:: usefulness, forprofit fncl industry   |
| i12ch041k       | wv12 uas26 retir planning info sources:: usefulness, nonprofit websites         |
| i13ch041k_que13 | wv13 uas113 retir planning info sources:: usefulness, nonprofit orgs            |
| i14ch041k_que13 | wv15 uas459 retir planning info sources:: usefulness, nonprofit orgs            |
| i15ch041k_que13 | wv15 uas459 retir planning info sources:: usefulness, nonprofit orgs            |
| i12ch041l       | wv12 uas26 retir planning info sources:: usefulness, nonprofit offices          |
| i12ch041m       | wv12 uas26 retir planning info sources:: usefulness, community orgs             |
| i13ch041m       | wv13 uas113 retir planning info sources:: usefulness, community orgs            |
| i14ch041m       | wv15 uas459 retir planning info sources:: usefulness, community orgs            |
| i15ch041m       | wv15 uas459 retir planning info sources:: usefulness, community orgs            |
| i12ch005a       | wv12 uas26 retir planning info sources:: accuracy, family/friends/colleagues    |
| i13ch005a       | wv13 uas113 retir planning info sources:: accuracy, family/friends/colleagues   |
| i14ch005a       | wv15 uas459 retir planning info sources:: accuracy, family/friends/colleagues   |
| i15ch005a       | wv15 uas459 retir planning info sources:: accuracy, family/friends/colleagues   |
| i12ch005b       | wv12 uas26 retir planning info sources:: accuracy, employer                     |
| i13ch005b       | wv13 uas113 retir planning info sources:: accuracy, employer                    |
| i14ch005b       | wv15 uas459 retir planning info sources:: accuracy, employer                    |
| i15ch005b       | wv15 uas459 retir planning info sources:: accuracy, employer                    |
| i12ch005c       | wv12 uas26 retir planning info sources:: accuracy, media                        |

| i13ch005c       | wv13 uas113 retir planning info sources:: accuracy, media                       |
|-----------------|---|
| i14ch005c       | wv15 uas459 retir planning info sources:: accuracy, media                       |
| i15ch005c       | wv15 uas459 retir planning info sources:: accuracy, media                       |
| i12ch005d       | wv12 uas26 retir planning info sources:: accuracy, SSA website                  |
| i13ch005d_que13 | wv13 uas113 retir planning info sources:: accuracy, SSA                         |
| i14ch005d_que13 | wv15 uas459 retir planning info sources:: accuracy, SSA                         |
| i15ch005d_que13 | wv15 uas459 retir planning info sources:: accuracy, SSA                         |
| i12ch005e       | wv12 uas26 retir planning info sources:: accuracy, SSA office                   |
| i12ch005f       | wv12 uas26 retir planning info sources:: accuracy, SSA mailings                 |
| i12ch005g       | wv12 uas26 retir planning info sources:: accuracy, SSA phone line               |
| i12ch005h       | wv12 uas26 retir planning info sources:: accuracy, oth govt agency websites     |
| i13ch005h_que13 | wv13 uas113 retir planning info sources:: accuracy, oth govt agencies           |
| i14ch005h_que13 | wv15 uas459 retir planning info sources:: accuracy, oth govt agencies           |
| i15ch005h_que13 | wv15 uas459 retir planning info sources:: accuracy, oth govt agencies           |
| i12ch005i       | wv12 uas26 retir planning info sources:: accuracy, oth govt agency offices      |
| i12ch005j       | wv12 uas26 retir planning info sources:: accuracy, businesses w fncl advising   |
| i13ch005j       | wv13 uas113 retir planning info sources:: accuracy, for profit fncl industry    |
| i14ch005j       | wv15 uas459 retir planning info sources:: accuracy, for profit fncl industry    |
| i15ch005j       | wv15 uas459 retir planning info sources:: accuracy, for profit fncl industry    |
| i12ch005k       | wv12 uas26 retir planning info sources:: accuracy, nonprofit websites           |
| i13ch005k_que13 | wv13 uas113 retir planning info sources:: accuracy, nonprofit orgs              |
| i14ch005k_que13 | wv15 uas459 retir planning info sources:: accuracy, nonprofit orgs              |
| i15ch005k_que13 | wv15 uas459 retir planning info sources:: accuracy, nonprofit orgs              |
| i12ch005l       | wv12 uas26 retir planning info sources:: accuracy, nonprofit offices            |
| i12ch005m       | wv12 uas26 retir planning info sources:: accuracy, community orgs               |
| i13ch005m       | wv13 uas113 retir planning info sources:: accuracy, community orgs              |
| i14ch005m       | wv15 uas459 retir planning info sources:: accuracy, community orgs              |
| i15ch005m       | wv15 uas459 retir planning info sources:: accuracy, community orgs              |
| i12ch006a       | wv12 uas26 retir planning info sources:: understand lev, fam/friends/colleagues |
| i13ch006a       | wv13 uas113 retir planning info sources:: understand lev, fam/friends/colleague |

| i14ch006a       | wv15 uas459 retir planning info sources:: understand lev, fam/friends/colleague |
|-----------------|---|
| i15ch006a       | wv15 uas459 retir planning info sources:: understand lev, fam/friends/colleague |
| i12ch006b       | wv12 uas26 retir planning info sources:: understand lev, employer               |
| i13ch006b       | wv13 uas113 retir planning info sources:: understand lev, employer              |
| i14ch006b       | wv15 uas459 retir planning info sources:: understand lev, employer              |
| i15ch006b       | wv15 uas459 retir planning info sources:: understand lev, employer              |
| i12ch006c       | wv12 uas26 retir planning info sources:: understand lev, media                  |
| i13ch006c       | wv13 uas113 retir planning info sources:: understand lev, media                 |
| i14ch006c       | wv15 uas459 retir planning info sources:: understand lev, media                 |
| i15ch006c       | wv15 uas459 retir planning info sources:: understand lev, media                 |
| i12ch006d       | wv12 uas26 retir planning info sources:: understand lev, SSA website            |
| i13ch006d_que13 | wv13 uas113 retir planning info sources:: understand lev, SSA                   |
| i14ch006d_que13 | wv15 uas459 retir planning info sources:: understand lev, SSA                   |
| i15ch006d_que13 | wv15 uas459 retir planning info sources:: understand lev, SSA                   |
| i12ch006h       | wv12 uas26 retir planning info sources:: understand lev, oth govt agency web    |
| i13ch006h_que13 | wv13 uas113 retir planning info sources:: understand lev, oth govt agencies     |
| i14ch006h_que13 | wv15 uas459 retir planning info sources:: understand lev, oth govt agencies     |
| i15ch006h_que13 | wv15 uas459 retir planning info sources:: understand lev, oth govt agencies     |
| i12ch006e       | wv12 uas26 retir planning info sources:: understand lev, SSA office             |
| i12ch006i       | wv12 uas26 retir planning info sources:: understand lev, oth govt agency offces |
| i12ch006f       | wv12 uas26 retir planning info sources:: understand lev, SSA mailings           |
| i12ch006g       | wv12 uas26 retir planning info sources:: understand lev, SSA phone line         |
| i12ch006j       | wv12 uas26 retir planning info sources:: understand lev, biznes w fncl advising |
| i13ch006j       | wv13 uas113 retir planning info sources:: understand lev, forprof fncl industry |
| i14ch006j       | wv15 uas459 retir planning info sources:: understand lev, forprof fncl industry |
| i15ch006j       | wv15 uas459 retir planning info sources:: understand lev, forprof fncl industry |
| i12ch006k       | wv12 uas26 retir planning info sources:: understand lev, nonprofit websites     |
| i13ch006k_que13 | wv13 uas113 retir planning info sources:: understand lev, nonprofit orgs        |
| i14ch006k_que13 | wv15 uas459 retir planning info sources:: understand lev, nonprofit orgs        |
| i15ch006k_que13 | wv15 uas459 retir planning info sources:: understand lev, nonprofit orgs        |

| i12ch006l       | wv12 uas26 retir planning info sources:: understand lev, nonprofit offices      |
|-----------------|---|
| i12ch006m       | wv12 uas26 retir planning info sources:: understand lev, community orgs         |
| i13ch006m       | wv13 uas113 retir planning info sources:: understand lev, community orgs        |
| i14ch006m       | wv15 uas459 retir planning info sources:: understand lev, community orgs        |
| i15ch006m       | wv15 uas459 retir planning info sources:: understand lev, community orgs        |
| i12ch007a       | wv12 uas26 retir planning info sources:: ease of access, fam/friends/colleagues |
| i13ch007a       | wv13 uas113 retir planning info sources:: ease of access, fam/friends/colleague |
| i14ch007a       | wv15 uas459 retir planning info sources:: ease of access, fam/friends/colleague |
| i15ch007a       | wv15 uas459 retir planning info sources:: ease of access, fam/friends/colleague |
| i12ch007b       | wv12 uas26 retir planning info sources:: ease of access, employer               |
| i13ch007b       | wv13 uas113 retir planning info sources:: ease of access, employer              |
| i14ch007b       | wv15 uas459 retir planning info sources:: ease of access, employer              |
| i15ch007b       | wv15 uas459 retir planning info sources:: ease of access, employer              |
| i12ch007c       | wv12 uas26 retir planning info sources:: ease of access, media                  |
| i13ch007c       | wv13 uas113 retir planning info sources:: ease of access, media                 |
| i14ch007c       | wv15 uas459 retir planning info sources:: ease of access, media                 |
| i15ch007c       | wv15 uas459 retir planning info sources:: ease of access, media                 |
| i12ch007d       | wv12 uas26 retir planning info sources:: ease of access, SSA website            |
| i13ch007d_que13 | wv13 uas113 retir planning info sources:: ease of access, SSA                   |
| i14ch007d_que13 | wv15 uas459 retir planning info sources:: ease of access, SSA                   |
| i15ch007d_que13 | wv15 uas459 retir planning info sources:: ease of access, SSA                   |
| i12ch007e       | wv12 uas26 retir planning info sources:: ease of access, SSA office             |
| i12ch007f       | wv12 uas26 retir planning info sources:: ease of access, SSA mailings           |
| i12ch007g       | wv12 uas26 retir planning info sources:: ease of access, SSA phone line         |
| i12ch007h       | wv12 uas26 retir planning info sources:: ease of access, oth govt agency web    |
| i13ch007h_que13 | wv13 uas113 retir planning info sources:: ease of access, oth govt agencies     |
| i14ch007h_que13 | wv15 uas459 retir planning info sources:: ease of access, oth govt agencies     |
| i15ch007h_que13 | wv15 uas459 retir planning info sources:: ease of access, oth govt agencies     |
| i12ch007i       | wv12 uas26 retir planning info sources:: ease of access, oth govt agency offics |
| i12ch007j       | wv12 uas26 retir planning info sources:: ease of access, biznes w fncl advising |

| i13ch007j       | wv13 uas113 retir planning info sources:: ease of access, forprofit fncl indstry |
|-----------------|--|
| i14ch007j       | wv15 uas459 retir planning info sources:: ease of access, forprofit fncl indstry |
| i15ch007j       | wv15 uas459 retir planning info sources:: ease of access, forprofit fncl indstry |
| i12ch007k       | wv12 uas26 retir planning info sources:: ease of access, nonprofit websites      |
| i13ch007k_que13 | wv13 uas113 retir planning info sources:: ease of access, nonprofit orgs         |
| i14ch007k_que13 | wv15 uas459 retir planning info sources:: ease of access, nonprofit orgs         |
| i15ch007k_que13 | wv15 uas459 retir planning info sources:: ease of access, nonprofit orgs         |
| i12ch007l       | wv12 uas26 retir planning info sources:: ease of access, nonprofit offices       |
| i12ch007m       | wv12 uas26 retir planning info sources:: ease of access, community orgs          |
| i13ch007m       | wv13 uas113 retir planning info sources:: ease of access, community orgs         |
| i14ch007m       | wv15 uas459 retir planning info sources:: ease of access, community orgs         |
| i15ch007m       | wv15 uas459 retir planning info sources:: ease of access, community orgs         |
| i12ch008        | wv12 uas26 retir planning info sources:: websites used - MULT RESP COMBO         |
| i13ch008        | wv13 uas113 retir planning info sources:: websites used - MULT RESP COMBO        |
| i14ch008        | wv15 uas459 retir planning info sources:: websites used - MULT RESP COMBO        |
| i15ch008        | wv15 uas459 retir planning info sources:: websites used - MULT RESP COMBO        |
| i12ch008s1      | wv12 uas26 retir planning info sources:: websites used - SSA                     |
| i13ch008s1      | wv13 uas113 retir planning info sources:: websites used - SSA                    |
| i14ch008s1      | wv15 uas459 retir planning info sources:: websites used - SSA                    |
| i15ch008s1      | wv15 uas459 retir planning info sources:: websites used - SSA                    |
| i12ch008s2      | wv12 uas26 retir planning info sources:: websites used - Mymoney.gov             |
| i13ch008s2      | wv13 uas113 retir planning info sources:: websites used - Mymoney.gov            |
| i14ch008s2      | wv15 uas459 retir planning info sources:: websites used - Mymoney.gov            |
| i15ch008s2      | wv15 uas459 retir planning info sources:: websites used - Mymoney.gov            |
| i12ch008s3      | wv12 uas26 retir planning info sources:: websites used - Depart of Labor         |
| i13ch008s3      | wv13 uas113 retir planning info sources:: websites used - Depart of Labor        |
| i14ch008s3      | wv15 uas459 retir planning info sources:: websites used - Depart of Labor        |
| i15ch008s3      | wv15 uas459 retir planning info sources:: websites used - Depart of Labor        |
| i12ch008s4      | wv12 uas26 retir planning info sources:: websites used - IRS                     |
| i13ch008s4      | wv13 uas113 retir planning info sources:: websites used - IRS                    |

| i14ch008s4  | wv15 uas459 retir planning info sources:: websites used - IRS                    |
|-------------|--|
| i15ch008s4  | wv15 uas459 retir planning info sources:: websites used - IRS                    |
| i12ch008s5  | wv12 uas26 retir planning info sources:: websites used - Pensn Benfit Guar Corp  |
| i13ch008s5  | wv13 uas113 retir planning info sources:: websites used - Pensn Benfit Guar Corp |
| i14ch008s5  | wv15 uas459 retir planning info sources:: websites used - Pensn Benfit Guar Corp |
| i15ch008s5  | wv15 uas459 retir planning info sources:: websites used - Pensn Benfit Guar Corp |
| i12ch008s6  | wv12 uas26 retir planning info sources:: websites used - FINRA Investor Ed       |
| i13ch008s6  | wv13 uas113 retir planning info sources:: websites used - FINRA Investor Ed      |
| i14ch008s6  | wv15 uas459 retir planning info sources:: websites used - FINRA Investor Ed      |
| i15ch008s6  | wv15 uas459 retir planning info sources:: websites used - FINRA Investor Ed      |
| i12ch008s7  | wv12 uas26 retir planning info sources:: websites used - AARP                    |
| i13ch008s7  | wv13 uas113 retir planning info sources:: websites used - AARP                   |
| i14ch008s7  | wv15 uas459 retir planning info sources:: websites used - AARP                   |
| i15ch008s7  | wv15 uas459 retir planning info sources:: websites used - AARP                   |
| i12ch008s8  | wv12 uas26 retir planning info sources:: websites used - AICPA                   |
| i13ch008s8  | wv13 uas113 retir planning info sources:: websites used - AICPA                  |
| i14ch008s8  | wv15 uas459 retir planning info sources:: websites used - AICPA                  |
| i15ch008s8  | wv15 uas459 retir planning info sources:: websites used - AICPA                  |
| i12ch008s9  | wv12 uas26 retir planning info sources:: websites used - other                   |
| i13ch008s9  | wv13 uas113 retir planning info sources:: websites used - other                  |
| i14ch008s9  | wv15 uas459 retir planning info sources:: websites used - other                  |
| i15ch008s9  | wv15 uas459 retir planning info sources:: websites used - other                  |
| i12ch008s10 | wv12 uas26 retir planning info sources:: websites used - none of the above       |
| i13ch008s10 | wv13 uas113 retir planning info sources:: websites used - none of the above      |
| i14ch008s10 | wv15 uas459 retir planning info sources:: websites used - none of the above      |
| i15ch008s10 | wv15 uas459 retir planning info sources:: websites used - none of the above      |
| i12ch009a   | wv12 uas26 retir planning info sources:: have enough retir planning info         |
| i13ch009a   | wv13 uas113 retir planning info sources:: have enough retir planning info        |
| i14ch009a   | wv15 uas459 retir planning info sources:: have enough retir planning info        |
| i15ch009a   | wv15 uas459 retir planning info sources:: have enough retir planning info        |

| i12ch009b              | wv12 uas26 retir planning info sources:: not interested in retir planning info             |
|------------------------|--|
| i13ch009b              | wv13 uas113 retir planning info sources:: not interested in retir planning info            |
| i14ch009b              | wv15 uas459 retir planning info sources:: not interested in retir planning info            |
| i15ch009b              | wv15 uas459 retir planning info sources:: not interested in retir planning info            |
| i12ch009c              | wv12 uas26 retir planning info sources:: unsure of best source                             |
| i13ch009c              | wv13 uas113 retir planning info sources:: unsure of best source                            |
| i14ch009c              | wv15 uas459 retir planning info sources:: unsure of best source                            |
| i15ch009c              | wv15 uas459 retir planning info sources:: unsure of best source                            |
| i12ch009d              | wv12 uas26 retir planning info sources:: comfortable w online fncl transaction             |
| i13ch009d              | wv13 uas113 retir planning info sources:: comfortable w online fncl transaction            |
| i14ch009d              | wv15 uas459 retir planning info sources:: comfortable w online fncl transaction            |
| i15ch009d              | wv15 uas459 retir planning info sources:: comfortable w online fncl transaction            |
| i12ch009e              | wv12 uas26 retir planning info sources:: comfortable w seeking online                      |
| i13ch009e              | wv13 uas113 retir planning info sources:: comfortable w seeking online                     |
| i14ch009e              | wv15 uas459 retir planning info sources:: comfortable w seeking online                     |
| i15ch009e              | wv15 uas459 retir planning info sources:: comfortable w seeking online                     |
| i12ch009f              | wv12 uas26 retir planning info sources:: gen comfort seeking govt srvcs online             |
| i13ch009f              | wv13 uas113 retir planning info sources:: gen comfort seeking govt srvcs online            |
| i14ch009f              | wv15 uas459 retir planning info sources:: gen comfort seeking govt srvcs online            |
| i15ch009f              | wv15 uas459 retir planning info sources:: gen comfort seeking govt srvcs online            |
| i12ch011_intro         | wv12 uas26 SS info sources:: used - MULT RESP COMBO  |
| i13ch011_intro_ans13   | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - MULT RESP COMBO</wv13>           |
| i14ch011_intro_ans13   | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - MULT RESP COMBO</wv13>           |
| i15ch011_intro_ans13   | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - MULT RESP COMBO</wv13>           |
| i12ch011_intros1       | wv12 uas26 SS info sources:: used - family/friends/colleagues                              |
| i13ch011_intros1_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - family/friends/colleagues</wv13> |
| i14ch011_intros1_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - family/friends/colleagues</wv13> |
| i15ch011_intros1_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - family/friends/colleagues</wv13> |
| i12ch011_intros2       | wv12 uas26 SS info sources:: used - employer   |
| i13ch011_intros2_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - employer</wv13>                  |

| i14ch011_intros2_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - employer</wv13>                |
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| i15ch011_intros2_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - employer</wv13>                |
| i12ch011_intros3        | wv12 uas26 SS info sources:: used - media  |
| i13ch011_intros3_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - media</wv13>                   |
| i14ch011_intros3_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - media</wv13>                   |
| i15ch011_intros3_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - media</wv13>                   |
| i12ch011_intros4        | wv12 uas26 SS info sources:: used - SSA website  |
| i13ch011_intros4_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - SSA</wv13>                     |
| i14ch011_intros4_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - SSA</wv13>                     |
| i15ch011_intros4_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - SSA</wv13>                     |
| i12ch011_intros5        | wv12 uas26 SS info sources:: used - SSA office   |
| i12ch011_intros6        | wv12 uas26 SS info sources:: used - SSA mailings   |
| i12ch011_intros7        | wv12 uas26 SS info sources:: used - SSA phone line                                       |
| i12ch011_intros8        | wv12 uas26 SS info sources:: used - oth govt agency websites                             |
| i13ch011_intros8_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - oth govt agencies</wv13>       |
| i14ch011_intros8_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - oth govt agencies</wv13>       |
| i15ch011_intros8_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - oth govt agencies</wv13>       |
| i12ch011_intros9        | wv12 uas26 SS info sources:: used - oth govt agency offices                              |
| i12ch011_intros10       | wv12 uas26 SS info sources:: used - businesses w fncl advising                           |
| i13ch011_intros10_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - forprofit fncl industry</wv13> |
| i14ch011_intros10_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - forprofit fncl industry</wv13> |
| i15ch011_intros10_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - forprofit fncl industry</wv13> |
| i12ch011_intros11       | wv12 uas26 SS info sources:: used - nonprofit websites                                   |
| i13ch011_intros11_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - nonprofit orgs</wv13>          |
| i14ch011_intros11_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - nonprofit orgs</wv13>          |
| i15ch011_intros11_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - nonprofit orgs</wv13>          |
| i12ch011_intros12       | wv12 uas26 SS info sources:: used - nonprofit offices                                    |
| i12ch011_intros13       | wv12 uas26 SS info sources:: used - community orgs                                       |
| i13ch011_intros13_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - community orgs</wv13>          |
| i14ch011_intros13_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - community orgs</wv13>          |
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| i15ch011_intros13_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - community orgs</wv13>              |
|-------------------------|--|
| i12ch011_intros14       | wv12 uas26 SS info sources:: used - none of the above  |
| i13ch011_intros14_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> used - none of the above</wv13>           |
| i14ch011_intros14_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - none of the above</wv13>           |
| i15ch011_intros14_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> used - none of the above</wv13>           |
| i12ch039                | wv12 uas26 SS:: typ of benefits info sought - MULT RESP COMBO                                |
| i13ch039_ans13          | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - MULT RESP COMBO</wv13>    |
| i14ch039_ans13          | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - MULT RESP COMBO</wv13>    |
| i15ch039_ans13          | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - MULT RESP COMBO</wv13>    |
| i12ch039s1              | wv12 uas26 SS:: typ of benefits info sought - claiming strategies                            |
| i12ch039s2              | wv12 uas26 SS:: typ of benefits info sought - retir age of self/family                       |
| i13ch039s2_ans13        | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - retir age self/fam</wv13> |
| i14ch039s2_ans13        | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - retir age self/fam</wv13> |
| i15ch039s2_ans13        | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - retir age self/fam</wv13> |
| i12ch039s3              | wv12 uas26 SS:: typ of benefits info sought - best age to claim                              |
| i13ch039s3_ans13        | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - best age to claim</wv13>  |
| i14ch039s3_ans13        | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - best age to claim</wv13>  |
| i15ch039s3_ans13        | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - best age to claim</wv13>  |
| i12ch039s4              | wv12 uas26 SS:: typ of benefits info sought - effects of pensions                            |
| i13ch039s4_ans13        | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - pension effects</wv13>    |
| i14ch039s4_ans13        | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - pension effects</wv13>    |
| i15ch039s4_ans13        | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - pension effects</wv13>    |
| i12ch039s5              | wv12 uas26 SS:: typ of benefits info sought - taxes on benefits                              |
| i13ch039s5_ans13        | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - taxes on benefits</wv13>  |
| i14ch039s5_ans13        | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - taxes on benefits</wv13>  |
| i15ch039s5_ans13        | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - taxes on benefits</wv13>  |
| i13ch039s11_ans13       | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - amt benfit will be</wv13> |
| i14ch039s11_ans13       | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - amt benfit will be</wv13> |
| i15ch039s11_ans13       | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - amt benfit will be</wv13> |
| i12ch039s6              | wv12 uas26 SS:: typ of benefits info sought - effects of earnings                            |
|                         |  |

| i13ch039s6_ans13       | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - effecs of earnngs</wv13>  |
|------------------------|--|
| i14ch039s6_ans13       | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - effecs of earnngs</wv13>  |
| i15ch039s6_ans13       | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - effecs of earnngs</wv13>  |
| i12ch039s7             | wv12 uas26 SS:: typ of benefits info sought - importance of benefits                         |
| i12ch039s8             | wv12 uas26 SS:: typ of benefits info sought - other  |
| i13ch039s8_ans13       | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - other</wv13>              |
| i14ch039s8_ans13       | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - other</wv13>              |
| i15ch039s8_ans13       | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - other</wv13>              |
| i12ch039s9             | wv12 uas26 SS:: typ of benefits info sought - none of the above                              |
| i13ch039s9_ans13       | wv13 uas113 SS:: <wv13 ans="" chg=""> typ of benfits info sought - none of the above</wv13>  |
| i14ch039s9_ans13       | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - none of the above</wv13>  |
| i15ch039s9_ans13       | wv15 uas459 SS:: <wv13 ans="" chg=""> typ of benfits info sought - none of the above</wv13>  |
| i12ch012_intro         | wv12 uas26 SS info sources:: for survivor benefit - MULT RESP COMBO                          |
| i13ch012_intro_ans13   | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - MULT RESP COMBO</wv13>     |
| i14ch012_intro_ans13   | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - MULT RESP COMBO</wv13>     |
| i15ch012_intro_ans13   | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - MULT RESP COMBO</wv13>     |
| i12ch012_intros1       | wv12 uas26 SS info sources:: for survivor benefit - family/friends/colleagues                |
| i13ch012_intros1_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - fam/frnds/colleague</wv13> |
| i14ch012_intros1_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - fam/frnds/colleague</wv13> |
| i15ch012_intros1_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - fam/frnds/colleague</wv13> |
| i12ch012_intros2       | wv12 uas26 SS info sources:: for survivor benefit - employer                                 |
| i13ch012_intros2_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - employer</wv13>            |
| i14ch012_intros2_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - employer</wv13>            |
| i15ch012_intros2_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - employer</wv13>            |
| i12ch012_intros3       | wv12 uas26 SS info sources:: for survivor benefit - media                                    |
| i13ch012_intros3_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - media</wv13>               |
| i14ch012_intros3_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - media</wv13>               |
| i15ch012_intros3_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - media</wv13>               |
| i12ch012_intros4       | wv12 uas26 SS info sources:: for survivor benefit - SSA website                              |
| i13ch012_intros4_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - SSA</wv13>                 |

| i14ch012_intros4_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - SSA</wv13>                  |
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| i15ch012_intros4_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - SSA</wv13>                  |
| i12ch012_intros5        | wv12 uas26 SS info sources:: for survivor benefit - SSA office                                |
| i12ch012_intros6        | wv12 uas26 SS info sources:: for survivor benefit - SSA mailings                              |
| i12ch012_intros7        | wv12 uas26 SS info sources:: for survivor benefit - SSA phone line                            |
| i12ch012_intros8        | wv12 uas26 SS info sources:: for survivor benefit - oth govt agency websites                  |
| i13ch012_intros8_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - oth govt agencies</wv13>    |
| i14ch012_intros8_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - oth govt agencies</wv13>    |
| i15ch012_intros8_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - oth govt agencies</wv13>    |
| i12ch012_intros9        | wv12 uas26 SS info sources:: for survivor benefit - oth govt agency offices                   |
| i12ch012_intros10       | wv12 uas26 SS info sources:: for survivor benefit - businesses w fncl advising                |
| i13ch012_intros10_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - forprof fncl indstry</wv13> |
| i14ch012_intros10_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - forprof fncl indstry</wv13> |
| i15ch012_intros10_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - forprof fncl indstry</wv13> |
| i12ch012_intros11       | wv12 uas26 SS info sources:: for survivor benefit - nonprofit websites                        |
| i13ch012_intros11_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - nonprofit orgs</wv13>       |
| i14ch012_intros11_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - nonprofit orgs</wv13>       |
| i15ch012_intros11_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - nonprofit orgs</wv13>       |
| i12ch012_intros12       | wv12 uas26 SS info sources:: for survivor benefit - nonprofit offices                         |
| i12ch012_intros13       | wv12 uas26 SS info sources:: for survivor benefit - community orgs                            |
| i13ch012_intros13_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - community orgs</wv13>       |
| i14ch012_intros13_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - community orgs</wv13>       |
| i15ch012_intros13_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - community orgs</wv13>       |
| i12ch012_intros14       | wv12 uas26 SS info sources:: for survivor benefit - none of the above                         |
| i13ch012_intros14_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for survivor - none of the above</wv13>    |
| i14ch012_intros14_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - none of the above</wv13>    |
| i15ch012_intros14_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for survivor - none of the above</wv13>    |
| i12ch013_intro          | wv12 uas26 SS info sources:: for disability benefit - MULT RESP COMBO                         |
| i13ch013_intro_ans13    | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - MULT RESP COMBO</wv13>    |
| i14ch013_intro_ans13    | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - MULT RESP COMBO</wv13>    |

| i15ch013_intro_ans13    | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - MULT RESP COMBO</wv13>   |
|-------------------------|--|
| i12ch013_intros1        | wv12 uas26 SS info sources:: for disability benefit - family/friends/colleagues              |
| i13ch013_intros1_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - fam/frnds/collgue</wv13> |
| i14ch013_intros1_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - fam/frnds/collgue</wv13> |
| i15ch013_intros1_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - fam/frnds/collgue</wv13> |
| i12ch013_intros2        | wv12 uas26 SS info sources:: for disability benefit - employer                               |
| i13ch013_intros2_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - employer</wv13>          |
| i14ch013_intros2_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - employer</wv13>          |
| i15ch013_intros2_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - employer</wv13>          |
| i12ch013_intros3        | wv12 uas26 SS info sources:: for disability benefit - media                                  |
| i13ch013_intros3_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - media</wv13>             |
| i14ch013_intros3_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - media</wv13>             |
| i15ch013_intros3_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - media</wv13>             |
| i12ch013_intros4        | wv12 uas26 SS info sources:: for disability benefit - SSA website                            |
| i13ch013_intros4_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - SSA</wv13>               |
| i14ch013_intros4_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - SSA</wv13>               |
| i15ch013_intros4_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - SSA</wv13>               |
| i12ch013_intros5        | wv12 uas26 SS info sources:: for disability benefit - SSA office                             |
| i12ch013_intros6        | wv12 uas26 SS info sources:: for disability benefit - SSA mailings                           |
| i12ch013_intros7        | wv12 uas26 SS info sources:: for disability benefit - SSA phone line                         |
| i12ch013_intros8        | wv12 uas26 SS info sources:: for disability benefit - oth govt agency websites               |
| i13ch013_intros8_ans13  | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - oth govt agencies</wv13> |
| i14ch013_intros8_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - oth govt agencies</wv13> |
| i15ch013_intros8_ans13  | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - oth govt agencies</wv13> |
| i12ch013_intros9        | wv12 uas26 SS info sources:: for disability benefit - oth govt agency offices                |
| i12ch013_intros10       | wv12 uas26 SS info sources:: for disability benefit - business w fncl advising               |
| i13ch013_intros10_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - forprofit fncl</wv13>    |
| i14ch013_intros10_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - forprofit fncl</wv13>    |
| i15ch013_intros10_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - forprofit fncl</wv13>    |
| i12ch013_intros11       | wv12 uas26 SS info sources:: for disability benefit - nonprofit websites                     |
| <u>L</u>                |  |

| i13ch013_intros11_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - nonprofit orgs</wv13>    |
|-------------------------|--|
| i14ch013_intros11_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - nonprofit orgs</wv13>    |
| i15ch013_intros11_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - nonprofit orgs</wv13>    |
| i12ch013_intros12       | wv12 uas26 SS info sources:: for disability benefit - nonprofit offices                      |
| i12ch013_intros13       | wv12 uas26 SS info sources:: for disability benefit - community orgs                         |
| i13ch013_intros13_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - community orgs</wv13>    |
| i14ch013_intros13_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - community orgs</wv13>    |
| i15ch013_intros13_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - community orgs</wv13>    |
| i12ch013_intros14       | wv12 uas26 SS info sources:: for disability benefit - none of the above                      |
| i13ch013_intros14_ans13 | wv13 uas113 SS info sources:: <wv13 ans="" chg=""> for disability - none of the above</wv13> |
| i14ch013_intros14_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - none of the above</wv13> |
| i15ch013_intros14_ans13 | wv15 uas459 SS info sources:: <wv13 ans="" chg=""> for disability - none of the above</wv13> |
| i13ch013_intro2         | wv13 uas113 SS info sources:: used abt spousal benefit - MULT RESP COMBO                     |
| i14ch013_intro2         | wv15 uas459 SS info sources:: used abt spousal benefit - MULT RESP COMBO                     |
| i15ch013_intro2         | wv15 uas459 SS info sources:: used abt spousal benefit - MULT RESP COMBO                     |
| i13ch013_intro2s1       | wv13 uas113 SS info sources:: used abt spousal benefit - fam/friends/colleague               |
| i14ch013_intro2s1       | wv15 uas459 SS info sources:: used abt spousal benefit - fam/friends/colleague               |
| i15ch013_intro2s1       | wv15 uas459 SS info sources:: used abt spousal benefit - fam/friends/colleague               |
| i13ch013_intro2s2       | wv13 uas113 SS info sources:: used abt spousal benefit - employer                            |
| i14ch013_intro2s2       | wv15 uas459 SS info sources:: used abt spousal benefit - employer                            |
| i15ch013_intro2s2       | wv15 uas459 SS info sources:: used abt spousal benefit - employer                            |
| i13ch013_intro2s3       | wv13 uas113 SS info sources:: used abt spousal benefit - media                               |
| i14ch013_intro2s3       | wv15 uas459 SS info sources:: used abt spousal benefit - media                               |
| i15ch013_intro2s3       | wv15 uas459 SS info sources:: used abt spousal benefit - media                               |
| i13ch013_intro2s4       | wv13 uas113 SS info sources:: used abt spousal benefit - SSA                                 |
| i14ch013_intro2s4       | wv15 uas459 SS info sources:: used abt spousal benefit - SSA                                 |
| i15ch013_intro2s4       | wv15 uas459 SS info sources:: used abt spousal benefit - SSA                                 |
| i13ch013_intro2s8       | wv13 uas113 SS info sources:: used abt spousal benefit - oth govt agencies                   |
| i14ch013_intro2s8       | wv15 uas459 SS info sources:: used abt spousal benefit - oth govt agencies                   |
| i15ch013_intro2s8       | wv15 uas459 SS info sources:: used abt spousal benefit - oth govt agencies                   |

| i13ch013_intro2s10     | wv13 uas113 SS info sources:: used abt spousal benefit - forprofit fncl indstry              |
|------------------------|--|
| i14ch013_intro2s10     | wv15 uas459 SS info sources:: used abt spousal benefit - forprofit fncl indstry              |
| i15ch013_intro2s10     | wv15 uas459 SS info sources:: used abt spousal benefit - forprofit fncl indstry              |
| i13ch013_intro2s11     | wv13 uas113 SS info sources:: used abt spousal benefit - nonprofit orgs                      |
| i14ch013_intro2s11     | wv15 uas459 SS info sources:: used abt spousal benefit - nonprofit orgs                      |
| i15ch013_intro2s11     | wv15 uas459 SS info sources:: used abt spousal benefit - nonprofit orgs                      |
| i13ch013_intro2s13     | wv13 uas113 SS info sources:: used abt spousal benefit - community orgs                      |
| i14ch013_intro2s13     | wv15 uas459 SS info sources:: used abt spousal benefit - community orgs                      |
| i15ch013_intro2s13     | wv15 uas459 SS info sources:: used abt spousal benefit - community orgs                      |
| i13ch013_intro2s14     | wv13 uas113 SS info sources:: used abt spousal benefit - none of the above                   |
| i14ch013_intro2s14     | wv15 uas459 SS info sources:: used abt spousal benefit - none of the above                   |
| i15ch013_intro2s14     | wv15 uas459 SS info sources:: used abt spousal benefit - none of the above                   |
| i12ch014_intro         | wv12 uas26 SS info sources:: SSA sources used - MULT RESP COMBO                              |
| i13ch014_intro         | wv13 uas113 SS info sources:: SSA sources used - MULT RESP COMBO                             |
| i14ch014_intro         | wv15 uas459 SS info sources:: SSA sources used - MULT RESP COMBO                             |
| i15ch014_intro_ans15   | wv15 uas459 SS info sources:: <wv15 ans="" chg=""> SSA sources used - MULT RESP COMBO</wv15> |
| i12ch014_intros1       | wv12 uas26 SS info sources:: SSA sources used - facebook page                                |
| i13ch014_intros1       | wv13 uas113 SS info sources:: SSA sources used - facebook page                               |
| i14ch014_intros1       | wv15 uas459 SS info sources:: SSA sources used - facebook page                               |
| i15ch014_intros1_ans15 | wv15 uas459 SS info sources:: <wv15 ans="" chg=""> SSA sources used - facebook page</wv15>   |
| i12ch014_intros2       | wv12 uas26 SS info sources:: SSA sources used - read a tweet                                 |
| i13ch014_intros2       | wv13 uas113 SS info sources:: SSA sources used - read a tweet                                |
| i14ch014_intros2       | wv15 uas459 SS info sources:: SSA sources used - read a tweet                                |
| i15ch014_intros2_ans15 | wv15 uas459 SS info sources:: <wv15 ans="" chg=""> SSA sources used - tweets</wv15>          |
| i12ch014_intros3       | wv12 uas26 SS info sources:: SSA sources used - youtube video                                |
| i13ch014_intros3       | wv13 uas113 SS info sources:: SSA sources used - youtube video                               |
| i14ch014_intros3       | wv15 uas459 SS info sources:: SSA sources used - youtube video                               |
| i15ch014_intros3_ans15 | wv15 uas459 SS info sources:: <wv15 ans="" chg=""> SSA sources used - youtube video</wv15>   |
| i12ch014_intros4       | wv12 uas26 SS info sources:: SSA sources used - none of the above                            |
|                        |  |

| i14ch014_intros4       | wv15 uas459 SS info sources:: SSA sources used - none of the above                           |
|------------------------|--|
| i15ch014_intros4_ans15 | wv15 uas459 SS info sources:: <wv15 ans="" chg=""> SSA sources used - SS Matters blog</wv15> |
| i15ch014_intros5_ans15 | wv15 uas459 SS info sources:: <wv15 ans="" chg=""> SSA sources used - linkedIn</wv15>        |
| i15ch014_intros6_ans15 | wv15 uas459 SS info sources:: <wv15 ans="" chg=""> SSA sources used - none of above</wv15>   |
| i12ch015_intro         | wv12 uas26 SS info sources:: SSA web use - MULT RESP COMBO                                   |
| i13ch015_intro         | wv13 uas113 SS info sources:: SSA web use - MULT RESP COMBO                                  |
| i14ch015_intro         | wv15 uas459 SS info sources:: SSA web use - MULT RESP COMBO                                  |
| i15ch015_intro         | wv15 uas459 SS info sources:: SSA web use - MULT RESP COMBO                                  |
| i12ch015_intros1       | wv12 uas26 SS info sources:: SSA web use - apply for SS benefits                             |
| i13ch015_intros1       | wv13 uas113 SS info sources:: SSA web use - apply for SS benefits                            |
| i14ch015_intros1       | wv15 uas459 SS info sources:: SSA web use - apply for SS benefits                            |
| i15ch015_intros1       | wv15 uas459 SS info sources:: SSA web use - apply for SS benefits                            |
| i12ch015_intros2       | wv12 uas26 SS info sources:: SSA web use - get SS stmt                                       |
| i13ch015_intros2       | wv13 uas113 SS info sources:: SSA web use - get SS stmt                                      |
| i14ch015_intros2       | wv15 uas459 SS info sources:: SSA web use - get SS stmt                                      |
| i15ch015_intros2       | wv15 uas459 SS info sources:: SSA web use - get SS stmt                                      |
| i12ch015_intros3       | wv12 uas26 SS info sources:: SSA web use - appeal decision about benefits                    |
| i13ch015_intros3       | wv13 uas113 SS info sources:: SSA web use - appeal decision about benefits                   |
| i14ch015_intros3       | wv15 uas459 SS info sources:: SSA web use - appeal decision about benefits                   |
| i15ch015_intros3       | wv15 uas459 SS info sources:: SSA web use - appeal decision about benefits                   |
| i12ch015_intros4       | wv12 uas26 SS info sources:: SSA web use - explore if qualify for benefits                   |
| i13ch015_intros4       | wv13 uas113 SS info sources:: SSA web use - explore if qualify for benefits                  |
| i14ch015_intros4       | wv15 uas459 SS info sources:: SSA web use - explore if qualify for benefits                  |
| i15ch015_intros4       | wv15 uas459 SS info sources:: SSA web use - explore if qualify for benefits                  |
| i12ch015_intros5       | wv12 uas26 SS info sources:: SSA web use - estimate future benefits                          |
| i13ch015_intros5       | wv13 uas113 SS info sources:: SSA web use - estimate future benefits                         |
| i14ch015_intros5       | wv15 uas459 SS info sources:: SSA web use - estimate future benefits                         |
| i15ch015_intros5       | wv15 uas459 SS info sources:: SSA web use - estimate future benefits                         |
| i12ch015_intros6       | wv12 uas26 SS info sources:: SSA web use - get letter w proof of benefits                    |
| i13ch015_intros6       | wv13 uas113 SS info sources:: SSA web use - get letter w proof of benefits                   |

| i14ch015_intros6  | wv15 uas459 SS info sources:: SSA web use - get letter w proof of benefits      |
|-------------------|---|
| i15ch015_intros6  | wv15 uas459 SS info sources:: SSA web use - get letter w proof of benefits      |
| i12ch015_intros7  | wv12 uas26 SS info sources:: SSA web use - get replacement ssa-1099/ssa-1042s   |
| i13ch015_intros7  | wv13 uas113 SS info sources:: SSA web use - get replacement ssa-1099/ssa-1042s  |
| i14ch015_intros7  | wv15 uas459 SS info sources:: SSA web use - get replacement ssa-1099/ssa-1042s  |
| i15ch015_intros7  | wv15 uas459 SS info sources:: SSA web use - get replacement ssa-1099/ssa-1042s  |
| i12ch015_intros8  | wv12 uas26 SS info sources:: SSA web use - check SS benefits & personal info    |
| i13ch015_intros8  | wv13 uas113 SS info sources:: SSA web use - check SS benefits & personal info   |
| i14ch015_intros8  | wv15 uas459 SS info sources:: SSA web use - check SS benefits & personal info   |
| i15ch015_intros8  | wv15 uas459 SS info sources:: SSA web use - check SS benefits & personal info   |
| i12ch015_intros9  | wv12 uas26 SS info sources:: SSA web use - check medcare benfit & personal info |
| i13ch015_intros9  | wv13 uas113 SS info sources:: SSA web use - check medcare benfit & personl info |
| i14ch015_intros9  | wv15 uas459 SS info sources:: SSA web use - check medcare benfit & personl info |
| i15ch015_intros9  | wv15 uas459 SS info sources:: SSA web use - check medcare benfit & personl info |
| i12ch015_intros10 | wv12 uas26 SS info sources:: SSA web use - check SSI benefits & personal info   |
| i13ch015_intros10 | wv13 uas113 SS info sources:: SSA web use - check SSI benefits & personal info  |
| i14ch015_intros10 | wv15 uas459 SS info sources:: SSA web use - check SSI benefits & personal info  |
| i15ch015_intros10 | wv15 uas459 SS info sources:: SSA web use - check SSI benefits & personal info  |
| i12ch015_intros11 | wv12 uas26 SS info sources:: SSA web use - block electronic access to r info    |
| i13ch015_intros11 | wv13 uas113 SS info sources:: SSA web use - block electronic access to r info   |
| i14ch015_intros11 | wv15 uas459 SS info sources:: SSA web use - block electronic access to r info   |
| i15ch015_intros11 | wv15 uas459 SS info sources:: SSA web use - block electronic access to r info   |
| i12ch015_intros12 | wv12 uas26 SS info sources:: SSA web use - link services w other parties        |
| i13ch015_intros12 | wv13 uas113 SS info sources:: SSA web use - link services w other parties       |
| i14ch015_intros12 | wv15 uas459 SS info sources:: SSA web use - link services w other parties       |
| i15ch015_intros12 | wv15 uas459 SS info sources:: SSA web use - link services w other parties       |
| i12ch015_intros13 | wv12 uas26 SS info sources:: SSA web use - request no SSA benefits letter       |
| i13ch015_intros13 | wv13 uas113 SS info sources:: SSA web use - request no SSA benefits letter      |
| i14ch015_intros13 | wv15 uas459 SS info sources:: SSA web use - request no SSA benefits letter      |
| i15ch015_intros13 | wv15 uas459 SS info sources:: SSA web use - request no SSA benefits letter      |

| i12ch015_intros14 | wv12 uas26 SS info sources:: SSA web use - look for info                        |
|-------------------|---|
| i13ch015_intros14 | wv13 uas113 SS info sources:: SSA web use - look for info                       |
| i14ch015_intros14 | wv15 uas459 SS info sources:: SSA web use - look for info                       |
| i15ch015_intros14 | wv15 uas459 SS info sources:: SSA web use - look for info                       |
| i12ch015_intros15 | wv12 uas26 SS info sources:: SSA web use - none of the above                    |
| i13ch015_intros15 | wv13 uas113 SS info sources:: SSA web use - none of the above                   |
| i14ch015_intros15 | wv15 uas459 SS info sources:: SSA web use - none of the above                   |
| i15ch015_intros15 | wv15 uas459 SS info sources:: SSA web use - none of the above                   |
| i12ch040_intro    | wv12 uas26 SS info sources:: after visiting website - MULT RESP COMBO           |
| i13ch040_intro    | wv13 uas113 SS info sources:: after visiting website - MULT RESP COMBO          |
| i14ch040_intro    | wv15 uas459 SS info sources:: after visiting website - MULT RESP COMBO          |
| i15ch040_intro    | wv15 uas459 SS info sources:: after visiting website - MULT RESP COMBO          |
| i12ch040_intros1  | wv12 uas26 SS info sources:: after visiting website - take info to fncl planner |
| i13ch040_intros1  | wv13 uas113 SS info sources:: after visiting website - take info to fncl plannr |
| i14ch040_intros1  | wv15 uas459 SS info sources:: after visiting website - take info to fncl plannr |
| i15ch040_intros1  | wv15 uas459 SS info sources:: after visiting website - take info to fncl plannr |
| i12ch040_intros2  | wv12 uas26 SS info sources:: after visiting website - call SSA                  |
| i13ch040_intros2  | wv13 uas113 SS info sources:: after visiting website - call SSA                 |
| i14ch040_intros2  | wv15 uas459 SS info sources:: after visiting website - call SSA                 |
| i15ch040_intros2  | wv15 uas459 SS info sources:: after visiting website - call SSA                 |
| i12ch040_intros3  | wv12 uas26 SS info sources:: after visiting website - share info w fam/friends  |
| i13ch040_intros3  | wv13 uas113 SS info sources:: after visiting website - share info w fam/friends |
| i14ch040_intros3  | wv15 uas459 SS info sources:: after visiting website - share info w fam/friends |
| i15ch040_intros3  | wv15 uas459 SS info sources:: after visiting website - share info w fam/friends |
| i12ch040_intros4  | wv12 uas26 SS info sources:: after visiting website - try to confirm/clarify    |
| i13ch040_intros4  | wv13 uas113 SS info sources:: after visiting website - try to confirm/clarify   |
| i14ch040_intros4  | wv15 uas459 SS info sources:: after visiting website - try to confirm/clarify   |
| i15ch040_intros4  | wv15 uas459 SS info sources:: after visiting website - try to confirm/clarify   |
| i12ch040_intros5  | wv12 uas26 SS info sources:: after visiting website - none of the above         |
| i13ch040_intros5  | wv13 uas113 SS info sources:: after visiting website - none of the above        |

| i14ch040_intros5 | wv15 uas459 SS info sources:: after visiting website - none of the above       |
|------------------|--|
| i15ch040_intros5 | wv15 uas459 SS info sources:: after visiting website - none of the above       |
| i12ch016a        | wv12 uas26 SS info sources:: future usefulness, mailed from SSA to home        |
| i13ch016a        | wv13 uas113 SS info sources:: future usefulness, mailed from SSA to home       |
| i14ch016a        | wv15 uas459 SS info sources:: future usefulness, mailed from SSA to home       |
| i15ch016a        | wv15 uas459 SS info sources:: future usefulness, mailed from SSA to home       |
| i12ch016b        | wv12 uas26 SS info sources:: future usefulness, psa in print media             |
| i13ch016b        | wv13 uas113 SS info sources:: future usefulness, psa in print media            |
| i14ch016b        | wv15 uas459 SS info sources:: future usefulness, psa in print media            |
| i15ch016b        | wv15 uas459 SS info sources:: future usefulness, psa in print media            |
| i12ch016c        | wv12 uas26 SS info sources:: future usefulness, psa in tv/radio                |
| i13ch016c        | wv13 uas113 SS info sources:: future usefulness, psa in tv/radio               |
| i14ch016c        | wv15 uas459 SS info sources:: future usefulness, psa in tv/radio               |
| i15ch016c        | wv15 uas459 SS info sources:: future usefulness, psa in tv/radio               |
| i12ch016d        | wv12 uas26 SS info sources:: future usefulness, psa on social media            |
| i13ch016d        | wv13 uas113 SS info sources:: future usefulness, psa on social media           |
| i14ch016d        | wv15 uas459 SS info sources:: future usefulness, psa on social media           |
| i15ch016d        | wv15 uas459 SS info sources:: future usefulness, psa on social media           |
| i12ch016e        | wv12 uas26 SS info sources:: future usefulness, posted in community            |
| i13ch016e        | wv13 uas113 SS info sources:: future usefulness, posted in community           |
| i14ch016e        | wv15 uas459 SS info sources:: future usefulness, posted in community           |
| i15ch016e        | wv15 uas459 SS info sources:: future usefulness, posted in community           |
| i12ch016f        | wv12 uas26 SS info sources:: future usefulness, provided by SSA rep in-person  |
| i13ch016f        | wv13 uas113 SS info sources:: future usefulness, provided by SSA rep in-person |
| i14ch016f        | wv15 uas459 SS info sources:: future usefulness, provided by SSA rep in-person |
| i15ch016f        | wv15 uas459 SS info sources:: future usefulness, provided by SSA rep in-person |
| i12ch016g        | wv12 uas26 SS info sources:: future usefulness, provided at work               |
| i13ch016g        | wv13 uas113 SS info sources:: future usefulness, provided at work              |
| i14ch016g        | wv15 uas459 SS info sources:: future usefulness, provided at work              |
| i15ch016g        | wv15 uas459 SS info sources:: future usefulness, provided at work              |

| i12ch016h | wv12 uas26 SS info sources:: future usefulness, web based tutorials from SSA     |
|-----------|--|
| i13ch016h | wv13 uas113 SS info sources:: future usefulness, web based tutorials from SSA    |
| i14ch016h | wv15 uas459 SS info sources:: future usefulness, web based tutorials from SSA    |
| i15ch016h | wv15 uas459 SS info sources:: future usefulness, web based tutorials from SSA    |
| i12ch016i | wv12 uas26 SS info sources:: future usefulness, SSA smartphone app               |
| i13ch016i | wv13 uas113 SS info sources:: future usefulness, SSA smartphone app              |
| i14ch016i | wv15 uas459 SS info sources:: future usefulness, SSA smartphone app              |
| i15ch016i | wv15 uas459 SS info sources:: future usefulness, SSA smartphone app              |
| i15ch016j | wv15 uas459 SS info sources:: future usefulness, emails from SSA                 |
| i12ch017a | wv12 uas26 SS info sources:: have enough info about SS eligibility/benefits      |
| i13ch017a | wv13 uas113 SS info sources:: have enough info about SS eligibility/benefits     |
| i14ch017a | wv15 uas459 SS info sources:: have enough info about SS eligibility/benefits     |
| i15ch017a | wv15 uas459 SS info sources:: have enough info about SS eligibility/benefits     |
| i12ch017b | wv12 uas26 SS info sources:: want more info from SSA abt benfit/retir planning   |
| i13ch017b | wv13 uas113 SS info sources:: want more info from SSA abt benfit/retir planning  |
| i14ch017b | wv15 uas459 SS info sources:: want more info from SSA abt benfit/retir planning  |
| i15ch017b | wv15 uas459 SS info sources:: want more info from SSA abt benfit/retir planning  |
| i12ch017c | wv12 uas26 SS info sources:: for retir planning, trust for SSA > oth govt srces  |
| i13ch017c | wv13 uas113 SS info sources:: for retir planning, trust for SSA > oth govt srces |
| i14ch017c | wv15 uas459 SS info sources:: for retir planning, trust for SSA > oth govt srces |
| i15ch017c | wv15 uas459 SS info sources:: for retir planning, trust for SSA > oth govt srces |
| i12ch017d | wv12 uas26 SS info sources:: for retir planning, trust for SSA > private srces   |
| i13ch017d | wv13 uas113 SS info sources:: for retir planning, trust for SSA > private srces  |
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| i15ch017d | wv15 uas459 SS info sources:: for retir planning, trust for SSA > private srces  |
| i12ch017e | wv12 uas26 SS info sources:: easily find info about SS eligibility/benefits      |
| i13ch017e | wv13 uas113 SS info sources:: easily find info about SS eligibility/benefits     |
| i14ch017e | wv15 uas459 SS info sources:: easily find info about SS eligibility/benefits     |
| i15ch017e | wv15 uas459 SS info sources:: easily find info about SS eligibility/benefits     |
| i12ch017f | wv12 uas26 SS info sources:: in-person SSA rep more relevant than SSA website    |

| i13ch017f        | wv13 uas113 SS info sources:: in-person SSA rep more relevant than SSA website             |
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| i15ch017f        | wv15 uas459 SS info sources:: in-person SSA rep more relevant than SSA website             |
| i12ch017g        | wv12 uas26 SS info sources:: always carefully rd mail from SSA                             |
| i13ch017g        | wv13 uas113 SS info sources:: always carefully rd mail from SSA                            |
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| i15ch017g        | wv15 uas459 SS info sources:: always carefully rd mail from SSA                            |
| i12ch017h        | wv12 uas26 SS info sources:: comfortable w online transactions abt SSA benefits            |
| i13ch017h        | wv13 uas113 SS info sources:: comfortable w online transactions abt SSA benfit             |
| i14ch017h        | wv15 uas459 SS info sources:: comfortable w online transactions abt SSA benfit             |
| i15ch017h        | wv15 uas459 SS info sources:: comfortable w online transactions abt SSA benfit             |
| i12ch018         | wv12 uas26 mySS:: whether previously heard about   |
| i13ch018         | wv13 uas113 mySS:: whether previously heard about  |
| i14ch018         | wv15 uas459 mySS:: whether previously heard about  |
| i15ch018         | wv15 uas459 mySS:: whether previously heard about  |
| i12ch019         | wv12 uas26 mySS:: how heard about - MULT RESP COMBO  |
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| i13ch019s12_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - nonprofit orgs i14ch019s12_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - nonprofit orgs i15ch019s12_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - nonprofit orgs i12ch019s13 wv12 uas26 mySS:: how heard about - nonprofit offices i12ch019s14 wv12 uas26 mySS:: how heard about - community orgs i13ch019s14_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i14ch019s14_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i15ch019s14_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i12ch019s15 wv12 uas26 mySS:: how heard about - other i13ch019s15_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13></wv13></wv13></wv13></wv13></wv13></wv13>   | i15ch019s11_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - forprofit fncl industry</wv13> |
| i14ch019s12_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - nonprofit orgs i15ch019s12_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - nonprofit orgs i12ch019s13 wv12 uas26 mySS:: how heard about - nonprofit offices i12ch019s14 wv12 uas26 mySS:: how heard about - community orgs i13ch019s14_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i14ch019s14_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i15ch019s14_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i12ch019s15 wv12 uas26 mySS:: how heard about - other i13ch019s15_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13></wv13></wv13></wv13></wv13></wv13>   | i12ch019s12       | wv12 uas26 mySS:: how heard about - nonprofit websites                                   |
| i15ch019s12_ans13   | i13ch019s12_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - nonprofit orgs</wv13>          |
| i12ch019s13 wv12 uas26 mySS:: how heard about - nonprofit offices i12ch019s14 wv12 uas26 mySS:: how heard about - community orgs i13ch019s14_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i14ch019s14_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i15ch019s14_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i12ch019s15 wv12 uas26 mySS:: how heard about - other i13ch019s15_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13></wv13></wv13></wv13>   | i14ch019s12_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - nonprofit orgs</wv13>          |
| i12ch019s14 wv12 uas26 mySS:: how heard about - community orgs i13ch019s14_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i14ch019s14_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i15ch019s14_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs i12ch019s15 wv12 uas26 mySS:: how heard about - other i13ch019s15_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13></wv13></wv13></wv13>   | i15ch019s12_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - nonprofit orgs</wv13>          |
| i13ch019s14_ans13   | i12ch019s13       | wv12 uas26 mySS:: how heard about - nonprofit offices                                    |
| i14ch019s14_ans13   | i12ch019s14       | wv12 uas26 mySS:: how heard about - community orgs                                       |
| i15ch019s14_ans13   | i13ch019s14_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - community orgs</wv13>          |
| i12ch019s15 wv12 uas26 mySS:: how heard about - other i13ch019s15_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13>  | i14ch019s14_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs</wv13>          |
| i13ch019s15_ans13 wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13>  | i15ch019s14_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - community orgs</wv13>          |
|   | i12ch019s15       | wv12 uas26 mySS:: how heard about - other  |
| i14ch019s15_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13>  | i13ch019s15_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13>                   |
|   | i14ch019s15_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13>                   |
| i15ch019s15_ans13 wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13>  | i15ch019s15_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - other</wv13>                   |

| i12ch019s16            | wv12 uas26 mySS:: how heard about - none of the above  |
|------------------------|--|
| i13ch019s16_ans13      | wv13 uas113 mySS:: <wv13 ans="" chg=""> how heard about - none of the above</wv13>           |
| i14ch019s16_ans13      | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - none of the above</wv13>           |
| i15ch019s16_ans13      | wv15 uas459 mySS:: <wv13 ans="" chg=""> how heard about - none of the above</wv13>           |
| i12ch020               | wv12 uas26 mySS:: whether set up account   |
| i13ch020               | wv13 uas113 mySS:: whether set up account  |
| i14ch020               | wv15 uas459 mySS:: whether set up account  |
| i15ch020               | wv15 uas459 mySS:: whether set up account  |
| i12ch021               | wv12 uas26 mySS:: main reason why did not set up account                                     |
| i13ch021               | wv13 uas113 mySS:: main reason why did not set up account                                    |
| i14ch021               | wv15 uas459 mySS:: main reason why did not set up account                                    |
| i15ch021               | wv15 uas459 mySS:: main reason why did not set up account                                    |
| i12ch022_intro         | wv12 uas26 mySS:: used account - MULT RESP COMBO   |
| i13ch022_intro_ans13   | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - MULT RESP COMBO</wv13>                |
| i14ch022_intro_ans13   | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - MULT RESP COMBO</wv13>                |
| i15ch022_intro_ch15    | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - MULT RESP COMBO</wv13>                |
| i12ch022_intros1       | wv12 uas26 mySS:: used account - track & verify earnings                                     |
| i13ch022_intros1_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - track &amp; verify earnings</wv13>    |
| i14ch022_intros1_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - track &amp; verify earnings</wv13>    |
| i15ch022_intros1_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - track &amp; verify earnings</wv13>    |
| i13ch022_intros9_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - get replacement SS card</wv13>        |
| i14ch022_intros9_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - get replacement SS card</wv13>        |
| i15ch022_intros9_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - get replacement SS card</wv13>        |
| i12ch022_intros2       | wv12 uas26 mySS:: used account - get estimate of future benefits                             |
| i13ch022_intros2_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - get estimate of future benefit</wv13> |
| i14ch022_intros2_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - get estimate of future benefit</wv13> |
| i15ch022_intros2_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - get estimate of future benefit</wv13> |
| i12ch022_intros3       | wv12 uas26 mySS:: used account - get letter with proof of benefits                           |
| i13ch022_intros3_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - get letter w proof of benefits</wv13> |
| i14ch022_intros3_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - get letter w proof of benefits</wv13> |

| i15ch022_intros3_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - get letter w proof of benefits</wv13> |
|------------------------|--|
| i12ch022_intros4       | wv12 uas26 mySS:: used account - change personal info such as address                        |
| i13ch022_intros4_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - chg personal info like address</wv13> |
| i14ch022_intros4_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - chg personal info like address</wv13> |
| i15ch022_intros4_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - chg personal info like address</wv13> |
| i12ch022_intros5       | wv12 uas26 mySS:: used account - start/change direct deposit                                 |
| i13ch022_intros5_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - start/change direct deposit</wv13>    |
| i14ch022_intros5_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - start/change direct deposit</wv13>    |
| i15ch022_intros5_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - start/change direct deposit</wv13>    |
| i12ch022_intros6       | wv12 uas26 mySS:: used account - get replacement medicare card                               |
| i13ch022_intros6_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - get replacement medicare card</wv13>  |
| i14ch022_intros6_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - get replacement medicare card</wv13>  |
| i15ch022_intros6_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - get replacement medicare card</wv13>  |
| i12ch022_intros7       | wv12 uas26 mySS:: used account - get replacement ssa-1099/ssa-1042s                          |
| i13ch022_intros7_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - replacement ssa-1099/ssa-1042s</wv13> |
| i14ch022_intros7_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - replacement ssa-1099/ssa-1042s</wv13> |
| i15ch022_intros7_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - replacement ssa-1099/ssa-1042s</wv13> |
| i12ch022_intros8       | wv12 uas26 mySS:: used account - none of the above   |
| i13ch022_intros8_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> used account - none of the above</wv13>              |
| i14ch022_intros8_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> used account - none of the above</wv13>              |
| i15ch022_intros8_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - review my SS statement</wv13>         |
| i15ch022_intros10_ch15 | wv15 uas459 mySS:: <wv13 15="" chgs=""> used account - none of the above</wv13>              |
| i12ch023a              | wv12 uas26 mySS:: account experience, confident personal info is secure                      |
| i13ch023a              | wv13 uas113 mySS:: account experience, confident personal info is secure                     |
| i14ch023a              | wv15 uas459 mySS:: account experience, confident personal info is secure                     |
| i15ch023a              | wv15 uas459 mySS:: account experience, confident personal info is secure                     |
| i12ch023b              | wv12 uas26 mySS:: account experience, easy to use  |
| i13ch023b              | wv13 uas113 mySS:: account experience, easy to use   |
| i14ch023b              | wv15 uas459 mySS:: account experience, easy to use   |
| i15ch023b              | wv15 uas459 mySS:: account experience, easy to use   |

| i12ch023c              | wv12 uas26 mySS:: account experience, personal info is timely & accurate                         |
|------------------------|--|
| i13ch023c              | wv13 uas113 mySS:: account experience, personal info is timely & accurate                        |
| i14ch023c              | wv15 uas459 mySS:: account experience, personal info is timely & accurate                        |
| i15ch023c              | wv15 uas459 mySS:: account experience, personal info is timely & accurate                        |
| i12ch023d              | wv12 uas26 mySS:: account experience, transactions are reliable                                  |
| i13ch023d              | wv13 uas113 mySS:: account experience, transactions are reliable                                 |
| i14ch023d              | wv15 uas459 mySS:: account experience, transactions are reliable                                 |
| i15ch023d              | wv15 uas459 mySS:: account experience, transactions are reliable                                 |
| i12ch023e              | wv12 uas26 mySS:: account experience, allows most needed transactions                            |
| i13ch023e              | wv13 uas113 mySS:: account experience, allows most needed transactions                           |
| i14ch023e              | wv15 uas459 mySS:: account experience, allows most needed transactions                           |
| i15ch023e              | wv15 uas459 mySS:: account experience, allows most needed transactions                           |
| i12ch024               | wv12 uas26 mySS:: whether willing to set up account  |
| i13ch024               | wv13 uas113 mySS:: whether willing to set up account   |
| i14ch024               | wv15 uas459 mySS:: whether willing to set up account   |
| i15ch024               | wv15 uas459 mySS:: whether willing to set up account   |
| i12ch025               | wv12 uas26 mySS:: main reason why did not set up account   |
| i13ch025               | wv13 uas113 mySS:: main reason why did not set up account  |
| i14ch025               | wv15 uas459 mySS:: main reason why did not set up account  |
| i15ch025               | wv15 uas459 mySS:: main reason why did not set up account  |
| i12ch026_intro         | wv12 uas26 mySS:: services likely to use - MULT RESP COMBO                                       |
| i13ch026_intro_ans13   | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - MULT RESP COMBO</wv13>             |
| i14ch026_intro_ans13   | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - MULT RESP COMBO</wv13>             |
| i15ch026_intro_ch15    | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - MULT RESP COMBO</wv13>             |
| i12ch026_intros1       | wv12 uas26 mySS:: services likely to use - track & verify earnings                               |
| i13ch026_intros1_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - track &amp; verify earnings</wv13> |
| i14ch026_intros1_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - track &amp; verify earnings</wv13> |
| i15ch026_intros1_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - track &amp; verify earnings</wv13> |
| i13ch026_intros9_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - replace SS card</wv13>             |
|                        |  |

| i15ch026_intros9_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - replace SS card</wv13>         |
|------------------------|--|
| i12ch026_intros2       | wv12 uas26 mySS:: services likely to use - get estimate of future benefits                   |
| i13ch026_intros2_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - est of future benefits</wv13>  |
| i14ch026_intros2_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - est of future benefits</wv13>  |
| i15ch026_intros2_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - est of future benefits</wv13>  |
| i12ch026_intros3       | wv12 uas26 mySS:: services likely to use - get letter with proof of benefits                 |
| i13ch026_intros3_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - lettr w proof of benfit</wv13> |
| i14ch026_intros3_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - lettr w proof of benfit</wv13> |
| i15ch026_intros3_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - lettr w proof of benfit</wv13> |
| i12ch026_intros4       | wv12 uas26 mySS:: services likely to use - change personal info such as address              |
| i13ch026_intros4_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - change personal info</wv13>    |
| i14ch026_intros4_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - change personal info</wv13>    |
| i15ch026_intros4_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - change personal info</wv13>    |
| i12ch026_intros5       | wv12 uas26 mySS:: services likely to use - start/change direct deposit                       |
| i13ch026_intros5_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - start/chg direc deposit</wv13> |
| i14ch026_intros5_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - start/chg direc deposit</wv13> |
| i15ch026_intros5_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - start/chg direc deposit</wv13> |
| i12ch026_intros6       | wv12 uas26 mySS:: services likely to use - replace medicare card                             |
| i13ch026_intros6_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - replace medicare card</wv13>   |
| i14ch026_intros6_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - replace medicare card</wv13>   |
| i15ch026_intros6_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - replace medicare card</wv13>   |
| i12ch026_intros7       | wv12 uas26 mySS:: services likely to use - replace ssa-1099/ssa-1042s                        |
| i13ch026_intros7_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - replace ssa-1099/1042s</wv13>  |
| i14ch026_intros7_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - replace ssa-1099/1042s</wv13>  |
| i15ch026_intros7_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - replace ssa-1099/1042s</wv13>  |
| i12ch026_intros8       | wv12 uas26 mySS:: services likely to use - none of the above                                 |
| i13ch026_intros8_ans13 | wv13 uas113 mySS:: <wv13 ans="" chg=""> srvcs likely to use - none of the above</wv13>       |
| i14ch026_intros8_ans13 | wv15 uas459 mySS:: <wv13 ans="" chg=""> srvcs likely to use - none of the above</wv13>       |
| i15ch026_intros8_ch15  | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - review my SS statement</wv13>  |
| i15ch026_intros10_ch15 | wv15 uas459 mySS:: <wv13 15="" chgs=""> srvcs likely to use - none of the above</wv13>       |

| i12ch027         | wv12 uas26 retir estimator:: whether previously heard about it                               |
|------------------|--|
| i13ch027         | wv13 uas113 retir estimator:: whether previously heard about it                              |
| i14ch027         | wv15 uas459 retir estimator:: whether previously heard about it                              |
| i15ch027_que15   | wv15 uas459 retir estimator:: <wv15 chg="" ques=""> whether previously heard about it</wv15> |
| i12ch028         | wv12 uas26 retir estimator:: how heard about - MULT RESP COMBO                               |
| i13ch028_ans13   | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - MULT RESP COMBO</wv13>    |
| i14ch028_ans13   | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - MULT RESP COMBO</wv13>    |
| i15ch028_ans13   | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - MULT RESP COMBO</wv13>    |
| i12ch028s1       | wv12 uas26 retir estimator:: how heard about - family/friends/colleagues                     |
| i13ch028s1_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - fam/frnds/collgue</wv13>  |
| i14ch028s1_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - fam/frnds/collgue</wv13>  |
| i15ch028s1_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - fam/frnds/collgue</wv13>  |
| i12ch028s2       | wv12 uas26 retir estimator:: how heard about - employer                                      |
| i13ch028s2_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - employer</wv13>           |
| i14ch028s2_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - employer</wv13>           |
| i15ch028s2_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - employer</wv13>           |
| i12ch028s3       | wv12 uas26 retir estimator:: how heard about - media   |
| i13ch028s3_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - media</wv13>              |
| i14ch028s3_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - media</wv13>              |
| i15ch028s3_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - media</wv13>              |
| i12ch028s4       | wv12 uas26 retir estimator:: how heard about - SSA website                                   |
| i13ch028s4_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - SSA</wv13>                |
| i14ch028s4_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - SSA</wv13>                |
| i15ch028s4_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - SSA</wv13>                |
| i12ch028s5       | wv12 uas26 retir estimator:: how heard about - SSA office                                    |
| i12ch028s6       | wv12 uas26 retir estimator:: how heard about - SSA mailings                                  |
| i12ch028s7       | wv12 uas26 retir estimator:: how heard about - SSA phone line                                |
| i12ch028s8       | wv12 uas26 retir estimator:: how heard about - oth govt agency websites                      |
| i13ch028s8_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - oth govt agencies</wv13>  |
| i14ch028s8_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - oth govt agencies</wv13>  |

| i15ch028s8_ans13  | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - oth govt agencies</wv13>   |
|-------------------|---|
| i12ch028s9        | wv12 uas26 retir estimator:: how heard about - oth govt agency offices                        |
| i12ch028s10       | wv12 uas26 retir estimator:: how heard about - businesses w fncl advising                     |
| i12ch028s11       | wv12 uas26 retir estimator:: how heard about - nonprofit websites                             |
| i13ch028s11_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - forprof fncl indstr</wv13> |
| i14ch028s11_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - forprof fncl indstr</wv13> |
| i15ch028s11_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - forprof fncl indstr</wv13> |
| i12ch028s12       | wv12 uas26 retir estimator:: how heard about - nonprofit offices                              |
| i13ch028s12_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - nonprofit orgs</wv13>      |
| i14ch028s12_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - nonprofit orgs</wv13>      |
| i15ch028s12_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - nonprofit orgs</wv13>      |
| i12ch028s13       | wv12 uas26 retir estimator:: how heard about - community orgs                                 |
| i12ch028s14       | wv12 uas26 retir estimator:: how heard about - other  |
| i13ch028s14_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - community orgs</wv13>      |
| i14ch028s14_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - community orgs</wv13>      |
| i15ch028s14_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - community orgs</wv13>      |
| i12ch028s15       | wv12 uas26 retir estimator:: how heard about - none of the above                              |
| i13ch028s15_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - other</wv13>               |
| i14ch028s15_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - other</wv13>               |
| i15ch028s15_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - other</wv13>               |
| i13ch028s16_ans13 | wv13 uas113 retir estimator:: <wv13 ans="" chg=""> how heard abt - none of the above</wv13>   |
| i14ch028s16_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - none of the above</wv13>   |
| i15ch028s16_ans13 | wv15 uas459 retir estimator:: <wv13 ans="" chg=""> how heard abt - none of the above</wv13>   |
| i12ch029          | wv12 uas26 retir estimator:: whether ever used  |
| i13ch029          | wv13 uas113 retir estimator:: whether ever used   |
| i14ch029          | wv15 uas459 retir estimator:: whether ever used   |
| i15ch029          | wv15 uas459 retir estimator:: whether ever used   |
| i12ch030          | wv12 uas26 retir estimator:: main reason why not used   |
| i13ch030          | wv13 uas113 retir estimator:: main reason why not used  |
| i14ch030          | wv15 uas459 retir estimator:: main reason why not used  |

| i15ch030    | wv15 uas459 retir estimator:: main reason why not used                          |
|-------------|---|
| i13ch029b   | wv13 uas113 retir estimator:: what used for - MULT RESP COMBO                   |
| i14ch029b   | wv15 uas459 retir estimator:: what used for - MULT RESP COMBO                   |
| i15ch029b   | wv15 uas459 retir estimator:: what used for - MULT RESP COMBO                   |
| i13ch029bs1 | wv13 uas113 retir estimator:: what used for - estimate amount of benefit        |
| i14ch029bs1 | wv15 uas459 retir estimator:: what used for - estimate amount of benefit        |
| i15ch029bs1 | wv15 uas459 retir estimator:: what used for - estimate amount of benefit        |
| i13ch029bs2 | wv13 uas113 retir estimator:: what used for - find out when eligible            |
| i14ch029bs2 | wv15 uas459 retir estimator:: what used for - find out when eligible            |
| i15ch029bs2 | wv15 uas459 retir estimator:: what used for - find out when eligible            |
| i13ch029bs3 | wv13 uas113 retir estimator:: what used for - learn how benefits are calculated |
| i14ch029bs3 | wv15 uas459 retir estimator:: what used for - learn how benefits are calculated |
| i15ch029bs3 | wv15 uas459 retir estimator:: what used for - learn how benefits are calculated |
| i13ch029bs4 | wv13 uas113 retir estimator:: what used for - verify records                    |
| i14ch029bs4 | wv15 uas459 retir estimator:: what used for - verify records                    |
| i15ch029bs4 | wv15 uas459 retir estimator:: what used for - verify records                    |
| i13ch029bs5 | wv13 uas113 retir estimator:: what used for - other                             |
| i14ch029bs5 | wv15 uas459 retir estimator:: what used for - other                             |
| i15ch029bs5 | wv15 uas459 retir estimator:: what used for - other                             |
| i13ch029c   | wv13 uas113 retir estimator:: able to compute monthly SS benefits               |
| i14ch029c   | wv15 uas459 retir estimator:: able to compute monthly SS benefits               |
| i15ch029c   | wv15 uas459 retir estimator:: able to compute monthly SS benefits               |
| i13ch029d   | wv13 uas113 retir estimator:: calculated benefits LT  about same  GT expected   |
| i14ch029d   | wv15 uas459 retir estimator:: calculated benefits LT  about same  GT expected   |
| i15ch029d   | wv15 uas459 retir estimator:: calculated benefits LT  about same  GT expected   |
| i12ch031a   | wv12 uas26 retir estimator:: experience, confident personal info is secure      |
| i13ch031a   | wv13 uas113 retir estimator:: experience, confident personal info is secure     |
| i14ch031a   | wv15 uas459 retir estimator:: experience, confident personal info is secure     |
| i15ch031a   | wv15 uas459 retir estimator:: experience, confident personal info is secure     |
| i12ch031b   | wv12 uas26 retir estimator:: experience, easy to use                            |

| i13ch031b | wv13 uas113 retir estimator:: experience, easy to use                            |
|-----------|--|
| i14ch031b | wv15 uas459 retir estimator:: experience, easy to use                            |
| i15ch031b | wv15 uas459 retir estimator:: experience, easy to use                            |
| i12q31    | wv12 uas16 SS stmt:: helpful   |
| i12q32    | wv12 uas16 SS stmt:: presence/availability of one pg insert                      |
| i12q32b   | wv12 uas16 SS stmt:: informativeness of one pg insert                            |
| i12ch031c | wv12 uas26 retir estimator:: experience, personal info is accurate               |
| i13ch031c | wv13 uas113 retir estimator:: experience, personal info is accurate              |
| i14ch031c | wv15 uas459 retir estimator:: experience, personal info is accurate              |
| i15ch031c | wv15 uas459 retir estimator:: experience, personal info is accurate              |
| i12ch031d | wv12 uas26 retir estimator:: experience, actual benefits will vary from est      |
| i13ch031d | wv13 uas113 retir estimator:: experience, actual benfit will vary from estimates |
| i14ch031d | wv15 uas459 retir estimator:: experience, actual benfit will vary from estimates |
| i15ch031d | wv15 uas459 retir estimator:: experience, actual benfit will vary from estimates |
| i12ch031e | wv12 uas26 retir estimator:: experience, confidence in acting on estimates       |
| i13ch031e | wv13 uas113 retir estimator:: experience, confidence in acting on estimates      |
| i14ch031e | wv15 uas459 retir estimator:: experience, confidence in acting on estimates      |
| i15ch031e | wv15 uas459 retir estimator:: experience, confidence in acting on estimates      |
| i12ch031f | wv12 uas26 retir estimator:: need other info before make retir saving decisions  |
| i13ch031f | wv13 uas113 retir estimator:: need oth info before make retir savings decisions  |
| i14ch031f | wv15 uas459 retir estimator:: need oth info before make retir savings decisions  |
| i15ch031f | wv15 uas459 retir estimator:: need oth info before make retir savings decisions  |
| i12ch032  | wv12 uas26 retir estimator:: whether willing to use                              |
| i13ch032  | wv13 uas113 retir estimator:: whether willing to use                             |
| i14ch032  | wv15 uas459 retir estimator:: whether willing to use                             |
| i15ch032  | wv15 uas459 retir estimator:: whether willing to use                             |
| i12ch033  | wv12 uas26 retir estimator:: main reason why not willing to use                  |
| i13ch033  | wv13 uas113 retir estimator:: main reason why not willing to use                 |
| i14ch033  | wv15 uas459 retir estimator:: main reason why not willing to use                 |
| i15ch033  | wv15 uas459 retir estimator:: main reason why not willing to use                 |

| i13ch029a  | wv13 uas113 retir estimator:: ever used other retir calculators on SSA website  |
|------------|---|
| i14ch029a  | wv15 uas459 retir estimator:: ever used other retir calculators on SSA website  |
| i15ch029a  | wv15 uas459 retir estimator:: ever used other retir calculators on SSA website  |
| i12ch037   | wv12 uas26 SS:: knwde, age eligible for benefit without early retir reduction   |
| i12ch042   | wv12 uas16 SS stmt:: ever received by mail/online thru My Social Security accnt |
| i13ch042   | wv13 uas113 SS stmt:: ever received by mail/online thru My SS account           |
| i14ch042   | wv15 uas459 SS stmt:: ever received by mail/online thru My SS account           |
| i15ch042   | wv15 uas459 SS stmt:: ever received by mail/online thru My SS account           |
| i15ch042b  | wv15 uas459 SS stmt:: whether last stmt reviewed was paper stmt or online ver   |
| i12ch043   | wv12 uas16 SS stmt:: how carefully it was read                                  |
| i13ch043   | wv13 uas113 SS stmt:: how carefully it was read                                 |
| i14ch043   | wv15 uas459 SS stmt:: how carefully it was read                                 |
| i15ch043   | wv15 uas459 SS stmt:: how carefully it was read                                 |
| i12ch044   | wv12 uas16 SS stmt:: part read - MULT RESPONSE COMBO                            |
| i13ch044   | wv13 uas113 SS stmt:: part read - MULT RESPONSE COMBO                           |
| i14ch044   | wv15 uas459 SS stmt:: part read - MULT RESPONSE COMBO                           |
| i15ch044   | wv15 uas459 SS stmt:: part read - MULT RESPONSE COMBO                           |
| i12ch044s1 | wv12 uas16 SS stmt:: part read - message about future of SS                     |
| i13ch044s1 | wv13 uas113 SS stmt:: part read - message about future of SS                    |
| i14ch044s1 | wv15 uas459 SS stmt:: part read - message about future of SS                    |
| i15ch044s1 | wv15 uas459 SS stmt:: part read - message about future of SS                    |
| i12ch044s2 | wv12 uas16 SS stmt:: part read - projected benefit amounts                      |
| i13ch044s2 | wv13 uas113 SS stmt:: part read - projected benefit amounts                     |
| i14ch044s2 | wv15 uas459 SS stmt:: part read - projected benefit amounts                     |
| i15ch044s2 | wv15 uas459 SS stmt:: part read - projected benefit amounts                     |
| i12ch044s3 | wv12 uas16 SS stmt:: part read - record of yrly earnings                        |
| i13ch044s3 | wv13 uas113 SS stmt:: part read - record of yrly earnings                       |
| i14ch044s3 | wv15 uas459 SS stmt:: part read - record of yrly earnings                       |
| i15ch044s3 | wv15 uas459 SS stmt:: part read - record of yrly earnings                       |
| i12ch044s4 | wv12 uas16 SS stmt:: part read - amount of SS taxes paid                        |

| i13ch044s4      | wv13 uas113 SS stmt:: part read - amount of SS taxes paid              |
|-----------------|--|
| i14ch044s4      | wv15 uas459 SS stmt:: part read - amount of SS taxes paid              |
| i15ch044s4      | wv15 uas459 SS stmt:: part read - amount of SS taxes paid              |
| i12ch044s5      | wv12 uas16 SS stmt:: part read - general info about benefits/products  |
| i13ch044s5      | wv13 uas113 SS stmt:: part read - general info about benefits/products |
| i14ch044s5      | wv15 uas459 SS stmt:: part read - general info about benefits/products |
| i15ch044s5      | wv15 uas459 SS stmt:: part read - general info about benefits/products |
| i12ch044s6      | wv12 uas16 SS stmt:: part read - read info about the website           |
| i13ch044s6      | wv13 uas113 SS stmt:: part read - read info about the website          |
| i14ch044s6      | wv15 uas459 SS stmt:: part read - read info about the website          |
| i15ch044s6      | wv15 uas459 SS stmt:: part read - read info about the website          |
| i13ch044s7      | wv13 uas113 SS stmt:: part read - none of the above                    |
| i14ch044s7      | wv15 uas459 SS stmt:: part read - none of the above                    |
| i15ch044s7      | wv15 uas459 SS stmt:: part read - none of the above                    |
| i12ch045a       | wv12 uas16 SS stmt:: keep stmt with important papers                   |
| i13ch045a       | wv13 uas113 SS stmt:: keep stmt with important papers                  |
| i14ch045a       | wv15 uas459 SS stmt:: keep stmt with important papers                  |
| i15ch045a       | wv15 uas459 SS stmt:: keep stmt with important papers                  |
| i12ch045b       | wv12 uas16 SS stmt:: change personal savings rate                      |
| i13ch045b_que13 | wv13 uas113 SS stmt:: change personal savings rate                     |
| i14ch045b_que13 | wv15 uas459 SS stmt:: change personal savings rate                     |
| i15ch045b_que13 | wv15 uas459 SS stmt:: change personal savings rate                     |
| i12ch045c       | wv12 uas16 SS stmt:: change future financial plans                     |
| i13ch045c       | wv13 uas113 SS stmt:: change future financial plans                    |
| i14ch045c       | wv15 uas459 SS stmt:: change future financial plans                    |
| i15ch045c       | wv15 uas459 SS stmt:: change future financial plans                    |
| i12ch045d       | wv12 uas16 SS stmt:: contact financial advisor                         |
| i13ch045d       | wv13 uas113 SS stmt:: contact financial advisor                        |
| i14ch045d       | wv15 uas459 SS stmt:: contact financial advisor                        |
| i15ch045d       | wv15 uas459 SS stmt:: contact financial advisor                        |

| i13ch045e wv15 uas459 SS stmt:: contact the SSA i15ch045e wv15 uas459 SS stmt:: contact the SSA i15ch045e wv15 uas459 SS stmt:: contact the SSA i12ch045f wv12 uas16 SS stmt:: change intended claiming age i13ch045f wv13 uas113 SS stmt:: change intended claiming age for benefits i14ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i15ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i12ch046 wv12 uas16 SS stmt:: how prefer to receive stmt i13ch046 wv13 uas113 SS stmt:: how prefer to receive stmt i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail i15ch046_follow_a1s1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to share with spouse/family |  |
|---|--|
| i15ch045e wv15 uas459 SS stmt:: contact the SSA i12ch045f wv12 uas16 SS stmt:: change intended claiming age i13ch045f wv13 uas113 SS stmt:: change intended claiming age for benefits i14ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i15ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i12ch046 wv12 uas16 SS stmt:: how prefer to receive stmt i13ch046 wv13 uas113 SS stmt:: how prefer to receive stmt i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records   |  |
| i12ch045f wv12 uas16 SS stmt:: change intended claiming age i13ch045f wv13 uas113 SS stmt:: change intended claiming age for benefits i14ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i15ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i12ch046 wv12 uas16 SS stmt:: how prefer to receive stmt i13ch046 wv13 uas113 SS stmt:: how prefer to receive stmt i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records   |  |
| i13ch045f wv13 uas113 SS stmt:: change intended claiming age for benefits i14ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i15ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i12ch046 wv12 uas16 SS stmt:: how prefer to receive stmt i13ch046 wv13 uas113 SS stmt:: how prefer to receive stmt i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records   |  |
| i14ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i15ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits i12ch046 wv12 uas16 SS stmt:: how prefer to receive stmt i13ch046 wv13 uas113 SS stmt:: how prefer to receive stmt i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records   |  |
| i15ch045f wv15 uas459 SS stmt:: change intended claiming age for benefits  i12ch046 wv12 uas16 SS stmt:: how prefer to receive stmt  i13ch046 wv13 uas113 SS stmt:: how prefer to receive stmt  i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt  i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt  i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail  i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO  i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records  i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records   |  |
| i12ch046 wv12 uas16 SS stmt:: how prefer to receive stmt i13ch046 wv13 uas113 SS stmt:: how prefer to receive stmt i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records   |  |
| i13ch046 wv13 uas113 SS stmt:: how prefer to receive stmt i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records  |  |
| i14ch046 wv15 uas459 SS stmt:: how prefer to receive stmt  i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt  i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail  i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO  i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records  i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records   |  |
| i15ch046 wv15 uas459 SS stmt:: how prefer to receive stmt i14ch046_follow_a1 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records  |  |
| i14ch046_follow_a1  |  |
| i15ch046_follow_a1 wv15 uas459 SS stmt:: why prefer stmt by paper mail - MULT RESP COMBO i14ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records  |  |
| i14ch046_follow_a1s1  |  |
| i15ch046_follow_a1s1 wv15 uas459 SS stmt:: prefer stmt by mail - to file in personal records  |  |
|   |  |
| i14ch046_follow_a1s2 wv15 uas459 SS stmt:: prefer stmt by mail - to share with spouse/family  |  |
|   |  |
| i15ch046_follow_a1s2 wv15 uas459 SS stmt:: prefer stmt by mail - to share with spouse/family  |  |
| i14ch046_follow_a1s3 wv15 uas459 SS stmt:: prefer stmt by mail - easier to receive by mail  |  |
| i15ch046_follow_a1s3 wv15 uas459 SS stmt:: prefer stmt by mail - easier to receive by mail  |  |
| i14ch046_follow_a1s4 wv15 uas459 SS stmt:: prefer stmt by mail - doing online takes more time   |  |
| i15ch046_follow_a1s4 wv15 uas459 SS stmt:: prefer stmt by mail - doing online takes more time   |  |
| i14ch046_follow_a1s5 wv15 uas459 SS stmt:: prefer stmt by mail - cant find stmt online  |  |
| i15ch046_follow_a1s5 wv15 uas459 SS stmt:: prefer stmt by mail - cant find stmt online  |  |
| i14ch046_follow_a1s6 wv15 uas459 SS stmt:: prefer stmt by mail - privacy concerns with online   |  |
| i15ch046_follow_a1s6 wv15 uas459 SS stmt:: prefer stmt by mail - privacy concerns with online   |  |
| i14ch046_follow_a1s7  |  |
| i15ch046_follow_a1s7 wv15 uas459 SS stmt:: prefer stmt by mail - cant put soft copy in records  |  |
| i14ch046_follow_a2 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail, main reason  |  |
| i15ch046_follow_a2 wv15 uas459 SS stmt:: why prefer to receive stmt by paper mail, main reason  |  |

| i14ch046_follow_b1   | wv15 uas459 SS stmt:: why prefer over internet                                  |
|----------------------|---|
| i15ch046_follow_b1   | wv15 uas459 SS stmt:: why prefer over internet - MULT RESP COMBO                |
| i14ch046_follow_b1s1 | wv15 uas459 SS stmt:: why prefer over internet - easier to keep for records     |
| i15ch046_follow_b1s1 | wv15 uas459 SS stmt:: why prefer over internet - easier to keep for records     |
| i14ch046_follow_b1s2 | wv15 uas459 SS stmt:: why prefer over internet - easier to share w spouse/fam   |
| i15ch046_follow_b1s2 | wv15 uas459 SS stmt:: why prefer over internet - easier to share w spouse/fam   |
| i14ch046_follow_b1s3 | wv15 uas459 SS stmt:: why prefer over internet - prevents paper waste           |
| i15ch046_follow_b1s3 | wv15 uas459 SS stmt:: why prefer over internet - prevents paper waste           |
| i14ch046_follow_b1s4 | wv15 uas459 SS stmt:: why prefer over internet - other                          |
| i15ch046_follow_b1s4 | wv15 uas459 SS stmt:: why prefer over internet - other                          |
| i14ch046_follow_b2   | wv15 uas459 SS stmt:: why prefer over internet, main reason                     |
| i15ch046_follow_b2   | wv15 uas459 SS stmt:: why prefer over internet, main reason                     |
| i15t001              | wv15 uas459 SS:: agrmnt w trust SSA communications are accurate & consistent    |
| i15t002              | wv15 uas459 SS:: agrmnt w trust SSA will protect personal info                  |
| i15t003              | wv15 uas459 SS:: agrmnt w comfortable receiving e-communication about retir     |
| i15t004              | wv15 uas459 SS:: agrmnt w trust SSA reps provide accurate & consistent info     |
| i15t005              | wv15 uas459 SS:: agrmnt w trust SSA actively working to improve comm & services |
| i15pd001             | wv14 SS info sources:: preferred device for obtaining retirement info           |
| i13uas16_s7a         | wv13 uas113 from other surv:: k12, uas16 - currently receive SS benefits        |
| i14uas16_s7a         | wv15 uas459 from other surv:: k12, uas16 - currently receive SS benefits        |
| i15uas16_s7a         | wv15 uas459 from other surv:: k12, uas16 - currently receive SS benefits        |
| i13uas94_s7a         | wv13 uas113 from other surv:: k13, uas94 - currently receive SS benefits        |
| i14uas94_s7a         | wv15 uas459 from other surv:: k13, uas94 - currently receive SS benefits        |
| i15uas94_s7a         | wv15 uas459 from other surv:: k13, uas94 - currently receive SS benefits        |
| i15uas231_s7a        | wv15 uas459 from other surv:: k14, uas231 - currently receive SS benefits       |
| i13s7a               | wv13 uas113 SS:: currently receives SS benefits                                 |
| i14s7a               | wv15 uas459 SS:: currently receives SS benefits                                 |
| i15s7a               | wv15 uas459 SS:: currently receives SS benefits                                 |
| i13ch047             | wv13 uas113 SS:: how will file for benefits                                     |
| i14ch047             | wv15 uas459 SS:: how will file for benefits                                     |

| i15ch047        | wv15 uas459 SS:: how will file for benefits  |
|-----------------|--|
| i12ch048a       | wv12 uas16 SS info sources:: usefulness, written advice/material via web/mail                    |
| i13ch048a       | wv13 uas113 SS info sources:: usefulnes, written materials via website/mailing                   |
| i14ch048a       | wv15 uas459 SS info sources:: usefulnes, written materials via website/mailing                   |
| i15ch048a       | wv15 uas459 SS info sources:: usefulnes, written materials via website/mailing                   |
| i12ch048b       | wv12 uas16 SS info sources:: usefulness, webinars/online videos                                  |
| i13ch048b_que13 | wv13 uas113 SS info sources:: <wv13 chg="" qus="" text=""> usefulness, webinar/web videos</wv13> |
| i14ch048b_que13 | wv15 uas459 SS info sources:: <wv13 chg="" qus="" text=""> usefulness, webinar/web videos</wv13> |
| i15ch048b_que13 | wv15 uas459 SS info sources:: <wv13 chg="" qus="" text=""> usefulness, webinar/web videos</wv13> |
| i13ch048c       | wv13 uas113 SS info sources:: usefulness, retirement calculators                                 |
| i14ch048c       | wv15 uas459 SS info sources:: usefulness, retirement calculators                                 |
| i15ch048c       | wv15 uas459 SS info sources:: usefulness, retirement calculators                                 |
| i13ch048d       | wv13 uas113 SS info sources:: usefulness, psa for tv/radio                                       |
| i14ch048d       | wv15 uas459 SS info sources:: usefulness, psa for tv/radio                                       |
| i15ch048d       | wv15 uas459 SS info sources:: usefulness, psa for tv/radio                                       |
| i13ch048e       | wv13 uas113 SS info sources:: usefulness, phone line   |
| i14ch048e       | wv15 uas459 SS info sources:: usefulness, phone line   |
| i15ch048e       | wv15 uas459 SS info sources:: usefulness, phone line   |
| i13ch049        | wv13 uas113 SS:: future helpfulness of info - MULT RESP COMBO                                    |
| i14ch049        | wv15 uas459 SS:: future helpfulness of info - MULT RESP COMBO                                    |
| i15ch049        | wv15 uas459 SS:: future helpfulness of info - MULT RESP COMBO                                    |
| i13ch049s1      | wv13 uas113 SS:: future helpfulness of info - how to plan for retirement                         |
| i14ch049s1      | wv15 uas459 SS:: future helpfulness of info - how to plan for retirement                         |
| i15ch049s1      | wv15 uas459 SS:: future helpfulness of info - how to plan for retirement                         |
| i13ch049s2      | wv13 uas113 SS:: future helpfulness of info - how to apply for SS benefits                       |
| i14ch049s2      | wv15 uas459 SS:: future helpfulness of info - how to apply for SS benefits                       |
| i15ch049s2      | wv15 uas459 SS:: future helpfulness of info - how to apply for SS benefits                       |
| i13ch049s3      | wv13 uas113 SS:: future helpfulness of info - SS benefit amount to be received                   |
| i14ch049s3      | wv15 uas459 SS:: future helpfulness of info - SS benefit amount to be received                   |
| i15ch049s3      | wv15 uas459 SS:: future helpfulness of info - SS benefit amount to be received                   |

| i13ch049s4 | wv13 uas113 SS:: future helpfulness of info - abt future solvency of SS system  |
|------------|---|
| i14ch049s4 | wv15 uas459 SS:: future helpfulness of info - abt future solvency of SS system  |
| i15ch049s4 | wv15 uas459 SS:: future helpfulness of info - abt future solvency of SS system  |
| i13ch049s5 | wv13 uas113 SS:: future helpfulness of info - taxes & deductions from SS benfit |
| i14ch049s5 | wv15 uas459 SS:: future helpfulness of info - taxes & deductions from SS benfit |
| i15ch049s5 | wv15 uas459 SS:: future helpfulness of info - taxes & deductions from SS benfit |
| i13ch049s6 | wv13 uas113 SS:: future helpfulness of info - spousal/survivor benefits         |
| i14ch049s6 | wv15 uas459 SS:: future helpfulness of info - spousal/survivor benefits         |
| i15ch049s6 | wv15 uas459 SS:: future helpfulness of info - spousal/survivor benefits         |
| i13ch049s7 | wv13 uas113 SS:: future helpfulness of info - none of the above                 |
| i14ch049s7 | wv15 uas459 SS:: future helpfulness of info - none of the above                 |
| i15ch049s7 | wv15 uas459 SS:: future helpfulness of info - none of the above                 |
| i14ch050a  | wv14 SS info sources:: preferred source - replace SS card                       |
| i15ch050a  | wv14 SS info sources:: preferred source - replace SS card                       |
| i14ch050b  | wv14 SS info sources:: preferred source - correct earnings mistake in record    |
| i15ch050b  | wv14 SS info sources:: preferred source - correct earnings mistake in record    |
| i14ch050c  | wv14 SS info sources:: preferred source - info about retir                      |
| i15ch050c  | wv14 SS info sources:: preferred source - info about retir                      |
| i14ch050d  | wv14 SS info sources:: preferred source - complete app for retir benefit        |
| i15ch050d  | wv14 SS info sources:: preferred source - complete app for retir benefit        |
| i14ch050e  | wv14 SS info sources:: preferred source - sched appointment to discuss app      |
| i15ch050e  | wv14 SS info sources:: preferred source - sched appointment to discuss app      |
| i14ch050f  | wv14 SS info sources:: preferred source - check on app while being processed    |
| i15ch050f  | wv14 SS info sources:: preferred source - check on app while being processed    |
| i14ch050g  | wv14 SS info sources:: preferred source - proof of benfit or no benfit letter   |
| i15ch050g  | wv14 SS info sources:: preferred source - proof of benfit or no benfit letter   |
| i14ch050h  | wv14 SS info sources:: preferred source - estimate future benefits              |
| i15ch050h  | wv14 SS info sources:: preferred source - estimate future benefits              |
| i14ch050i  | wv14 SS info sources:: preferred source - get SS stmt                           |
| i15ch050i  | wv14 SS info sources:: preferred source - get SS stmt                           |

| i14ch050j          | wv14 SS info sources:: preferred source - appeal decision about benefits        |
|--------------------|---|
| i15ch050j          | wv14 SS info sources:: preferred source - appeal decision about benefits        |
| i14ch050k          | wv14 SS info sources:: preferred source - determine if qualify for benefits     |
| i15ch050k          | wv14 SS info sources:: preferred source - determine if qualify for benefits     |
| i14ch050l          | wv14 SS info sources:: preferred source - replacement form SSA-1099/SSA-1042S   |
| i15ch050l          | wv14 SS info sources:: preferred source - replacement form SSA-1099/SSA-1042S   |
| i14ch050m          | wv14 SS info sources:: preferred source - see SS/Medcare/SSI benfit & personal  |
| i15ch050m          | wv14 SS info sources:: preferred source - see SS/Medcare/SSI benfit & personal  |
| i15e001            | wv15 uas459 society:: say people like me have over issues addressed by govt     |
| i15e002            | wv15 uas459 society:: how pos/neg U.S. society generally views people like me   |
| i12dy001           | wv12 uas26 difficulty:: if work on task feels difficult, means it is important  |
| i12dy002           | wv12 uas26 difficulty:: task importnce sign is difficulty felt while working it |
| i12dy003           | wv12 uas26 difficulty:: struggling to complete task reminds that its important  |
| i12dy004           | wv12 uas26 difficulty:: if a task difficult, prolly important for me to do well |
| i12dy005           | wv12 uas26 difficulty:: tasks that feel difficult are important                 |
| i12dy006           | wv12 uas26 difficulty:: if task is difficult, means it is important for me      |
| i12dy007           | wv12 uas26 difficulty:: if feel stuck on task, effort better spent elsewhere    |
| i12dy008           | wv12 uas26 difficulty:: if task feel difficult, task type not possible for me   |
| i12dy009           | wv12 uas26 difficulty:: peeps do wrk not meant for. if task difficult, move on  |
| i12dy010           | wv12 uas26 difficulty:: when wrking task feels hard, feeling means not for me   |
| i12dy011           | wv12 uas26 difficulty:: finding task real difficult tells me I cant complete it |
| i12dy012           | wv12 uas26 difficulty:: if task is real difficult, may not be possible for me   |
| i12dy015_order_1_  | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 1st ques                      |
| i12dy015_order_10_ | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 10th ques                     |
| i12dy015_order_11_ | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 11th ques                     |
| i12dy015_order_12_ | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 12th ques                     |
| i12dy015_order_2_  | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 2nd ques                      |
| i12dy015_order_3_  | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 3rd ques                      |
| i12dy015_order_4_  | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 4th ques                      |
| i12dy015_order_5_  | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 5th ques                      |

| i12dy015_order_6_ | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 6th ques     |
|-------------------|--|
| i12dy015_order_7_ | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 7th ques     |
| i12dy015_order_8_ | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 8th ques     |
| i12dy015_order_9_ | wv12 uas26 difficulty:: QUES ORDER - dy001-dy012, 9th ques     |
| i12b001           | wv12 uas26 background:: whether has children                   |
| i12b002           | wv12 uas26 background:: whether has twins                      |
| i12b003           | wv12 uas26 background:: whether twins below 6 years old        |
| i12b004           | wv12 uas26 background:: number of children before having twins |

Table B.6 Topic C Variables included in the Comprehensive File

| Variable Name  | Variable Label   |
|----------------|--|
| c12s001        | wv12 uas38 subj numeracy scale:: self-perceived skill w fractions                |
| c12s002        | wv12 uas38 subj numeracy scale:: self-perceived skill w percentages              |
| c12s003        | wv12 uas38 subj numeracy scale:: self-perceived skill w calculating 15% tip      |
| c12s004        | wv12 uas38 subj numeracy scale:: self-perceived skill w calclating 25% discount  |
| c12s005        | wv12 uas38 subj numeracy scale:: helpfulness of newpaper tables & graphs         |
| c12s006        | wv12 uas38 subj numeracy scale:: prefer chances stated in words vs in nums       |
| c12s007        | wv12 uas38 subj numeracy scale:: prefer weather predictns stated in words vs %s  |
| c12s008        | wv12 uas38 subj numeracy scale:: how often find numerical info useful            |
| c12total       | wv12 uas38 subj numeracy scale:: SNS total - sum non-miss ratings in s001-s008   |
| c12avgsnsscore | wv12 uas38 subj numeracy scale:: SNS Score - ave non-miss ratings in s001-s008   |
| c12c001        | wv12 uas38 fncl well-being scale:: extent r can handle major unexpectd expenses  |
| c13c001        | wv13 uas177 fncl well-being scale:: extent r can handle major unexpectd expenses |
| c14c001        | wv14 uas413 fncl well-being scale:: extent r can handle major unexpectd expenses |
| c12c002        | wv12 uas38 fncl well-being scale:: extent that r currently securing fncl future  |
| c13c002        | wv13 uas177 fncl well-being scale:: extent that r currntly securing fncl future  |
| c14c002        | wv14 uas413 fncl well-being scale:: extent that r currntly securing fncl future  |
| c12c003        | wv12 uas38 fncl well-being scale:: extent money stops from having things wanted  |
| c13c003        | wv13 uas177 fncl well-being scale:: extent money stop from having things wanted  |
| c14c003        | wv14 uas413 fncl well-being scale:: extent money stop from having things wanted  |
| c12c004        | wv12 uas38 fncl well-being scale:: extent enjoying life due to good money mngmt  |
| c13c004        | wv13 uas177 fncl well-being scale:: extent enjoyin life due to good money mngmt  |
| c14c004        | wv14 uas413 fncl well-being scale:: extent enjoyin life due to good money mngmt  |
| c12c005        | wv12 uas38 fncl well-being scale:: extent that r is just getting by financially  |
| c13c005        | wv13 uas177 fncl well-being scale:: extent r is just getting by financially      |
| c14c005        | wv14 uas413 fncl well-being scale:: extent r is just getting by financially      |
| c12c006        | wv12 uas38 fncl well-being scale:: level of concern that money will not last     |
| c13c006        | wv13 uas177 fncl well-being scale:: level of concern that money will not last    |
| c14c006        | wv14 uas413 fncl well-being scale:: level of concern that money will not last    |

| c12c007          | wv12 uas38 fncl well-being scale:: freq that purchasing gift causes fncl strain |
|------------------|---|
| c13c007          | wv13 uas177 fncl well-being scale:: freq that purchasin gift causes fncl strain |
| c14c007          | wv14 uas413 fncl well-being scale:: freq that purchasin gift causes fncl strain |
| c12c008          | wv12 uas38 fncl well-being scale:: freq that have money left over at end of mo  |
| c13c008          | wv13 uas177 fncl well-being scale:: freq that have money left over at end of mo |
| c14c008          | wv14 uas413 fncl well-being scale:: freq that have money left over at end of mo |
| c12c009          | wv12 uas38 fncl well-being scale:: freq that behind with finances               |
| c13c009          | wv13 uas177 fncl well-being scale:: freq that behind with finances              |
| c14c009          | wv14 uas413 fncl well-being scale:: freq that behind with finances              |
| c12c010          | wv12 uas38 fncl well-being scale:: freq that finances control life              |
| c13c010          | wv13 uas177 fncl well-being scale:: freq that finances control life             |
| c14c010          | wv14 uas413 fncl well-being scale:: freq that finances control life             |
| c12c011          | wv12 uas38 fncl well-being scale:: age 18-61    62+                             |
| c13c011          | wv13 uas177 fncl well-being scale:: age 18-61    62+                            |
| c14c011          | wv14 uas413 fncl well-being scale:: age 18-61    62+                            |
| c12c012          | wv12 uas38 fncl well-being scale:: read surv ques myself    ques read to me     |
| c13c012          | wv13 uas177 fncl well-being scale:: read surv ques myself    ques read to me    |
| c14c012          | wv14 uas413 fncl well-being scale:: read surv ques myself    ques read to me    |
| c12part1score_1_ | wv12 uas38 fncl well-being scale:: recode of c001 to 4-to-0 range               |
| c13part1score_1_ | wv13 uas177 fncl well-being scale:: recode of c001 to 4-to-0 range              |
| c14part1score_1_ | wv14 uas413 fncl well-being scale:: recode of c001 to 4-to-0 range              |
| c12part1score_2_ | wv12 uas38 fncl well-being scale:: recode of c002 to 4-to-0 range               |
| c13part1score_2_ | wv13 uas177 fncl well-being scale:: recode of c002 to 4-to-0 range              |
| c14part1score_2_ | wv14 uas413 fncl well-being scale:: recode of c002 to 4-to-0 range              |
| c12part1score_3_ | wv12 uas38 fncl well-being scale:: reverse score & recode c003 to 4-to-0 range  |
| c13part1score_3_ | wv13 uas177 fncl well-being scale:: reverse score & recode c003 to 4-to-0 range |
| c14part1score_3_ | wv14 uas413 fncl well-being scale:: reverse score & recode c003 to 4-to-0 range |
| c12part1score_4_ | wv12 uas38 fncl well-being scale:: recode of c004 to 4-to-0 range               |
| c13part1score_4_ | wv13 uas177 fncl well-being scale:: recode of c004 to 4-to-0 range              |
| c14part1score_4_ | wv14 uas413 fncl well-being scale:: recode of c004 to 4-to-0 range              |

| c12part1score_5_  | wv12 uas38 fncl well-being scale:: reverse score & recode c005 to 4-to-0 range  |
|-------------------|---|
| c13part1score_5_  | wv13 uas177 fncl well-being scale:: reverse score & recode c005 to 4-to-0 range |
| c14part1score_5_  | wv14 uas413 fncl well-being scale:: reverse score & recode c005 to 4-to-0 range |
| c12part1score_6_  | wv12 uas38 fncl well-being scale:: reverse score & recode c006 to 4-to-0 range  |
| c13part1score_6_  | wv13 uas177 fncl well-being scale:: reverse score & recode c006 to 4-to-0 range |
| c14part1score_6_  | wv14 uas413 fncl well-being scale:: reverse score & recode c006 to 4-to-0 range |
| c12part2score_1_  | wv12 uas38 fncl well-being scale:: reverse score & recode c007 to 4-to-0 range  |
| c13part2score_1_  | wv13 uas177 fncl well-being scale:: reverse score & recode c007 to 4-to-0 range |
| c14part2score_1_  | wv14 uas413 fncl well-being scale:: reverse score & recode c007 to 4-to-0 range |
| c12part2score_2_  | wv12 uas38 fncl well-being scale:: recode of c008 to 4-to-0 range               |
| c13part2score_2_  | wv13 uas177 fncl well-being scale:: recode of c008 to 4-to-0 range              |
| c14part2score_2_  | wv14 uas413 fncl well-being scale:: recode of c008 to 4-to-0 range              |
| c12part2score_3_  | wv12 uas38 fncl well-being scale:: reverse score & recode c009 to 4-to-0 range  |
| c13part2score_3_  | wv13 uas177 fncl well-being scale:: reverse score & recode c009 to 4-to-0 range |
| c14part2score_3_  | wv14 uas413 fncl well-being scale:: reverse score & recode c009 to 4-to-0 range |
| c12part2score_4_  | wv12 uas38 fncl well-being scale:: reverse score & recode c010 to 4-to-0 range  |
| c13part2score_4_  | wv13 uas177 fncl well-being scale:: reverse score & recode c010 to 4-to-0 range |
| c14part2score_4_  | wv14 uas413 fncl well-being scale:: reverse score & recode c010 to 4-to-0 range |
| c12part1sub       | wv12 uas38 fncl well-being scale:: Part 1 subtotal during calc of CFPB score    |
| c13part1sub       | wv13 uas177 fncl well-being scale:: Part 1 subtotal during calc of CFPB score   |
| c14part1sub       | wv14 uas413 fncl well-being scale:: Part 1 subtotal during calc of CFPB score   |
| c12part2sub       | wv12 uas38 fncl well-being scale:: Part 2 subtotal during calc of CFPB score    |
| c13part2sub       | wv13 uas177 fncl well-being scale:: Part 2 subtotal during calc of CFPB score   |
| c14part2sub       | wv14 uas413 fncl well-being scale:: Part 2 subtotal during calc of CFPB score   |
| c12totalrespvalue | wv12 uas38 fncl well-being scale:: Total response value of recoded CFPB ques    |
| c13totalrespvalue | wv13 uas177 fncl well-being scale:: Total response value of recoded CFPB ques   |
| c14totalrespvalue | wv14 uas413 fncl well-being scale:: Total response value of recoded CFPB ques   |
| c12wellbeingscore | wv12 uas38 fncl well-being scale:: CFPB score                                   |
| c13wellbeingscore | wv13 uas177 fncl well-being scale:: CFPB score                                  |
|                   |   |

| c13wellbeingscore_fwb | wv13 uas177 fncl well-being scale:: CFPB score, IRT-based              |
|-----------------------|--|
| c12c013               | wv12 uas38 financial well-being:: confidence in making fncl decisions  |
| c13c013               | wv13 uas177 financial well-being:: confidence in making fncl decisions |
| c14c013               | wv14 uas413 financial well-being:: confidence in making fncl decisions |

Table B.7 Topic N Variables included in the Comprehensive File

| Variable Name | Variable Label   |
|---------------|--|
| n12nsa_score  | wv12 uas42 WJ:: Number Series, total raw score         |
| n14nsa_score  | wv14 uas292 WJ:: Number Series, total raw score        |
| n13nsb_score  | wv13 uas83 WJ:: Number Series, total raw score         |
| n15nsb_score  | wv15 uas483 WJ:: Number Series, total raw score        |
| n12num_cog    | wv12 uas42 WJ:: Number Series, IRT-based series score  |
| n13num_cog    | wv13 uas83 WJ:: Number Series, IRT-based series score  |
| n14num_cog    | wv14 uas292 WJ:: Number Series, IRT-based series score |
| n15num_cog    | wv15 uas483 WJ:: Number Series, IRT-based series score |

Table B.8 Topic V Variables included in the Comprehensive File

| Variable Name | Variable Label  |
|---------------|---|
| v12pva_score  | wv12 uas43 WJ:: Picture Vocabulary, total raw score         |
| v13pvb_score  | wv13 uas84 WJ:: Picture Vocabulary, total raw score         |
| v15pvb_score  | wv15 uas484 WJ:: Picture Vocabulary, total raw score        |
| v12pvoc_cog   | wv12 uas43 WJ:: Picture Vocabulary, IRT-based series score  |
| v13pvoc_cog   | wv13 uas84 WJ:: Picture Vocabulary, IRT-based series score  |
| v14pvoc_cog   | wv14 uas293 WJ:: Picture Vocabulary, IRT-based series score |
| v15pvoc_cog   | wv15 uas484 WJ:: Picture Vocabulary, IRT-based series score |

Table B.9 Topic A Variables included in the Comprehensive File

| Variable Name | Variable Label  |
|---------------|---|
| a12vea_score  | wv12 uas44 WJ:: Verbal Analogies, total raw score         |
| a14vea_score  | wv14 uas294 WJ:: Verbal Analogies, total raw score        |
| a13veb_score  | wv13 uas85 WJ:: Verbal Analogies, total raw score         |
| a15veb_score  | wv15 uas485 WJ:: Verbal Analogies, total raw score        |
| a12vana_cog   | wv12 uas44 WJ:: Verbal Analogies, IRT-based series score  |
| a13vana_cog   | wv13 uas85 WJ:: Verbal Analogies, IRT-based series score  |
| a14vana_cog   | wv14 uas294 WJ:: Verbal Analogies, IRT-based series score |

| a15vana_cog | wv15 uas485 WJ:: Verbal Analogies, IRT-based series score |
|-------------|---|
|-------------|---|

Table B.10 Topic D Variables included in the Comprehensive File

| Variable Name    | Variable Label  |
|------------------|---|
| d14reward        | wv14 uas322:: reward  |
| d15reward        | wv15 uas551:: reward  |
| d14currentage    | wv14 uas322:: current calculated age  |
| d15currentage    | wv15 uas551:: current calculated age  |
| d14pur1          | wv14 uas322 SS disability knwge:: how char pgms - MULT RESP COMBO               |
| d15pur1          | wv15 uas551 SS disability knwge:: how char pgms - MULT RESP COMBO               |
| d14pur1s1        | wv14 uas322 SS disability knwge:: how char pgms - public ins pgm                |
| d15pur1s1        | wv15 uas551 SS disability knwge:: how char pgms - public ins pgm                |
| d14pur1s2        | wv14 uas322 SS disability knwge:: how char pgms - pension plan/annuity          |
| d15pur1s2        | wv15 uas551 SS disability knwge:: how char pgms - pension plan/annuity          |
| d14pur1s3        | wv14 uas322 SS disability knwge:: how char pgms - assist for those in need      |
| d15pur1s3        | wv15 uas551 SS disability knwge:: how char pgms - assist for those in need      |
| d14pur1s4        | wv14 uas322 SS disability knwge:: how char pgms - welfare pgm                   |
| d15pur1s4        | wv15 uas551 SS disability knwge:: how char pgms - welfare pgm                   |
| d14pur1s5        | wv14 uas322 SS disability knwge:: how char pgms - other                         |
| d15pur1s5        | wv15 uas551 SS disability knwge:: how char pgms - other                         |
| d14pur1_order_1_ | wv14 uas322 SS disability knwge:: how char pgms - ANS ORDER, 1st option         |
| d15pur1_order_1_ | wv15 uas551 SS disability knwge:: how char pgms - ANS ORDER, 1st option         |
| d14pur1_order_2_ | wv14 uas322 SS disability knwge:: how char pgms - ANS ORDER, 2nd option         |
| d15pur1_order_2_ | wv15 uas551 SS disability knwge:: how char pgms - ANS ORDER, 2nd option         |
| d14pur1_order_3_ | wv14 uas322 SS disability knwge:: how char pgms - ANS ORDER, 3rd option         |
| d15pur1_order_3_ | wv15 uas551 SS disability knwge:: how char pgms - ANS ORDER, 3rd option         |
| d14pur1_order_4_ | wv14 uas322 SS disability knwge:: how char pgms - ANS ORDER, 4th option         |
| d15pur1_order_4_ | wv15 uas551 SS disability knwge:: how char pgms - ANS ORDER, 4th option         |
| d14pur1_order_5_ | wv14 uas322 SS disability knwge:: how char pgms - ANS ORDER, 5th option         |
| d15pur1_order_5_ | wv15 uas551 SS disability knwge:: how char pgms - ANS ORDER, 5th option         |
| d14pur2a         | wv14 uas322 SS disability opin:: benfits are impt for protecting people in need |
| d15pur2a         | wv15 uas551 SS disability opin:: benfits are impt for protecting people in need |

| d14pur2b         | wv14 uas322 SS disability opin:: too many receive benefits who dont need them  |
|------------------|--|
| d15pur2b         | wv15 uas551 SS disability opin:: too many receive benefits who dont need them  |
| d14pur2c         | wv14 uas322 SS disability opin:: many with disabilities need benefits          |
| d15pur2c         | wv15 uas551 SS disability opin:: many with disabilities need benefits          |
| d14pur2d         | wv14 uas322 SS disability opin:: would definitely apply for benefits if needed |
| d15pur2d         | wv15 uas551 SS disability opin:: would definitely apply for benefits if needed |
| d14pur2e         | wv14 uas322 SS disability opin:: there is stigma attached to receving benefits |
| d15pur2e         | wv15 uas551 SS disability opin:: there is stigma attached to receving benefits |
| d14pur2_order_1_ | wv14 uas322 SS disability opin:: QUES ORDER - pur2a-pur2e, 1st ques            |
| d15pur2_order_1_ | wv15 uas551 SS disability opin:: QUES ORDER - pur2a-pur2e, 1st ques            |
| d14pur2_order_2_ | wv14 uas322 SS disability opin:: QUES ORDER - pur2a-pur2e, 2nd ques            |
| d15pur2_order_2_ | wv15 uas551 SS disability opin:: QUES ORDER - pur2a-pur2e, 2nd ques            |
| d14pur2_order_3_ | wv14 uas322 SS disability opin:: QUES ORDER - pur2a-pur2e, 3rd ques            |
| d15pur2_order_3_ | wv15 uas551 SS disability opin:: QUES ORDER - pur2a-pur2e, 3rd ques            |
| d14pur2_order_4_ | wv14 uas322 SS disability opin:: QUES ORDER - pur2a-pur2e, 4th ques            |
| d15pur2_order_4_ | wv15 uas551 SS disability opin:: QUES ORDER - pur2a-pur2e, 4th ques            |
| d14pur2_order_5_ | wv14 uas322 SS disability opin:: QUES ORDER - pur2a-pur2e, 5th ques            |
| d15pur2_order_5_ | wv15 uas551 SS disability opin:: QUES ORDER - pur2a-pur2e, 5th ques            |
| d14pur3          | wv14 uas322 SS disability knwge:: origin of funds - MULT RESP COMBO            |
| d15pur3          | wv15 uas551 SS disability knwge:: origin of funds - MULT RESP COMBO            |
| d14pur3s1        | wv14 uas322 SS disability knwge:: origin of funds - income & sales taxes       |
| d15pur3s1        | wv15 uas551 SS disability knwge:: origin of funds - income & sales taxes       |
| d14pur3s2        | wv14 uas322 SS disability knwge:: origin of funds - local & state governments  |
| d15pur3s2        | wv15 uas551 SS disability knwge:: origin of funds - local & state governments  |
| d14pur3s3        | wv14 uas322 SS disability knwge:: origin of funds - disability ins trust fund  |
| d15pur3s3        | wv15 uas551 SS disability knwge:: origin of funds - disability ins trust fund  |
| d14pur3s4        | wv14 uas322 SS disability knwge:: origin of funds - national debt              |
| d15pur3s4        | wv15 uas551 SS disability knwge:: origin of funds - national debt              |
| d14pur3s5        | wv14 uas322 SS disability knwge:: origin of funds - SS taxes                   |
| d15pur3s5        | wv15 uas551 SS disability knwge:: origin of funds - SS taxes                   |

| d14sco1          | wv14 uas322 SS disability knwge:: main causes of dty- MULT RESP COMBO          |
|------------------|--|
| d15sco1          | wv15 uas551 SS disability knwge:: main causes of dty- MULT RESP COMBO          |
| d14sco1s1        | wv14 uas322 SS disability knwge:: main causes of dty- menthal health           |
| d15sco1s1        | wv15 uas551 SS disability knwge:: main causes of dty- menthal health           |
| d14sco1s2        | wv14 uas322 SS disability knwge:: main causes of dty- cancer                   |
| d15sco1s2        | wv15 uas551 SS disability knwge:: main causes of dty- cancer                   |
| d14sco1s3        | wv14 uas322 SS disability knwge:: main causes of dty- musculoskeletal cond     |
| d15sco1s3        | wv15 uas551 SS disability knwge:: main causes of dty- musculoskeletal cond     |
| d14sco1s4        | wv14 uas322 SS disability knwge:: main causes of dty- neurological disorders   |
| d15sco1s4        | wv15 uas551 SS disability knwge:: main causes of dty- neurological disorders   |
| d14sco1s5        | wv14 uas322 SS disability knwge:: main causes of dty- chronic (e.g. diab, hrt) |
| d15sco1s5        | wv15 uas551 SS disability knwge:: main causes of dty- chronic (e.g. diab, hrt) |
| d14sco1s6        | wv14 uas322 SS disability knwge:: main causes of dty- short-term work inj/ill  |
| d15sco1s6        | wv15 uas551 SS disability knwge:: main causes of dty- short-term work inj/ill  |
| d14sco1s7        | wv14 uas322 SS disability knwge:: main causes of dty- shrt-trm non-wrk inj/ill |
| d15sco1s7        | wv15 uas551 SS disability knwge:: main causes of dty- shrt-trm non-wrk inj/ill |
| d14sco1s8        | wv14 uas322 SS disability knwge:: main causes of dty- pregnancy                |
| d15sco1s8        | wv15 uas551 SS disability knwge:: main causes of dty- pregnancy                |
| d14sco1s9        | wv14 uas322 SS disability knwge:: main causes of dty- fraud                    |
| d15sco1s9        | wv15 uas551 SS disability knwge:: main causes of dty- fraud                    |
| d14sco1s10       | wv14 uas322 SS disability knwge:: main causes of dty- other                    |
| d15sco1s10       | wv15 uas551 SS disability knwge:: main causes of dty- other                    |
| d14sco1_order_1_ | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 1st option    |
| d15sco1_order_1_ | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 1st option    |
| d14sco1_order_2_ | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 2nd option    |
| d15sco1_order_2_ | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 2nd option    |
| d14sco1_order_3_ | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 3rd option    |
| d15sco1_order_3_ | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 3rd option    |
| d14sco1_order_4_ | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 4th option    |
| d15sco1_order_4_ | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 4th option    |

| d14sco1_order_5_  | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 5th option     |
|-------------------|---|
| d15sco1_order_5_  | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 5th option     |
| d14sco1_order_6_  | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 6th option     |
| d15sco1_order_6_  | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 6th option     |
| d14sco1_order_7_  | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 7th option     |
| d15sco1_order_7_  | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 7th option     |
| d14sco1_order_8_  | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 8th option     |
| d15sco1_order_8_  | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 8th option     |
| d14sco1_order_9_  | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 9th option     |
| d15sco1_order_9_  | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 9th option     |
| d14sco1_order_10_ | wv14 uas322 SS disability knwge:: main causes of dty- ANS ORDER, 10th option    |
| d15sco1_order_10_ | wv15 uas551 SS disability knwge:: main causes of dty- ANS ORDER, 10th option    |
| d14sco1a          | wv14 uas322 SS disability knwge:: most common cause of dty                      |
| d15sco1a          | wv15 uas551 SS disability knwge:: most common cause of dty                      |
| d14sco1a_order_1_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 1st opt |
| d15sco1a_order_1_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 1st opt |
| d14sco1a_order_2_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 2nd opt |
| d15sco1a_order_2_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 2nd opt |
| d14sco1a_order_3_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 3rd opt |
| d15sco1a_order_3_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 3rd opt |
| d14sco1a_order_4_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 4th opt |
| d15sco1a_order_4_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 4th opt |
| d14sco1a_order_5_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 5th opt |
| d15sco1a_order_5_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 5th opt |
| d14sco1a_order_6_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 6th opt |
| d15sco1a_order_6_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 6th opt |
| d14sco1a_order_7_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 7th opt |
| d15sco1a_order_7_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 7th opt |
| d14sco1a_order_8_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 8th opt |
| d15sco1a_order_8_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 8th opt |

| d14sco1a_order_9_  | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 9th opt |
|--------------------|---|
| d15sco1a_order_9_  | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 9th opt |
| d14sco1a_order_10_ | wv14 uas322 SS disability knwge:: most common cause of dty - ANS ORDER, 10th op |
| d15sco1a_order_10_ | wv15 uas551 SS disability knwge:: most common cause of dty - ANS ORDER, 10th op |
| d14sco2            | wv14 uas322 SS disability knwge:: perc of applicants approved for benefits      |
| d14sco3_randomizer | wv14 uas322 SS disability knwge:: QUES ORDER - sco3a-sco3c                      |
| d15sco3_randomizer | wv15 uas551 SS disability knwge:: QUES ORDER - sco3a-sco3c                      |
| d14sco3a           | wv14 uas322 SS disability knwge:: percentage of adults receive SS retirement    |
| d15sco3a           | wv15 uas551 SS disability knwge:: percentage of adults receive SS retirement    |
| d14sco3b           | wv14 uas322 SS disability knwge:: percentage of adults receive SS disability    |
| d15sco3b           | wv15 uas551 SS disability knwge:: percentage of adults receive SS disability    |
| d14sco3c           | wv14 uas322 SS disability knwge:: percentage of adults receive SNAP/food stamps |
| d15sco3c           | wv15 uas551 SS disability knwge:: percentage of adults receive SNAP/food stamps |
| d14sco5            | wv14 uas322 SS disability knwge:: how much benes receive per mo                 |
| d15sco5            | wv15 uas551 SS disability knwge:: how much benes receive per mo                 |
| d14sco5_fol        | wv14 uas322 SS disability knwge:: how much benes receive per mo, confirmaiton   |
| d15sco5_fol        | wv15 uas551 SS disability knwge:: how much benes receive per mo, confirmaiton   |
| d14sco6            | wv14 uas322 SS disability knwge:: about benes - MULT RESP COMBO                 |
| d15sco6            | wv15 uas551 SS disability knwge:: about benes - MULT RESP COMBO                 |
| d14sco6s1          | wv14 uas322 SS disability knwge:: about benes - very small % are < than 35      |
| d15sco6s1          | wv15 uas551 SS disability knwge:: about benes - very small % are < than 35      |
| d14sco6s2          | wv14 uas322 SS disability knwge:: about benes - majorty start when young & stay |
| d15sco6s2          | wv15 uas551 SS disability knwge:: about benes - majorty start when young & stay |
| d14sco6s3          | wv14 uas322 SS disability knwge:: about benes - majority are older than 50      |
| d15sco6s3          | wv15 uas551 SS disability knwge:: about benes - majority are older than 50      |
| d14sco6s4          | wv14 uas322 SS disability knwge:: about benes - small % diffclty w daily living |
| d15sco6s4          | wv15 uas551 SS disability knwge:: about benes - small % diffclty w daily living |
| d14sco6s5          | wv14 uas322 SS disability knwge:: about benes - most in HH w income < 25k       |
| d15sco6s5          | wv15 uas551 SS disability knwge:: about benes - most in HH w income < 25k       |
| d14sco6s6          | wv14 uas322 SS disability knwge:: about benes - none of the above               |

| d15sco6s6        | wv15 uas551 SS disability knwge:: about benes - none of the above                |
|------------------|--|
| d14sco7_position | wv14 uas322 SS disability knwge:: position of sco7 veterans question             |
| d15sco7_position | wv15 uas551 SS disability knwge:: position of sco7 veterans question             |
| d14sco7          | wv14 uas322 SS disability knwge:: % of disability benes who are veterans         |
| d15sco7          | wv15 uas551 SS disability knwge:: % of disability benes who are veterans         |
| d14rul1a         | wv14 uas322 SS disability knwge:: T/F that 20 yr-old very unlikely to have dty   |
| d15rul1a         | wv15 uas551 SS disability knwge:: T/F that 20 yr-old very unlikely to have dty   |
| d14rul1b         | wv14 uas322 SS disability knwge:: T/F that SS gives access to Medicare/Medicaid  |
| d15rul1b         | wv15 uas551 SS disability knwge:: T/F that SS gives access to Medicare/Medicaid  |
| d14rul2          | wv14 uas322 SS disability knwge:: how easy to obtain benefits                    |
| d15rul2          | wv15 uas551 SS disability knwge:: how easy to obtain benefits                    |
| d14rul3          | wv14 uas322 SS disability knwge:: time between apply for benefits & receive      |
| d15rul3          | wv15 uas551 SS disability knwge:: time between apply for benefits & receive      |
| d14is_randomizer | wv14 uas322 SSDI knwge:: randomizer for whether to display is001a & is002a       |
| d14awa1          | wv14 uas322 SSDI knwge:: whether aware that SSDI existed                         |
| d15awa1          | wv15 uas551 SSDI knwge:: whether aware that SSDI existed                         |
| d15sco2_a        | wv15 uas551 SSDI knwge:: % of applicants ultimately approved for SSDI            |
| d14rul4a         | wv14 uas322 SSDI knwge:: T/F that anyone with a SS # is eligible                 |
| d15rul4a         | wv15 uas551 SSDI knwge:: T/F that anyone with a SS # is eligible                 |
| d14rul4b         | wv14 uas322 SSDI knwge:: T/F that receive benfit forever even if no longer dbled |
| d15rul4b         | wv15 uas551 SSDI knwge:: T/F that receive benfit forever even if no longer dbled |
| d14rul4c         | wv14 uas322 SSDI knwge:: T/F that those with short-term disability not eligible  |
| d15rul4c         | wv15 uas551 SSDI knwge:: T/F that those with short-term disability not eligible  |
| d14rul4d         | wv14 uas322 SSDI knwge:: T/F that must submit claim before can receive benefits  |
| d15rul4d         | wv15 uas551 SSDI knwge:: T/F that must submit claim before can receive benefits  |
| d14rul4e         | wv14 uas322 SSDI knwge:: T/F that sp & kids can receive based on bene earnings   |
| d15rul4e         | wv15 uas551 SSDI knwge:: T/F that sp & kids can receive based on bene earnings   |
| d14rul4f         | wv14 uas322 SSDI knwge:: T/F that 15 yrs employed & paid SS taxes before eligib  |
| d15rul4f         | wv15 uas551 SSDI knwge:: T/F that 15 yrs employed & paid SS taxes before eligib  |
| d14rul4g         | wv14 uas322 SSDI knwge:: T/F that still eligible if receive SS retirement        |

| d15rul4g          | wv15 uas551 SSDI knwge:: T/F that still eligible if receive SS retirement                        |
|-------------------|--|
| d14rul4h          | wv14 uas322 SSDI knwge:: T/F that claim gets denied if claimant can do oth wrk                   |
| d15rul4h_que15    | wv15 uas551 SSDI knwge:: <wv15 chng="" ques="" txt=""> T/F claim denied if can do oth wrk</wv15> |
| d14rul4i          | wv14 uas322 SSDI knwge:: T/F that benes have Medicare immed after start date                     |
| d15rul4i          | wv15 uas551 SSDI knwge:: T/F that benes have Medicare immed after start date                     |
| d14rul4j          | wv14 uas322 SSDI knwge:: T/F that to qual must worked in last 10 yrs + med cond                  |
| d15rul4j          | wv15 uas551 SSDI knwge:: T/F that to qual must worked in last 10 yrs + med cond                  |
| d14rul4k          | wv14 uas322 SSDI knwge:: T/F that can receive even if can do work done in past                   |
| d15rul4k          | wv15 uas551 SSDI knwge:: T/F that can receive even if can do work done in past                   |
| d14rul4l          | wv14 uas322 SSDI knwge:: T/F that children of benes can receive benefit check                    |
| d15rul4l          | wv15 uas551 SSDI knwge:: T/F that children of benes can receive benefit check                    |
| d15rul4m          | wv15 uas551 SSDI knwge:: T/F that must wrk job paying into SS 9 of last 10 yrs                   |
| d15rul4n          | wv15 uas551 SSDI knwge:: T/F that can wrk while getting benfits if income low                    |
| d15rul4_order_1_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 1st ques                                      |
| d15rul4_order_2_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 2nd ques                                      |
| d15rul4_order_3_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 3rd ques                                      |
| d15rul4_order_4_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 4th ques                                      |
| d15rul4_order_5_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 5th ques                                      |
| d15rul4_order_6_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 6th ques                                      |
| d15rul4_order_7_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 7th ques                                      |
| d15rul4_order_8_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 8th ques                                      |
| d15rul4_order_9_  | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 9th ques                                      |
| d15rul4_order_10_ | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 10th ques                                     |
| d15rul4_order_11_ | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 11th ques                                     |
| d15rul4_order_12_ | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 12th ques                                     |
| d15rul4_order_13_ | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 13th ques                                     |
| d15rul4_order_14_ | wv15 uas551 SSDI knwge:: QUES ORDER - rul4a-rul4n, 14th ques                                     |
| d14awa2           | wv14 uas322 SSI knwge:: whether aware that SSI exists for disabled w low income                  |
| d15awa2           | wv15 uas551 SSI knwge:: whether aware that SSI exists for disabled w low income                  |
| d15sco2_b         | wv15 uas551 SSI knwge:: % of applicants ultimately approved for SSI                              |

| d14rul5a         | wv14 uas322 SSI knwge:: T/F that pays benefits to aged/blind/dbled w low income              |
|------------------|--|
| d15rul5a         | wv15 uas551 SSI knwge:: T/F that pays benefits to aged/blind/dbled w low income              |
| d14rul5b         | wv14 uas322 SSI knwge:: T/F that benes are eligible for Medicaid                             |
| d15rul5b         | wv15 uas551 SSI knwge:: T/F that benes are eligible for Medicaid                             |
| d14rul5c         | wv14 uas322 SSI knwge:: T/F that can receive even if can do work done in past                |
| d15rul5c         | wv15 uas551 SSI knwge:: T/F that can receive even if can do work done in past                |
| d14rul5d         | wv14 uas322 SSI knwge:: T/F that only eligible if blind, disabled or over 65                 |
| d15rul5d         | wv15 uas551 SSI knwge:: T/F that only eligible if blind, disabled or over 65                 |
| d15rul5e         | wv15 uas551 SSI knwge:: T/F that only for those with limited income/assets                   |
| d15rul5f         | wv15 uas551 SSI knwge:: T/F that pays for disabled chldrn from low income famly              |
| d15rul5g         | wv15 uas551 SSI knwge:: T/F that provides financial help regardless of earnings              |
| d15rul5_order_1_ | wv15 uas551 SSI knwge:: QUES ORDER - rul5a-rul5n, 1st ques                                   |
| d15rul5_order_2_ | wv15 uas551 SSI knwge:: QUES ORDER - rul5a-rul5n, 2nd ques                                   |
| d15rul5_order_3_ | wv15 uas551 SSI knwge:: QUES ORDER - rul5a-rul5n, 3rd ques                                   |
| d15rul5_order_4_ | wv15 uas551 SSI knwge:: QUES ORDER - rul5a-rul5n, 4th ques                                   |
| d15rul5_order_5_ | wv15 uas551 SSI knwge:: QUES ORDER - rul5a-rul5n, 5th ques                                   |
| d15rul5_order_6_ | wv15 uas551 SSI knwge:: QUES ORDER - rul5a-rul5n, 6th ques                                   |
| d15rul5_order_7_ | wv15 uas551 SSI knwge:: QUES ORDER - rul5a-rul5n, 7th ques                                   |
| d14self_position | wv14 uas322 disability & self:: position of self section                                     |
| d14self0         | wv14 uas322 disability & self:: whether currently working                                    |
| d15self0         | wv15 uas551 disability & self:: whether currently working                                    |
| d14self1         | wv14 uas322 disability & self:: long-term hlth prob - MULT RESP COMBO                        |
| d15self1_ans15   | wv15 uas551 disability & self:: <wv15 ans="" chng=""> lng-trm hlth prob - MLT RSP CMB</wv15> |
| d14self1s1       | wv14 uas322 disability & self:: long-term hlth prob - apply for benefits                     |
| d15self1s1_ans15 | wv15 uas551 disability & self:: long-term hlth prob - apply for benefits                     |
| d14self1s2       | wv14 uas322 disability & self:: long-term hlth prob - look for another job                   |
| d15self1s2_ans15 | wv15 uas551 disability & self:: long-term hlth prob - look for another job                   |
| d14self1s3       | wv14 uas322 disability & self:: long-term hlth prob - stop wrk & rely on savings             |
| d15self1s3_ans15 | wv15 uas551 disability & self:: long-term hlth prob - stop wrk & rely on savings             |
| d14self1s4       | wv14 uas322 disability & self:: long-term hlth prob - not applicable                         |

| d15self1s4_ans15  | wv15 uas551 disability & self:: long-term hlth prob - not applicable                         |
|-------------------|--|
| d14self1s5        | wv14 uas322 disability & self:: long-term hlth prob - other                                  |
| d15self1s5_ans15  | wv15 uas551 disability & self:: long-term hlth prob - other                                  |
| d15self1s6_ans15  | wv15 uas551 disability & self:: long-term hlth prob - apply workers comp                     |
| d15self1s7_ans15  | wv15 uas551 disability & self:: long-term hlth prob - retired & claim SS benfit              |
| d14self2          | wv14 uas322 disability & self:: whether apply for benefits if cant find job                  |
| d15self2_samp15   | wv15 uas551 disability & self:: <wv15 dif="" samp=""> wheth apply if cant find job</wv15>    |
| d14self3          | wv14 uas322 disability & self:: whether apply for benefits if no savings                     |
| d15self3_samp15   | wv15 uas551 disability & self:: <wv15 dif="" samp=""> wheth apply if no savings</wv15>       |
| d15self3a         | wv15 uas551 disability & self:: wheth apply for benefits if no workers comp                  |
| d14self4          | wv14 uas322 SS disability & self:: benefits info sources - MULT RESP COMBO                   |
| d15self4_ans15    | wv15 uas551 SS disability & self:: <wv15 ans="" chg=""> info sources - MULT RESP CMBO</wv15> |
| d14self4s1        | wv14 uas322 SS disability & self:: benefits info sources - fam/frnds/colleagues              |
| d15self4s1_ans15  | wv15 uas551 SS disability & self:: benefits info sources - fam/frnds/colleagues              |
| d14self4s2        | wv14 uas322 SS disability & self:: benefits info sources - healthcare provider               |
| d15self4s2_ans15  | wv15 uas551 SS disability & self:: benefits info sources - healthcare provider               |
| d14self4s3        | wv14 uas322 SS disability & self:: benefits info sources - tv/radio/paper/media              |
| d15self4s3_ans15  | wv15 uas551 SS disability & self:: benefits info sources - tv/radio/paper/media              |
| d14self4s4        | wv14 uas322 SS disability & self:: benefits info sources - SSA                               |
| d15self4s4_ans15  | wv15 uas551 SS disability & self:: benefits info sources - SSA                               |
| d14self4s5        | wv14 uas322 SS disability & self:: benefits info sources - community orgs                    |
| d15self4s5_ans15  | wv15 uas551 SS disability & self:: benefits info sources - community orgs                    |
| d14self4s6        | wv14 uas322 SS disability & self:: benefits info sources - lawyers                           |
| d15self4s6_ans15  | wv15 uas551 SS disability & self:: benefits info sources - lawyers                           |
| d14self4s7        | wv14 uas322 SS disability & self:: benefits info sources - other                             |
| d15self4s7_ans15  | wv15 uas551 SS disability & self:: benefits info sources - other                             |
| d14self4s8        | wv14 uas322 SS disability & self:: benefits info sources - have never done so                |
| d15self4s8_ans15  | wv15 uas551 SS disability & self:: benefits info sources - have never done so                |
| d15self4s9_ans15  | wv15 uas551 SS disability & self:: benefits info sources - disability orgs                   |
| d15self4s10_ans15 | wv15 uas551 SS disability & self:: benefits info sources - online                            |

| d14self5   | wv14 uas322 SS disability & self:: specific SSA info sources - MULT RESP COMBO   |
|------------|--|
| d15self5   | wv15 uas551 SS disability & self:: specific SSA info sources - MULT RESP COMBO   |
| d14self5s1 | wv14 uas322 SS disability & self:: specific SSA info sources - SSA website       |
| d15self5s1 | wv15 uas551 SS disability & self:: specific SSA info sources - SSA website       |
| d14self5s2 | wv14 uas322 SS disability & self:: specific SSA info sources - mySocialSecurity  |
| d15self5s2 | wv15 uas551 SS disability & self:: specific SSA info sources - mySocialSecurity  |
| d14self5s3 | wv14 uas322 SS disability & self:: specific SSA info sources - SS phone line     |
| d15self5s3 | wv15 uas551 SS disability & self:: specific SSA info sources - SS phone line     |
| d14self5s4 | wv14 uas322 SS disability & self:: specific SSA info sources - SS office         |
| d15self5s4 | wv15 uas551 SS disability & self:: specific SSA info sources - SS office         |
| d14self5s5 | wv14 uas322 SS disability & self:: specific SSA info sources - SS social media   |
| d15self5s5 | wv15 uas551 SS disability & self:: specific SSA info sources - SS social media   |
| d14self5s6 | wv14 uas322 SS disability & self:: specific SSA info sources - other             |
| d15self5s6 | wv15 uas551 SS disability & self:: specific SSA info sources - other             |
| d14self6a  | wv14 uas322 SS disability & self:: extent of interest to Irn more abt SS benfits |
| d15self6a  | wv15 uas551 SS disability & self:: extent of interest to Irn more abt SS benfits |
| d14self6b  | wv14 uas322 SS disability & self:: extent know best srces of info abt SS benfits |
| d15self6b  | wv15 uas551 SS disability & self:: extent know best srces of info abt SS benfits |
| d14self6c  | wv14 uas322 SS disability & self:: extent easily find needed info abt SS benfits |
| d15self6c  | wv15 uas551 SS disability & self:: extent easily find needed info abt SS benfits |
| d14self7a  | wv14 uas322 disability & self:: chance have disability that prevents working     |
| d15self7a  | wv15 uas551 disability & self:: chance have disability that prevents working     |
| d14self7b  | wv14 uas322 disability & self:: chance have to rely on disability insurance      |
| d15self7b  | wv15 uas551 disability & self:: chance have to rely on disability insurance      |
| d14self8   | wv14 uas322 SS disability opin:: preference for how SS funds its benefits        |
| d15self8   | wv15 uas551 SS disability opin:: preference for how SS funds its benefits        |
| d14self9   | wv14 uas322 SS disability & self:: whether have enuf work credits for SSDI qual  |
| d15self9   | wv15 uas551 SS disability & self:: whether have enuf work credits for SSDI qual  |
| d15self9b  | wv15 uas551 SS disability & self:: wheth 5 of last 10 yrs at job paying into SS  |
| d15self9c  | wv15 uas551 SS disability & self:: wheth 1/2 last 3 yrs at job paying into SS    |

| d14self10     | wv14 uas322 SS disability & self:: whether know mo paymnt would get if disabled |
|---------------|---|
| d15self10     | wv15 uas551 SS disability & self:: whether know mo paymnt would get if disabled |
| d14self11     | wv14 uas322 SS disability & self:: amount of mo paymnt would get if disabled    |
| d15self11     | wv15 uas551 SS disability & self:: amount of mo paymnt would get if disabled    |
| d14self11_rf  | wv14 uas322 SS disability & self:: amount of mo paymnt would get if dsbled - rf |
| d15self11_rf  | wv15 uas551 SS disability & self:: amount of mo paymnt would get if dsbled - rf |
| d14self12     | wv14 uas322 SS disability & self:: whether ever checked SS statement            |
| d15self12     | wv15 uas551 SS disability & self:: whether ever checked SS statement            |
| d14self13     | wv14 uas322 SS disability & self:: whether know see SS stmt at MySocialSecurity |
| d15self13     | wv15 uas551 SS disability & self:: whether know see SS stmt at MySocialSecurity |
| d14sco_v1_1_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v1         |
| d14sco_v1_2_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v2         |
| d14sco_v1_3_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v3         |
| d14sco_v1_4_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v4         |
| d14sco_v1_5_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v5         |
| d14sco_v1_6_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v6         |
| d14sco_v1_7_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v7         |
| d14sco_v1_8_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v8         |
| d14sco_v1_9_  | wv14 uas322 SS disability vign:: whether should apply for benefits - v9         |
| d14sco_v1_10_ | wv14 uas322 SS disability vign:: whether should apply for benefits - v10        |
| d14sco_v2_1_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v1     |
| d14sco_v2_2_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v2     |
| d14sco_v2_3_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v3     |
| d14sco_v2_4_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v4     |
| d14sco_v2_5_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v5     |
| d14sco_v2_6_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v6     |
| d14sco_v2_7_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v7     |
| d14sco_v2_8_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v8     |
| d14sco_v2_9_  | wv14 uas322 SS disability vign:: chance would be approved for benefits - v9     |
| d14sco_v2_10_ | wv14 uas322 SS disability vign:: chance would be approved for benefits - v10    |

| d14sco_v3_1_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v1                  |
|----------------|---|
| d14sco_v3_2_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v2                  |
| d14sco_v3_3_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v3                  |
| d14sco_v3_4_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v4                  |
| d14sco_v3_5_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v5                  |
| d14sco_v3_6_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v6                  |
| d14sco_v3_7_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v7                  |
| d14sco_v3_8_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v8                  |
| d14sco_v3_9_   | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v9                  |
| d14sco_v3_10_  | wv14 uas322 SS disability vign:: chance working in 5 yrs if no benefits - v10                 |
| d14val1a       | wv14 uas322 SS disability opin2:: agrmnt amt wrkers get from SS should increase               |
| d15val1a_ans15 | wv15 uas551 SS disability opin2:: <wv15 ans="" chg=""> agrmnt amt frm SS shld increase</wv15> |
| d14val1b       | wv14 uas322 SS disability opin2:: agrmnt should be easier for dsbled get benfits              |
| d15val1b_ans15 | wv15 uas551 SS disability opin2:: <wv15 ans="" chg=""> agrmnt easier for dsbled benfit</wv15> |
| d14val1c       | wv14 uas322 SS disability opin2:: agrmnt work requiremnts for SSDI be reduced                 |
| d15val1c_ans15 | wv15 uas551 SS disability opin2:: <wv15 ans="" chg=""> agrmnt redce wrk rqurd for SSDI</wv15> |
| d14val1d       | wv14 uas322 SS disability opin2:: agrmnt amt if in low-inc HH should increase                 |
| d15val1d_ans15 | wv15 uas551 SS disability opin2:: <wv15 ans="" chg=""> agrmnt incrs amt if low-inc HH</wv15>  |
| d14val2        | wv14 uas322 SS disability & self2:: compare imptnce in SSDI mo benfit vs Medcare              |
| d14intro1a     | wv14 uas322 SS disability & self3:: whether currently receive SSDI/SSI                        |
| d15intro1a     | wv15 uas551 SS disability & self3:: whether currently receive SSDI/SSI                        |
| d14intro1a_2   | wv14 uas322 SS disability & self3:: currently receive SSDI, SSI, not sure, both               |
| d15intro1a_2   | wv15 uas551 SS disability & self3:: currently receive SSDI, SSI, not sure, both               |
| d14intro1b     | wv14 uas322 SS disability & self3:: whether ever received SSDI/SSI                            |
| d15intro1b     | wv15 uas551 SS disability & self3:: whether ever received SSDI/SSI                            |
| d14intro3      | wv14 uas322 SS disability & self3:: whether ever applied for SSDI/SSI                         |
| d15intro3      | wv15 uas551 SS disability & self3:: whether ever applied for SSDI/SSI                         |
| d14intro2a     | wv14 uas322 SS disability & self3:: whether have spouse/partner                               |
| d15intro2a     | wv15 uas551 SS disability & self3:: whether have spouse/partner                               |
| d14intro2b     | wv14 uas322 SS disability & self3:: whether cur/ever received SSDI/SSI, sp                    |

| d15intro2b         | wv15 uas551 SS disability & self3:: whether cur/ever received SSDI/SSI, sp                    |
|--------------------|---|
| d15intro3b         | wv15 uas551 SS disability & self3:: wheth cur hlth cond prevents/reduces work                 |
| d14intro4a         | wv14 uas322 SS disability & self3:: whether ever hlth cond prevent/reduced wrk                |
| d15intro4a_ch15    | wv15 uas551 SS disability & self3:: <w15 chg="" txt&ans=""> ever hlth cnd prvnt/rdc wk</w15>  |
| d14intro4b         | wv14 uas322 SS disability & self3:: cond that prevented/reduced work                          |
| d15intro4b         | wv15 uas551 SS disability & self3:: cond that prevented/reduced work                          |
| d14intro4c         | wv14 uas322 SS disability & self3:: when 1st had cond that prevent/reduced work               |
| d15intro4c_month   | wv15 uas551 SS disability & self3:: when stopped/reduced work, mo                             |
| d15intro4c_year    | wv15 uas551 SS disability & self3:: when stopped/reduced work, yr                             |
| d15intro4d         | wv15 uas551 SS disability & self3:: wheth able to work normally in <= 12 mo                   |
| d15intro4e         | wv15 uas551 SS disability & self3:: how long cond reduced/prevented working                   |
| d14intro5a         | wv14 uas322 SS disability & self3:: whether any frnd/fam has cond neg affect wrk              |
| d15intro5a         | wv15 uas551 SS disability & self3:: whether any frnd/fam has cond neg affect wrk              |
| d14intro5b         | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - MULT RESP COMBO               |
| d15intro5b_ans15   | wv15 uas551 SS disability & self3:: <wv15 ans="" chg=""> who hlth prvnt wrk - ML RS CM</wv15> |
| d14intro5bs1       | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - spouse                        |
| d15intro5bs1_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - spouse                        |
| d14intro5bs2       | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - parent                        |
| d15intro5bs2_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - parent                        |
| d14intro5bs3       | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - child                         |
| d15intro5bs3_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - child                         |
| d14intro5bs4       | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - oth fam member                |
| d15intro5bs4_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - oth fam member                |
| d14intro5bs5       | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - friend                        |
| d15intro5bs5_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - friend                        |
| d14intro5bs6       | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - cur/form cowrk                |
| d15intro5bs6_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - cur/form cowrk                |
| d14intro5bs7       | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - neighbor                      |
| d15intro5bs7_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - neighbor                      |
| d14intro5bs8       | wv14 uas322 SS disability & self3:: who hlth prob prevent wrk - other                         |

| d15intro5bs8_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - other                         |
|--------------------|---|
| d15intro5bs9_ans15 | wv15 uas551 SS disability & self3:: who hlth prob prevent wrk - former partner                |
| d14intro6a         | wv14 uas322 SS disability & self3:: whether cur receive SSDI/SSI, friends/fam                 |
| d15intro6a         | wv15 uas551 SS disability & self3:: whether cur receive SSDI/SSI, friends/fam                 |
| d14intro6b         | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - MULT RESP COMBO                   |
| d15intro6b_ans15   | wv15 uas551 SS disability & self3:: <wv15 ans="" chg=""> who rcv SSDI/SSI - MLT RSP CM</wv15> |
| d14intro6bs1       | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - spouse                            |
| d15intro6bs1_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - spouse                            |
| d14intro6bs2       | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - parent                            |
| d15intro6bs2_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - parent                            |
| d14intro6bs3       | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - child                             |
| d15intro6bs3_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - child                             |
| d14intro6bs4       | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - oth fam member                    |
| d15intro6bs4_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - oth fam member                    |
| d14intro6bs5       | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - friend                            |
| d15intro6bs5_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - friend                            |
| d14intro6bs6       | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - cur/former coworker               |
| d15intro6bs6_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - cur/former coworker               |
| d14intro6bs7       | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - neighbor                          |
| d15intro6bs7_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - neighbor                          |
| d14intro6bs8       | wv14 uas322 SS disability & self3:: who receives SSDI/SSI - other                             |
| d15intro6bs8_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - other                             |
| d15intro6bs9_ans15 | wv15 uas551 SS disability & self3:: who receives SSDI/SSI - former spouse/partnr              |
| d14ask_application | wv14 uas322 SS disability app:: whether asked SS dty app & dty & self4-5 ques                 |
| d15ask_application | wv15 uas551 SS disability app:: whether asked SS dty app & dty & self4-5 ques                 |
| d14serv1a          | wv14 uas322 SS disability & self4:: receive benefits from SSDI/SSI/both/dk/oth                |
| d15serv1a          | wv15 uas551 SS disability & self4:: receive benefits from SSDI/SSI/both/dk/oth                |
| d14serv1b_years    | wv14 uas322 SS disability & self4:: yrmo ago started receiving benefits - yrs                 |
| d15serv1b_years    | wv15 uas551 SS disability & self4:: yrmo ago started receiving benefits - yrs                 |
| d14serv1b_months   | wv14 uas322 SS disability & self4:: yrmo ago started receiving benefits - mos                 |

| d15serv1b_months   | wv15 uas551 SS disability & self4:: yrmo ago started receiving benefits - mos                   |
|--------------------|---|
| d14serv1b_fwp      | wv14 uas322 SS disability & self4:: approx how long ago started receving benfits                |
| d15serv1b_fwp      | wv15 uas551 SS disability & self4:: approx how long ago started receving benfits                |
| d14serv1c          | wv14 uas322 SS disability app:: programs applied to for benefits                                |
| d15serv1c          | wv15 uas551 SS disability app:: programs applied to for benefits                                |
| d14serv2           | wv14 uas322 SS disability app:: how decided to apply for benefits                               |
| d15serv2           | wv15 uas551 SS disability app:: how decided to apply for benefits                               |
| d14serv3           | wv14 uas322 SS disability app:: cond 1st applied for - MULT RESP COMBO                          |
| d15serv3_ans15     | wv15 uas551 SS disability app:: <wv15 ans="" chg="" format=""> condition 1st applied for</wv15> |
| d14serv3s1         | wv14 uas322 SS disability app:: cond 1st applied for - musculoskeletal (back)                   |
| d14serv3s2         | wv14 uas322 SS disability app:: cond 1st applied for - cardiovasc (hrt failure)                 |
| d14serv3s3         | wv14 uas322 SS disability app:: cond 1st applied for - respiratory (COPD)                       |
| d14serv3s4         | wv14 uas322 SS disability app:: cond 1st applied for - senses/speech issues                     |
| d14serv3s5         | wv14 uas322 SS disability app:: cond 1st applied for - neuro (ms/Parkn/epilep)                  |
| d14serv3s6         | wv14 uas322 SS disability app:: cond 1st applied for - mental hlth (depression)                 |
| d14serv3s7         | wv14 uas322 SS disability app:: cond 1st applied for - cancer                                   |
| d14serv3s8         | wv14 uas322 SS disability app:: cond 1st applied for - other                                    |
| d14serv3a          | wv14 uas322 SS disability app:: how long after disability onset was application                 |
| d15serv3a          | wv15 uas551 SS disability app:: how long after disability onset was application                 |
| d14serv4           | wv14 uas322 SS disability app:: yr health prob began to interfere with work                     |
| d15serv4           | wv15 uas551 SS disability app:: yr health prob began to interfere with work                     |
| d14appl2           | wv14 uas322 SS disability app:: yr applied for benefits, 1st app attempt                        |
| d15appl2           | wv15 uas551 SS disability app:: yr applied for benefits, 1st app attempt                        |
| d14appl2_followup1 | wv14 uas322 SS disability app:: mo ago applied when within 1 yr, 1st app                        |
| d15appl2_followup1 | wv15 uas551 SS disability app:: mo ago applied when within 1 yr, 1st app                        |
| d14appl2_followup2 | wv14 uas322 SS disability app:: approx ago applied when nonresponse, 1st app                    |
| d15appl2_followup2 | wv15 uas551 SS disability app:: approx ago applied when nonresponse, 1st app                    |
| d15serv_bar1       | wv15 uas551 SS disability app:: why app > 1 yr after onset - MULT RESP COMBO                    |
| d15serv_bar1s1     | wv15 uas551 SS disability app:: why app > 1 yr after onset - still able to work                 |
| d15serv_bar1s2     | wv15 uas551 SS disability app:: why app > 1 yr after onset - to work again                      |

| d15serv_bar1s3         | wv15 uas551 SS disability app:: why app > 1 yr after onset - didnt know abt pgms |
|------------------------|--|
| d15serv_bar1s4         | wv15 uas551 SS disability app:: why app > 1 yr after onset - not last 12+ mo     |
| d15serv_bar1s5         | wv15 uas551 SS disability app:: why app > 1 yr after onset - not qual for benfit |
| d15serv_bar1s6         | wv15 uas551 SS disability app:: why app > 1 yr after onset - app too hard        |
| d15serv_bar1s7         | wv15 uas551 SS disability app:: why app > 1 yr after onset - too long            |
| d15serv_bar1s8         | wv15 uas551 SS disability app:: why app > 1 yr after onset - approval too hard   |
| d15serv_bar1s9         | wv15 uas551 SS disability app:: why app > 1 yr after onset - like giving up      |
| d15serv_bar1s10        | wv15 uas551 SS disability app:: why app > 1 yr after onset - ppl look down on me |
| d15serv_bar1s11        | wv15 uas551 SS disability app:: why app > 1 yr after onset - other               |
| d15serv_bar1_order_1_  | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 1st optn   |
| d15serv_bar1_order_2_  | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 2nd optn   |
| d15serv_bar1_order_3_  | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 3rd optn   |
| d15serv_bar1_order_4_  | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 4th optn   |
| d15serv_bar1_order_5_  | wv15 uas551 SS disability app:: why app > 1 yr post onset - ANS ORD, 5th optn    |
| d15serv_bar1_order_6_  | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 6th optn   |
| d15serv_bar1_order_7_  | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 7th optn   |
| d15serv_bar1_order_8_  | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 8th optn   |
| d15serv_bar1_order_9_  | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 9th optn   |
| d15serv_bar1_order_10_ | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 10th optn  |
| d15serv_bar1_order_11_ | wv15 uas551 SS disability app:: why app > 1 yr after onset - ANS ORD, 11th optn  |
| d15serv_bar1a          | wv15 uas551 SS disability app:: #1 reason why app > 1 yr after onset             |
| d15serv_bar1a_order_1_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 1st optn    |
| d15serv_bar1a_order_2_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 2nd optn    |
| d15serv_bar1a_order_3_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 3rd optn    |
| d15serv_bar1a_order_4_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 4th optn    |
| d15serv_bar1a_order_5_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 5th optn    |
| d15serv_bar1a_order_6_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 6th optn    |
| d15serv_bar1a_order_7_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 7th optn    |
| d15serv_bar1a_order_8_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 8th optn    |
| d15serv_bar1a_order_9_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 9th optn    |

| d15serv_bar1a_order_10_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 10th optn                  |
|-------------------------|---|
| d15serv_bar1a_order_11_ | wv15 uas551 SS disability app:: #1 why app > 1 yr after - ANS ORDER, 11th optn                  |
| d15serv_bar1b           | wv15 uas551 SS disability app:: #2 reason why app > 1 yr after onset                            |
| d15serv_bar1b_order_1_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 1st optn                   |
| d15serv_bar1b_order_2_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 2nd optn                   |
| d15serv_bar1b_order_3_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 3rd optn                   |
| d15serv_bar1b_order_4_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 4th optn                   |
| d15serv_bar1b_order_5_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 5th optn                   |
| d15serv_bar1b_order_6_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 6th optn                   |
| d15serv_bar1b_order_7_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 7th optn                   |
| d15serv_bar1b_order_8_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 8th optn                   |
| d15serv_bar1b_order_9_  | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 9th optn                   |
| d15serv_bar1b_order_10_ | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 10th optn                  |
| d15serv_bar1b_order_11_ | wv15 uas551 SS disability app:: #2 why app > 1 yr after - ANS ORDER, 11th optn                  |
| d15serv_bar3            | wv15 uas551 SS disability app:: wheth suggestion to apply - MULT RESP COMBO                     |
| d15serv_bar3s1          | wv15 uas551 SS disability app:: wheth suggestion to apply - fam/frnd/colleague                  |
| d15serv_bar3s2          | wv15 uas551 SS disability app:: wheth suggestion to apply - hltchare provider                   |
| d15serv_bar3s3          | wv15 uas551 SS disability app:: wheth suggestion to apply - social worker                       |
| d15serv_bar3s4          | wv15 uas551 SS disability app:: wheth suggestion to apply - employer                            |
| d15serv_bar3s5          | wv15 uas551 SS disability app:: wheth suggestion to apply - other                               |
| d15serv_bar3s6          | wv15 uas551 SS disability app:: wheth suggestion to apply - no suggestion                       |
| d15serv_bar3_order_1_   | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 1st optn                 |
| d15serv_bar3_order_2_   | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 2nd optn                 |
| d15serv_bar3_order_3_   | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 3rd optn                 |
| d15serv_bar3_order_4_   | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 4th optn                 |
| d15serv_bar3_order_5_   | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 5th optn                 |
| d15serv_bar3_order_6_   | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 6th optn                 |
| d14appl3                | wv14 uas322 SS disability app:: who gave assistance for prep/submission, 1st app                |
| d15appl3_ans15          | wv15 uas551 SS disability app:: <w15 ans="" chg="" fmt=""> prp/sub hlp - ML RS CM, 1st ap</w15> |
| d15appl3s1              | wv15 uas551 SS disability app:: prep/submission help - none, 1st app                            |

| d15appl3s2        | wv15 uas551 SS disability app:: prep/submission help - lawyer, 1st app                        |
|-------------------|---|
| d15appl3s3        | wv15 uas551 SS disability app:: prep/submission help - fam/friends, 1st app                   |
| d15appl3s4        | wv15 uas551 SS disability app:: prep/submission help - soc wrkr/ins/emp, 1st app              |
| d15appl3s5        | wv15 uas551 SS disability app:: prep/submission help - oth person, 1st app                    |
| d15appl3s6        | wv15 uas551 SS disability app:: prep/submission help - SSA rep, 1st app                       |
| d14appl4          | wv14 uas322 SS disability app:: how app was submitted, 1st app                                |
| d15appl4_ans15    | wv15 uas551 SS disability app:: <wv15 ans="" chg=""> how app was submitted, 1st app</wv15>    |
| d14appl5          | wv14 uas322 SS disability app:: rating ease of prep & submit process, 1st app                 |
| d15appl5          | wv15 uas551 SS disability app:: rating ease of prep & submit process, 1st app                 |
| d14appl6          | wv14 uas322 SS disability app:: whether provided medical records, 1st app                     |
| d15appl6_que15    | wv15 uas551 SS disability app:: <wv15 chg="" txt=""> wheth provided med rcrds, 1st app</wv15> |
| d15appl6a         | wv15 uas551 SS disability app:: why give no med info - MULT RESP COMBO, 1st app               |
| d15appl6as1       | wv15 uas551 SS disability app:: why give no med info - unable pay dr, 1st app                 |
| d15appl6as2       | wv15 uas551 SS disability app:: why give no med info - no dr transprt, 1st app                |
| d15appl6as3       | wv15 uas551 SS disability app:: why give no med info - no med provider, 1st app               |
| d15appl6as4       | wv15 uas551 SS disability app:: why give no med info - no help lang/etc, 1st app              |
| d15appl6as5       | wv15 uas551 SS disability app:: why give no med info - dr no diagnose, 1st app                |
| d15appl6as6       | wv15 uas551 SS disability app:: why give no med info - oth, 1st app                           |
| d14appl7          | wv14 uas322 SS disability app:: whether asked by SSA to visit dr, 1st app                     |
| d15appl7          | wv15 uas551 SS disability app:: whether asked by SSA to visit dr, 1st app                     |
| d14appl8          | wv14 uas322 SS disability app:: outcome of application, 1st app                               |
| d15appl8          | wv15 uas551 SS disability app:: outcome of application, 1st app                               |
| d14appl9          | wv14 uas322 SS disability app:: how long (mo) to hear back about, 1st app                     |
| d15appl9          | wv15 uas551 SS disability app:: how long (mo) to hear back about, 1st app                     |
| d14appl9b         | wv14 uas322 SS disability app:: support before decisn - MULT RESP COMBO, 1st app              |
| d15appl9b_ans15   | wv15 uas551 SS disability app:: <w15 ans="" chg=""> spprt bef dcsn - ML RS CM, 1st app</w15>  |
| d14appl9bs1       | wv14 uas322 SS disability app:: support before decisn - full-time work, 1st app               |
| d15appl9bs1_ans15 | wv15 uas551 SS disability app:: supprt before decision - fulltime wrk, 1st app                |
| d14appl9bs2       | wv14 uas322 SS disability app:: support before decisn - part-time work, 1st app               |
| d15appl9bs2_ans15 | wv15 uas551 SS disability app:: supprt before decision - parttime wrk, 1st app                |

| d14appl9bs3       | wv14 uas322 SS disability app:: support before decisn - govt assistnce, 1st app              |
|-------------------|--|
| d15appl9bs3_ans15 | wv15 uas551 SS disability app:: supprt before decision - gov help, 1st app                   |
| d14appl9bs4       | wv14 uas322 SS disability app:: support before decisn - sp earnings, 1st app                 |
| d15appl9bs4_ans15 | wv15 uas551 SS disability app:: supprt before decision - sp earnings, 1st app                |
| d14appl9bs5       | wv14 uas322 SS disability app:: support before decisn - borrowed, 1st app                    |
| d15NEW15appl9bs5  | wv15 uas551 SS disability app:: supprt before decision - savings, 1st app                    |
| d14appl9bs6       | wv14 uas322 SS disability app:: support before decisn - chg where live, 1st app              |
| d15NEW15appl9bs6  | wv15 uas551 SS disability app:: supprt before decision - borrowed, 1st app                   |
| d14appl9bs7       | wv14 uas322 SS disability app:: support before decisn - sold assets, 1st app                 |
| d15NEW15appl9bs7  | wv15 uas551 SS disability app:: supprt before decision - chg where live, 1st app             |
| d14appl9bs8       | wv14 uas322 SS disability app:: support before decisn - frnd/fam assist, 1st app             |
| d15NEW15appl9bs8  | wv15 uas551 SS disability app:: supprt before decision - sold assets, 1st app                |
| d14appl9bs9       | wv14 uas322 SS disability app:: support before decisn - other, 1st app                       |
| d15NEW15appl9bs9  | wv15 uas551 SS disability app:: supprt before decision - frnd/fam help, 1st app              |
| d15appl9bs10      | wv15 uas551 SS disability app:: supprt before decision - other, 1st app                      |
| d14appl10         | wv14 uas322 SS disability app:: why rejected, 1st app  |
| d15appl10_ans15   | wv15 uas551 SS disability app:: <wv15 answer="" change=""> why rejected, 1st app</wv15>      |
| d14appl11         | wv14 uas322 SS disability app:: what did after rejection, 1st app                            |
| d15appl11         | wv15 uas551 SS disability app:: what did after rejection, 1st app                            |
| d14appl12         | wv14 uas322 SS disability app:: help w appeal prep - MULT RESP COMBO, 1st app                |
| d15appl12_ans15   | wv15 uas551 SS disability app:: <w15 ans="" chg=""> help w appeal - MLT RS CM, 1st app</w15> |
| d14appl12s1       | wv14 uas322 SS disability app:: help w appeal prep - none, 1st app                           |
| d15appl12s1_ans15 | wv15 uas551 SS disability app:: help w appeal prep - none, 1st app                           |
| d14appl12s2       | wv14 uas322 SS disability app:: help w appeal prep - lawyer, 1st app                         |
| d15appl12s2_ans15 | wv15 uas551 SS disability app:: help w appeal prep - lawyer, 1st app                         |
| d14appl12s3       | wv14 uas322 SS disability app:: help w appeal prep - fam/friends, 1st app                    |
| d15appl12s3_ans15 | wv15 uas551 SS disability app:: help w appeal prep - fam/friends, 1st app                    |
| d14appl12s4       | wv14 uas322 SS disability app:: help w appeal prep - sowrker/ins/emplyr, 1st app             |
| d15appl12s4_ans15 | wv15 uas551 SS disability app:: help w appeal prep - sowrker/ins/emplyr, 1st app             |
| d14appl12s5       | wv14 uas322 SS disability app:: help w appeal prep - someone else, 1st app                   |

| d15appl12s5_ans15 | wv15 uas551 SS disability app:: help w appeal prep - oth person, 1st app                        |
|-------------------|---|
| d15appl12s6_ans15 | wv15 uas551 SS disability app:: help w appeal prep - SSA rep, 1st app                           |
| d14appl13         | wv14 uas322 SS disability app:: final outcome of appeal, 1st app                                |
| d15appl13         | wv15 uas551 SS disability app:: final outcome of appeal, 1st app                                |
| d14appl14         | wv14 uas322 SS disability app:: mo between 1st appeal & final decision, 1st app                 |
| d15appl14         | wv15 uas551 SS disability app:: mo between 1st appeal & final decision, 1st app                 |
| d14appl15         | wv14 uas322 SS disability app:: whether submitted new app after rejectn, 1st app                |
| d15appl15         | wv15 uas551 SS disability app:: whether submitted new app after rejectn, 1st app                |
| d14appl_b1_year   | wv14 uas322 SS disability app:: yrmo between rejection of 1st & 2nd app - yrs                   |
| d15appl_b1_year   | wv15 uas551 SS disability app:: yrmo between rejection of 1st & 2nd app - yrs                   |
| d14appl_b1_month  | wv14 uas322 SS disability app:: yrmo between rejection of 1st & 2nd app - mos                   |
| d15appl_b1_month  | wv15 uas551 SS disability app:: yrmo between rejection of 1st & 2nd app - mos                   |
| d14appl_b2_year   | wv14 uas322 SS disability app:: yrmo ago - yrs, 2nd app attempt                                 |
| d15appl_b2_year   | wv15 uas551 SS disability app:: yrmo ago - yrs, 2nd app attempt                                 |
| d14appl_b2_month  | wv14 uas322 SS disability app:: yrmo ago - mos, 2nd app attempt                                 |
| d15appl_b2_month  | wv15 uas551 SS disability app:: yrmo ago - mos, 2nd app attempt                                 |
| d14appl_b3        | wv14 uas322 SS disability app:: who gave assistance for prep/submission, 2nd app                |
| d15appl_b3_ans15  | wv15 uas551 SS disability app:: <w15 ans="" chg="" fmt=""> prp/sub hlp - ML RS CM, 2nd ap</w15> |
| d15appl_b3s1      | wv15 uas551 SS disability app:: prep/submission help - none, 2nd app                            |
| d15appl_b3s2      | wv15 uas551 SS disability app:: prep/submission help - lawyer, 2nd app                          |
| d15appl_b3s3      | wv15 uas551 SS disability app:: prep/submission help - fam/friends, 2nd app                     |
| d15appl_b3s4      | wv15 uas551 SS disability app:: prep/submission help - soc wrkr/ins/emp, 2nd app                |
| d15appl_b3s5      | wv15 uas551 SS disability app:: prep/submission help - oth person, 2nd app                      |
| d15appl_b3s6      | wv15 uas551 SS disability app:: prep/submission help - SSA rep, 2nd app                         |
| d14appl_b4        | wv14 uas322 SS disability app:: how app was submitted, 2nd app                                  |
| d15appl_b4_ans15  | wv15 uas551 SS disability app:: <wv15 ans="" chng=""> how app was submitted, 2nd app</wv15>     |
| d14appl_b5        | wv14 uas322 SS disability app:: rating ease of prep & submit process, 2nd app                   |
| d15appl_b5        | wv15 uas551 SS disability app:: rating ease of prep & submit process, 2nd app                   |
| d14appl_b6        | wv14 uas322 SS disability app:: whether provided medical records, 2nd app                       |
| d15appl_b6_que15  | wv15 uas551 SS disability app:: <w15 chg="" text=""> wheth provide med info, 2nd app</w15>      |

| d15appl_b6a         | wv15 uas551 SS disability app:: why give no med info - MULT RESP COMBO, 2nd app              |
|---------------------|--|
| d15appl_b6as1       | wv15 uas551 SS disability app:: why give no med info - unable pay dr, 2nd app                |
| d15appl_b6as2       | wv15 uas551 SS disability app:: why give no med info - no dr transprt, 2nd app               |
| d15appl_b6as3       | wv15 uas551 SS disability app:: why give no med info - no med provider, 2nd app              |
| d15appl_b6as4       | wv15 uas551 SS disability app:: why give no med info - no help lang/etc, 2nd app             |
| d15appl_b6as5       | wv15 uas551 SS disability app:: why give no med info - dr no diagnose, 2nd app               |
| d15appl_b6as6       | wv15 uas551 SS disability app:: why give no med info - oth, 2nd app                          |
| d14appl_b7          | wv14 uas322 SS disability app:: whether asked by SSA to visit dr, 2nd app                    |
| d15appl_b7          | wv15 uas551 SS disability app:: whether asked by SSA to visit dr, 2nd app                    |
| d14appl_b8          | wv14 uas322 SS disability app:: outcome of application, 2nd app                              |
| d15appl_b8          | wv15 uas551 SS disability app:: outcome of application, 2nd app                              |
| d14appl_b9          | wv14 uas322 SS disability app:: how long (mo) to hear back about, 2nd app                    |
| d15appl_b9          | wv15 uas551 SS disability app:: how long (mo) to hear back about, 2nd app                    |
| d14appl_b9b         | wv14 uas322 SS disability app:: support before decisn - MULT RESP COMBO, 2nd ap              |
| d15appl_b9b_ans15   | wv15 uas551 SS disability app:: <w15 ans="" chg=""> spprt bef dcsn - ML RS CM, 2nd app</w15> |
| d14appl_b9bs1       | wv14 uas322 SS disability app:: support before decisn - full-time work, 2nd app              |
| d15appl_b9bs1_ans15 | wv15 uas551 SS disability app:: supprt before decision - fulltime wrk, 2nd app               |
| d14appl_b9bs2       | wv14 uas322 SS disability app:: support before decisn - part-time wrk, 2nd app               |
| d15appl_b9bs2_ans15 | wv15 uas551 SS disability app:: supprt before decision - parttime wrk, 2nd app               |
| d14appl_b9bs3       | wv14 uas322 SS disability app:: support before decisn - govt assistnce, 2nd app              |
| d15appl_b9bs3_ans15 | wv15 uas551 SS disability app:: supprt before decision - gov help, 2nd app                   |
| d14appl_b9bs4       | wv14 uas322 SS disability app:: support before decisn - sp earnings, 2nd app                 |
| d15appl_b9bs4_ans15 | wv15 uas551 SS disability app:: supprt before decision - sp earnings, 2nd app                |
| d14appl_b9bs5       | wv14 uas322 SS disability app:: support before decisn - borrowed, 2nd app                    |
| d15NEW15appl_b9bs5  | wv15 uas551 SS disability app:: supprt before decision - savings, 2nd app                    |
| d14appl_b9bs6       | wv14 uas322 SS disability app:: support before decisn - chg where live, 2nd app              |
| d15NEW15appl_b9bs6  | wv15 uas551 SS disability app:: supprt before decision - borrowed, 2nd app                   |
| d14appl_b9bs7       | wv14 uas322 SS disability app:: support before decisn - sold assets, 2nd app                 |
| d15NEW15appl_b9bs7  | wv15 uas551 SS disability app:: supprt before decision - chg where live, 2nd app             |
| d14appl_b9bs8       | wv14 uas322 SS disability app:: support before decisn - frnd/fam assist, 2nd app             |

| d15NEW15appl_b9bs8  | wv15 uas551 SS disability app:: supprt before decision - sold assets, 2nd app                |
|---------------------|--|
| d14appl_b9bs9       | wv14 uas322 SS disability app:: support before decisn - other, 2nd app                       |
| d15NEW15appl_b9bs9  | wv15 uas551 SS disability app:: supprt before decision - frnd/fam help, 2nd app              |
| d15appl_b9bs10      | wv15 uas551 SS disability app:: supprt before decision - other, 2nd app                      |
| d14appl_b10         | wv14 uas322 SS disability app:: why rejected, 2nd app  |
| d15appl_b10_ans15   | wv15 uas551 SS disability app:: <wv15 answer="" change=""> why rejected, 2nd app</wv15>      |
| d14appl_b11         | wv14 uas322 SS disability app:: what did after rejection, 2nd app                            |
| d15appl_b11         | wv15 uas551 SS disability app:: what did after rejection, 2nd app                            |
| d14appl_b12         | wv14 uas322 SS disability app:: help w appeal prep - MULT RESP COMBO, 2nd app                |
| d15appl_b12_ans15   | wv15 uas551 SS disability app:: <w15 ans="" chg=""> help w appeal - ML RSP CM, 2nd app</w15> |
| d14appl_b12s1       | wv14 uas322 SS disability app:: help w appeal prep - none, 2nd app                           |
| d15appl_b12s1_ans15 | wv15 uas551 SS disability app:: help w appeal prep - none, 2nd app                           |
| d14appl_b12s2       | wv14 uas322 SS disability app:: help w appeal prep - lawyer, 2nd app                         |
| d15appl_b12s2_ans15 | wv15 uas551 SS disability app:: help w appeal prep - lawyer, 2nd app                         |
| d14appl_b12s3       | wv14 uas322 SS disability app:: help w appeal prep - fam/friends, 2nd app                    |
| d15appl_b12s3_ans15 | wv15 uas551 SS disability app:: help w appeal prep - fam/friends, 2nd app                    |
| d14appl_b12s4       | wv14 uas322 SS disability app:: help w appeal prep - sowrker/ins/emplyr, 2nd app             |
| d15appl_b12s4_ans15 | wv15 uas551 SS disability app:: help w appeal prep - sowrker/ins/emplyr, 2nd app             |
| d14appl_b12s5       | wv14 uas322 SS disability app:: help w appeal prep - someone else, 2nd app                   |
| d15appl_b12s5_ans15 | wv15 uas551 SS disability app:: help w appeal prep - oth person, 2nd app                     |
| d15appl_b12s6_ans15 | wv15 uas551 SS disability app:: help w appeal prep - SSA rep, 2nd app                        |
| d14appl_b13         | wv14 uas322 SS disability app:: final outcome of appeal, 2nd app                             |
| d15appl_b13         | wv15 uas551 SS disability app:: final outcome of appeal, 2nd app                             |
| d14appl_b14         | wv14 uas322 SS disability app:: mo between 1st appeal & final decision, 2nd app              |
| d15appl_b14         | wv15 uas551 SS disability app:: mo between 1st appeal & final decision, 2nd app              |
| d14appl_b15         | wv14 uas322 SS disability app:: whether submitted new app after rejectn, 2nd app             |
| d15appl_b15         | wv15 uas551 SS disability app:: whether submitted new app after rejectn, 2nd app             |
| d14appl_c1          | wv14 uas322 SS disability app:: num of applications for disability benefits                  |
| d15appl_c1          | wv15 uas551 SS disability app:: num of applications for disability benefits                  |
| d14appl_c2_year     | wv14 uas322 SS disability app:: yrmo ago - yrs, most recent app attempt                      |

| d15appl_c2_year_ch15 | wv15 uas551 SS disability app:: <w15 &="" ans="" chg="" txt=""> yr of most recent app attmpt</w15> |
|----------------------|--|
| d14appl_c2_month     | wv14 uas322 SS disability app:: yrmo ago - mos, most recent app attempt                            |
| d14appl_c3           | wv14 uas322 SS disability app:: who gave assistance for prep/submission, rec app                   |
| d15appl_c3_ans15     | wv15 uas551 SS disability app:: <w15 ans="" chg="" fmt=""> prp/sub hlp - ML RS CM, rec ap</w15>    |
| d15appl_c3s1         | wv15 uas551 SS disability app:: prep/submission help - none, rec app                               |
| d15appl_c3s2         | wv15 uas551 SS disability app:: prep/submission help - lawyer, rec app                             |
| d15appl_c3s3         | wv15 uas551 SS disability app:: prep/submission help - fam/friends, rec app                        |
| d15appl_c3s4         | wv15 uas551 SS disability app:: prep/submission help - soc wrkr/ins/emp, rec app                   |
| d15appl_c3s5         | wv15 uas551 SS disability app:: prep/submission help - oth person, rec app                         |
| d15appl_c3s6         | wv15 uas551 SS disability app:: prep/submission help - SSA rep, rec app                            |
| d14appl_c4           | wv14 uas322 SS disability app:: how app was submitted, rec app                                     |
| d15appl_c4_ans15     | wv15 uas551 SS disability app:: <wv15 ans="" chg=""> how app was submitted, rec app</wv15>         |
| d14appl_c5           | wv14 uas322 SS disability app:: rating ease of prep & submit process, rec app                      |
| d15appl_c5           | wv15 uas551 SS disability app:: rating ease of prep & submit process, rec app                      |
| d14appl_c6           | wv14 uas322 SS disability app:: whether provided medical records, rec app                          |
| d15appl_c6_que15     | wv15 uas551 SS disability app:: <wv15 chg="" txt=""> wheth provided med rcrds, rec app</wv15>      |
| d14appl_c7           | wv14 uas322 SS disability app:: whether asked by SSA to visit dr, rec app                          |
| d15appl_c7           | wv15 uas551 SS disability app:: whether asked by SSA to visit dr, rec app                          |
| d14appl_c8           | wv14 uas322 SS disability app:: outcome of application, rec app                                    |
| d15appl_c8           | wv15 uas551 SS disability app:: outcome of application, rec app                                    |
| d14appl_c9           | wv14 uas322 SS disability app:: how long (mo) to hear back about, rec app                          |
| d15appl_c9           | wv15 uas551 SS disability app:: how long (mo) to hear back about, rec app                          |
| d14appl_c9b          | wv14 uas322 SS disability app:: support before decisn - MULT RESP COMBO, rec app                   |
| d15appl_c9b_ans15    | wv15 uas551 SS disability app:: <w15 ans="" chg=""> spprt bef dcsn - ML RS CM, rec app</w15>       |
| d14appl_c9bs1        | wv14 uas322 SS disability app:: support before decisn - full-time work, rec app                    |
| d15appl_c9bs1_ans15  | wv15 uas551 SS disability app:: supprt before decision - fulltime wrk, rec app                     |
| d14appl_c9bs2        | wv14 uas322 SS disability app:: support before decisn - part-time wrk, rec app                     |
| d15appl_c9bs2_ans15  | wv15 uas551 SS disability app:: supprt before decision - parttime wrk, rec app                     |
| d14appl_c9bs3        | wv14 uas322 SS disability app:: support before decisn - govt assistnce, rec app                    |
| d15appl_c9bs3_ans15  | wv15 uas551 SS disability app:: supprt before decision - gov help, rec app                         |

| d14appl_c9bs4       | wv14 uas322 SS disability app:: support before decisn - sp earnings, rec app                 |
|---------------------|--|
| d15appl_c9bs4_ans15 | wv15 uas551 SS disability app:: supprt before decision - sp earnings, rec app                |
| d14appl_c9bs5       | wv14 uas322 SS disability app:: support before decisn - borrowed, rec app                    |
| d15NEW15appl_c9bs5  | wv15 uas551 SS disability app:: supprt before decision - savings, rec app                    |
| d14appl_c9bs6       | wv14 uas322 SS disability app:: support before decisn - chg where live, rec app              |
| d15NEW15appl_c9bs6  | wv15 uas551 SS disability app:: supprt before decision - borrowed, rec app                   |
| d14appl_c9bs7       | wv14 uas322 SS disability app:: support before decisn - sold assets, rec app                 |
| d15NEW15appl_c9bs7  | wv15 uas551 SS disability app:: supprt before decision - chg where live, rec app             |
| d14appl_c9bs8       | wv14 uas322 SS disability app:: support before decisn - frnd/fam assist, rec app             |
| d15NEW15appl_c9bs8  | wv15 uas551 SS disability app:: supprt before decision - sold assets, rec app                |
| d14appl_c9bs9       | wv14 uas322 SS disability app:: support before decisn - other, rec app                       |
| d15NEW15appl_c9bs9  | wv15 uas551 SS disability app:: supprt before decision - frnd/fam help, rec app              |
| d15appl_c9bs10      | wv15 uas551 SS disability app:: supprt before decision - other, rec app                      |
| d14appl_c10         | wv14 uas322 SS disability app:: why rejected, rec app  |
| d15appl_c10_ans15   | wv15 uas551 SS disability app:: <wv15 answer="" change=""> why rejected, rec app</wv15>      |
| d14appl_c11         | wv14 uas322 SS disability app:: what did after rejection, rec app                            |
| d15appl_c11         | wv15 uas551 SS disability app:: what did after rejection, rec app                            |
| d14appl_c12         | wv14 uas322 SS disability app:: help w appeal prep - MULT RESP COMBO, rec app                |
| d15appl_c12_ans15   | wv15 uas551 SS disability app:: <w15 ans="" chg=""> help w appeal - MLT RS CM, rec app</w15> |
| d14appl_c12s1       | wv14 uas322 SS disability app:: help w appeal prep - none, rec app                           |
| d15appl_c12s1_ans15 | wv15 uas551 SS disability app:: help w appeal prep - none, rec app                           |
| d14appl_c12s2       | wv14 uas322 SS disability app:: help w appeal prep - lawyer, rec app                         |
| d15appl_c12s2_ans15 | wv15 uas551 SS disability app:: help w appeal prep - lawyer, rec app                         |
| d14appl_c12s3       | wv14 uas322 SS disability app:: help w appeal prep - fam/friends, rec app                    |
| d15appl_c12s3_ans15 | wv15 uas551 SS disability app:: help w appeal prep - fam/friends, rec app                    |
| d14appl_c12s4       | wv14 uas322 SS disability app:: help w appeal prep - sowrker/ins/emplyr, rec app             |
| d15appl_c12s4_ans15 | wv15 uas551 SS disability app:: help w appeal prep - sowrker/ins/emplyr, rec app             |
| d14appl_c12s5       | wv14 uas322 SS disability app:: help w appeal prep - someone else, rec app                   |
| d15appl_c12s5_ans15 | wv15 uas551 SS disability app:: help w appeal prep - oth person, rec app                     |
| d15appl_c12s6_ans15 | wv15 uas551 SS disability app:: help w appeal prep - SSA rep, rec app                        |

| d14appl_c13           | wv14 uas322 SS disability app:: final outcome of appeal, rec app                             |  |
|-----------------------|--|--|
| d15appl_c13           | wv15 uas551 SS disability app:: final outcome of appeal, rec app                             |  |
| d14appl_c14           | wv14 uas322 SS disability app:: mo between 1st appeal & final decision, rec app              |  |
| d15appl_c14           | 15 uas551 SS disability app:: mo between 1st appeal & final decision, rec app                |  |
| d14application_status | wv14 uas322 SS disability app:: application status   |  |
| d15application_status | wv15 uas551 SS disability app:: application status   |  |
| d14appl_d1            | wv14 uas322 SS disability app:: whether intend to submit new app in future                   |  |
| d15appl_d1            | wv15 uas551 SS disability app:: whether intend to submit new app in future                   |  |
| d14appl_d2            | wv14 uas322 SS disability app:: supprt since app rejectn - MULT RESP COMBO, cur              |  |
| d15appl_d2_ans15      | wv15 uas551 SS disability app:: <w15 ans="" chg=""> spprt since rjctn - MLT RS CM, cur</w15> |  |
| d14appl_d2s1          | wv14 uas322 SS disability app:: supprt since app rejectn - full-time work, cur               |  |
| d15appl_d2s1_ans15    | wv15 uas551 SS disability app:: support since rejection - fulltime wrk, cur                  |  |
| d14appl_d2s2          | wv14 uas322 SS disability app:: supprt since app rejectn - part-time wrk, cur                |  |
| d15appl_d2s2_ans15    | wv15 uas551 SS disability app:: support since rejection - parttime wrk, cur                  |  |
| d14appl_d2s3          | wv14 uas322 SS disability app:: supprt since app rejectn - govt assistnce, cur               |  |
| d15appl_d2s3_ans15    | wv15 uas551 SS disability app:: support since rejection - gov help, cur                      |  |
| d14appl_d2s4          | wv14 uas322 SS disability app:: supprt since app rejectn - sp earnings, cur                  |  |
| d15appl_d2s4_ans15    | wv15 uas551 SS disability app:: support since rejection - sp earnings, cur                   |  |
| d14appl_d2s5          | wv14 uas322 SS disability app:: supprt since app rejectn - borrowed, cur                     |  |
| d15NEW15appl_d2s5     | wv15 uas551 SS disability app:: support since rejection - savings, cur                       |  |
| d14appl_d2s6          | wv14 uas322 SS disability app:: supprt since app rejectn - chg where live, cur               |  |
| d15NEW15appl_d2s6     | wv15 uas551 SS disability app:: support since rejection - borrowed, cur                      |  |
| d14appl_d2s7          | wv14 uas322 SS disability app:: supprt since app rejectn - sold assets, cur                  |  |
| d15NEW15appl_d2s7     | wv15 uas551 SS disability app:: support since rejection - chg where live, cur                |  |
| d14appl_d2s8          | wv14 uas322 SS disability app:: supprt since app rejectn - frnd/fam assist, cur              |  |
| d15NEW15appl_d2s8     | wv15 uas551 SS disability app:: support since rejection - sold assets, cur                   |  |
| d14appl_d2s9          | wv14 uas322 SS disability app:: supprt since app rejectn - other, cur                        |  |
| d15NEW15appl_d2s9     | wv15 uas551 SS disability app:: support since rejection - frnd/fam help, cur                 |  |
| d15appl_d2s10         | wv15 uas551 SS disability app:: support since rejection - other, cur                         |  |
| d14serv7b             | wv14 uas322 SS disability & self5:: compare imptnce in SSDI/SSI mo benfit vs ins             |  |

| d14serv8          | wv14 uas322 SS disability & self5:: how satisfied with amt of SSDI/SSI benefit               |
|-------------------|--|
| d15serv8          | wv15 uas551 SS disability & self5:: how satisfied with amt of SSDI/SSI benefit               |
| d14serv9          | wv14 uas322 SS disability & self5:: how reliant on SSDI/SSI benefit                          |
| d15serv9a         | wv15 uas551 SS disability & self5:: how much of income is from SSDI                          |
| d14serv10         | wv14 uas322 SS disability & self5:: how health now vs 1st applied to SSDI/SSI                |
| d15serv10         | wv15 uas551 SS disability & self5:: how health now vs 1st applied to SSDI/SSI                |
| d14serv11         | wv14 uas322 SS disability & self5:: happiness now vs 1st applied to SSDI/SSI                 |
| d14serv12         | wv14 uas322 SS disability & self5:: life satis now vs 1st applied to SSDI/SSI                |
| d15serv12         | wv15 uas551 SS disability & self5:: life satis now vs 1st applied to SSDI/SSI                |
| d14serv13         | wv14 uas322 SS disability & self5:: likelihood ever go back to wrk, w SSDI/SSI               |
| d15serv13         | wv15 uas551 SS disability & self5:: likelihood ever go back to wrk, w SSDI/SSI               |
| d14serv13_b1      | wv14 uas322 SS disability & self5:: whether currently working                                |
| d15serv13_b1      | wv15 uas551 SS disability & self5:: whether currently working                                |
| d14serv13_b2      | wv14 uas322 SS disability & self5:: liklihood ever back to wrk, no SSDI/SSI/wrk              |
| d15serv13_b2      | wv15 uas551 SS disability & self5:: liklihood ever back to wrk, no SSDI/SSI/wrk              |
| d14serv14         | wv14 uas322 SS disability & self5:: whether aware of Substl Gainful Activty rule             |
| d15serv14_que15   | wv15 uas551 SS disability & self5:: <w15 chg="" txt=""> know Sbstl Gainful Actvty rule</w15> |
| d14serv14b        | wv14 uas322 SS disability & self5:: whether would work more if no SGA rule                   |
| d15serv14b        | wv15 uas551 SS disability & self5:: whether would work more if no SGA rule                   |
| d15bar1           | wv15 uas551 SS disability app:: never applied for SS benefits                                |
| d15bar2           | wv15 uas551 SS disability app:: likelihood approved for SS benefits                          |
| d15barr1b1_3      | wv15 uas551 SS disability app:: wheth earn \$1470+ per mo                                    |
| d15barr1b1_3_flag | wv15 uas551 SS disability app:: wheth txt in barr1b1_3 was exactly 1470 vs 1470+             |
| d15barr3          | wv15 uas551 SS disability app:: whether would apply for SSI, SSDI, or both                   |
| d15bar5           | wv15 uas551 SS disability app:: why not applying - MULT RESP COMBO                           |
| d15bar5s1         | wv15 uas551 SS disability app:: why not applying - disability not severe enuf                |
| d15bar5s2         | wv15 uas551 SS disability app:: why not applying - missing med docs                          |
| d15bar5s3         | wv15 uas551 SS disability app:: why not applying - disability wont last 12+ mo               |
| d15bar5s4         | wv15 uas551 SS disability app:: why not applying - dont qualify                              |
| d15bar5s5         | wv15 uas551 SS disability app:: why not applying - app process too difficult                 |

| d15bar5s6          | wv15 uas551 SS disability app:: why not applying - going back to work            |
|--------------------|--|
| d15bar5s7          | wv15 uas551 SS disability app:: why not applying - takes too long                |
| d15bar5s8          | wv15 uas551 SS disability app:: why not applying - approval too difficult        |
| d15bar5s9          | wv15 uas551 SS disability app:: why not applying - feel like giving up           |
| d15bar5s10         | wv15 uas551 SS disability app:: why not applying - looked down on                |
| d15bar5s11         | wv15 uas551 SS disability app:: why not applying - other                         |
| d15bar5_order_1_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 1st option         |
| d15bar5_order_2_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 2nd option         |
| d15bar5_order_3_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 3rd option         |
| d15bar5_order_4_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 4th option         |
| d15bar5_order_5_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 5th option         |
| d15bar5_order_6_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 6th option         |
| d15bar5_order_7_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 7th option         |
| d15bar5_order_8_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 8th option         |
| d15bar5_order_9_   | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 9th option         |
| d15bar5_order_10_  | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 10th option        |
| d15bar5_order_11_  | wv15 uas551 SS disability app:: why not applying - ANS ORDER, 11th option        |
| d15bar5a           | wv15 uas551 SS disability app:: why no apply, most important reason              |
| d15bar5a_order_1_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 1st option  |
| d15bar5a_order_2_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 2nd option  |
| d15bar5a_order_3_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 3rd option  |
| d15bar5a_order_4_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 4th option  |
| d15bar5a_order_5_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 5th option  |
| d15bar5a_order_6_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 6th option  |
| d15bar5a_order_7_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 7th option  |
| d15bar5a_order_8_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 8th option  |
| d15bar5a_order_9_  | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 9th option  |
| d15bar5a_order_10_ | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 10th option |
| d15bar5a_order_11_ | wv15 uas551 SS disability app:: why no apply, most impt - ANS ORDER, 11th option |
| d15bar5b           | wv15 uas551 SS disability app:: why no apply, 2nd most important reason          |

| d15bar5b_order_1_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 1st opt  |
|----------------------|--|
| d15bar5b_order_2_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 2nd opt  |
| d15bar5b_order_3_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 3rd opt  |
| d15bar5b_order_4_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 4th opt  |
| d15bar5b_order_5_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 5th opt  |
| d15bar5b_order_6_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 6th opt  |
| d15bar5b_order_7_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 7th opt  |
| d15bar5b_order_8_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 8th opt  |
| d15bar5b_order_9_    | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 9th opt  |
| d15bar5b_order_10_   | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 10th opt |
| d15bar5b_order_11_   | wv15 uas551 SS disability app:: why no apply, 2nd mst impt - ANS ORDER, 11th opt |
| d15barr6_b           | wv15 uas551 SS disability app:: wheth suggestion to apply - MULT RESP COMBO      |
| d15barr6_bs1         | wv15 uas551 SS disability app:: wheth suggestion to apply - fam/frnd/colleague   |
| d15barr6_bs2         | wv15 uas551 SS disability app:: wheth suggestion to apply - hltchare provider    |
| d15barr6_bs3         | wv15 uas551 SS disability app:: wheth suggestion to apply - social worker        |
| d15barr6_bs4         | wv15 uas551 SS disability app:: wheth suggestion to apply - employer             |
| d15barr6_bs5         | wv15 uas551 SS disability app:: wheth suggestion to apply - other                |
| d15barr6_bs6         | wv15 uas551 SS disability app:: wheth suggestion to apply - no suggestion        |
| d15barr6_b_order_1_  | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 1st optn  |
| d15barr6_b_order_2_  | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 2nd optn  |
| d15barr6_b_order_3_  | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 3rd optn  |
| d15barr6_b_order_4_  | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 4th optn  |
| d15barr6_b_order_5_  | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 5th optn  |
| d15barr6_b_order_6_  | wv15 uas551 SS disability app:: wheth suggestion to apply - ANS ORDER, 6th optn  |
| d15bar7              | wv15 uas551 SS disability app:: how likely to apply in next 5 yrs                |
| d15bar7a             | wv15 uas551 SS disability app:: how likely to apply in next 10 yrs               |
| d15bar7_8_asked      | wv15 uas551 SS disability app:: whether ques bar 8 asked                         |
| d14vignette_group    | wv14 uas322 SS disability vign:: vignette group (mixed/mild/severe) randomizer   |
| d14vignette_name     | wv14 uas322 SS disability vign:: vignette name randomizer                        |
| d14vignette_order_1_ | wv14 uas322 SS disability vign:: whether vignette 1 presented                    |

| d14vignette_order_2_  | wv14 uas322 SS disability vign:: whether vignette 2 presented  |
|-----------------------|--|
| d14vignette_order_3_  | wv14 uas322 SS disability vign:: whether vignette 3 presented  |
| d14vignette_order_4_  | wv14 uas322 SS disability vign:: whether vignette 4 presented  |
| d14vignette_order_5_  | wv14 uas322 SS disability vign:: whether vignette 5 presented  |
| d14vignette_order_6_  | wv14 uas322 SS disability vign:: whether vignette 6 presented  |
| d14vignette_order_7_  | wv14 uas322 SS disability vign:: whether vignette 7 presented  |
| d14vignette_order_8_  | wv14 uas322 SS disability vign:: whether vignette 8 presented  |
| d14vignette_order_9_  | wv14 uas322 SS disability vign:: whether vignette 9 presented  |
| d14vignette_order_10_ | wv14 uas322 SS disability vign:: whether vignette 10 presented |
| d14flname_1_          | wv14 uas322 SS disability vign:: name in vignette 1            |
| d14flname_2_          | wv14 uas322 SS disability vign:: name in vignette 2            |
| d14flname_3_          | wv14 uas322 SS disability vign:: name in vignette 3            |
| d14flname_4_          | wv14 uas322 SS disability vign:: name in vignette 4            |
| d14flname_5_          | wv14 uas322 SS disability vign:: name in vignette 5            |
| d14flname_6_          | wv14 uas322 SS disability vign:: name in vignette 6            |
| d14flname_7_          | wv14 uas322 SS disability vign:: name in vignette 7            |
| d14flname_8_          | wv14 uas322 SS disability vign:: name in vignette 8            |
| d14flname_9_          | wv14 uas322 SS disability vign:: name in vignette 9            |
| d14flname_10_         | wv14 uas322 SS disability vign:: name in vignette 10           |

Table B.11 Financial Health Network Assessment Variables in the Comprehensive File

| Variable Name           | Variable Label   |
|-------------------------|--|
| qfhn13_2018score_spend  | 2018 uas133 Financial Health Network spending component score  |
| qfhn14_2019score_spend  | 2019 uas183 Financial Health Network spending component score  |
| qfhn14_2020score_spend  | 2020 uas233 Financial Health Network spending component score  |
| qfhn15_2021score_spend  | 2021 uas385 Financial Health Network spending component score  |
| qfhn15_2022score_spend  | 2022 uas453 Financial Health Network spending component score  |
| qfhn13_2018score_save   | 2018 uas133 Financial Health Network saving component score    |
| qfhn14_2019score_save   | 2019 uas183 Financial Health Network saving component score    |
| qfhn14_2020score_save   | 2020 uas233 Financial Health Network saving component score    |
| qfhn15_2021score_save   | 2021 uas385 Financial Health Network saving component score    |
| qfhn15_2022score_save   | 2022 uas453 Financial Health Network saving component score    |
| qfhn13_2018score_borrow | 2018 uas133 Financial Health Network borrowing component score |
| qfhn14_2019score_borrow | 2019 uas183 Financial Health Network borrowing component score |
| qfhn14_2020score_borrow | 2020 uas233 Financial Health Network borrowing component score |
| qfhn15_2021score_borrow | 2021 uas385 Financial Health Network borrowing component score |
| qfhn15_2022score_borrow | 2022 uas453 Financial Health Network borrowing component score |
| qfhn13_2018score_plan   | 2018 uas133 Financial Health Network planning component score  |
| qfhn14_2019score_plan   | 2019 uas183 Financial Health Network planning component score  |
| qfhn14_2020score_plan   | 2020 uas233 Financial Health Network planning component score  |
| qfhn15_2021score_plan   | 2021 uas385 Financial Health Network planning component score  |
| qfhn15_2022score_plan   | 2022 uas453 Financial Health Network planning component score  |
| qfhn13_2018score_total  | 2018 uas133 Financial Health Network total score               |
| qfhn14_2019score_total  | 2019 uas183 Financial Health Network total score               |
| qfhn14_2020score_total  | 2020 uas233 Financial Health Network total score               |
| qfhn15_2021score_total  | 2021 uas385 Financial Health Network total score               |
| qfhn15_2022score_total  | 2022 uas453 Financial Health Network total score               |
| qfhn13_2018tier         | 2018 uas133 Financial Health Network total score tier          |
| qfhn14_2019tier         | 2019 uas183 Financial Health Network total score tier          |
| qfhn14_2020tier         | 2020 uas233 Financial Health Network total score tier          |

| qfhn15_2021tier | 2021 uas385 Financial Health Network total score tier |
|-----------------|---|
| qfhn15_2022tier | 2022 uas453 Financial Health Network total score tier |

Table B.12 Elder Index Quintile Variables in the Comprehensive File

| Variable Name              | Variable Label  |
|----------------------------|---|
| ei2019single_owner_no_mort | 2019 Elder Index Quintile: single homeowner with no mortgage  |
| ei2020single_owner_no_mort | 2020 Elder Index Quintile: single homeowner with no mortgage  |
| ei2019single_owner_mort    | 2019 Elder Index Quintile: single homeowner with mortgage     |
| ei2020single_owner_mort    | 2020 Elder Index Quintile: single homeowner with mortgage     |
| ei2019single_renter        | 2019 Elder Index Quintile: single renter                      |
| ei2020single_renter        | 2020 Elder Index Quintile: single renter                      |
| ei2019couple_owner_no_mort | 2019 Elder Index Quintile: coupled homeowner with no mortgage |
| ei2020couple_owner_no_mort | 2020 Elder Index Quintile: coupled homeowner with no mortgage |
| ei2019couple_owner_mort    | 2019 Elder Index Quintile: coupled homeowner with mortgage    |
| ei2020couple_owner_mort    | 2020 Elder Index Quintile: coupled homeowner with mortgage    |
| ei2019couple_renter        | 2019 Elder Index Quintile: coupled renter                     |
| ei2020couple_renter        | 2020 Elder Index Quintile: coupled renter                     |

Table B.13 Non-HRS Derived Variables in the Comprehensive File

| Variable Name | Variable Label   |
|---------------|--|
| j12rpi        | w12 Retirement Preparedness Index—uses data from UAS 16, 24, and 26    |
| j13rpi        | w13 Retirement Preparedness Index—uses data from UAS 94, 99, and 113   |
| j14rpi        | w14 Retirement Preparedness Index—uses data from UAS 231, 189, and 238 |
| j15rpi        | w15 Retirement Preparedness Index—uses data from UAS 457, 400, and 459 |

## APPENDIX C. ELDER INDEX MEDIAN VALUES BY HOUSEHOLD TYPE AND QUINTILE

| Elder Index variable and definition   | Variable value and quintile | Median value in quintile |
|---|-----------------------------|--------------------------|
| ei2019single_owner_no_mort:   | 1—1 <sup>st</sup> quintile  | \$18,360                 |
| Quintile of the 2019 Elder Index assuming singles in good health, homeowner with no mortgage, based | 2—2 <sup>nd</sup> quintile  | \$19,296                 |
| on values across all US counties.   | 3—3 <sup>rd</sup> quintile  | \$20,100                 |
|   | 4—4 <sup>th</sup> quintile  | \$20,928                 |
|   | 5—5 <sup>th</sup> quintile  | \$21,912                 |
| ei2019single_owner_mort:  | 1−1 <sup>st</sup> quintile  | \$25,728                 |
| Quintile of the 2019 Elder Index assuming singles in  | 2—2 <sup>nd</sup> quintile  | \$27,108                 |
| good health, homeowner with a mortgage, based on values across all US counties.                     | 3—3 <sup>rd</sup> quintile  | \$28,188                 |
|   | 4—4 <sup>th</sup> quintile  | \$29,412                 |
|   | 5—5 <sup>th</sup> quintile  | \$32,520                 |
| ei2019single_renter:  | 1—1 <sup>st</sup> quintile  | \$20,784                 |
| Quintile of the 2019 Elder Index assuming singles in  | 2—2 <sup>nd</sup> quintile  | \$21,744                 |
| good health, renter, based on values across all US counties.  | 3—3 <sup>rd</sup> quintile  | \$22,380                 |
|   | 4—4 <sup>th</sup> quintile  | \$23,118                 |
|   | 5—5 <sup>th</sup> quintile  | \$25,428                 |
| ei2019couple_owner_no_mort:   | 1−1 <sup>st</sup> quintile  | \$29,028                 |
| Quintile of the 2019 Elder Index assuming couples in  | 2—2 <sup>nd</sup> quintile  | \$30,432                 |
| good health, homeowner with no mortgage, based on values across all US counties.                    | 3—3 <sup>rd</sup> quintile  | \$31,668                 |
|   | 4—4 <sup>th</sup> quintile  | \$32,892                 |
|   | 5—5 <sup>th</sup> quintile  | \$34,116                 |
| ei2019couple_owner_mort:  | 1—1 <sup>st</sup> quintile  | \$36,624                 |
| Quintile of the 2019 Elder Index assuming couples in  | 2—2 <sup>nd</sup> quintile  | \$38,424                 |
| good health, homeowner with a mortgage, based on values across all US counties.                     | 3—3 <sup>rd</sup> quintile  | \$39,912                 |
|   | 4—4 <sup>th</sup> quintile  | \$41,292                 |
|   | 5—5 <sup>th</sup> quintile  | \$44,472                 |

| ei2019couple_renter:  | 1—1 <sup>st</sup> quintile | \$31,680 |
|---|----------------------------|----------|
| Quintile of the 2019 Elder Index assuming couples in  | 2—2 <sup>nd</sup> quintile | \$32,952 |
| good health, renter, based on values across all US counties.  | 3—3 <sup>rd</sup> quintile | \$34,164 |
|   | 4—4 <sup>th</sup> quintile | \$35,076 |
|   | 5—5 <sup>th</sup> quintile | \$37,146 |
| ei2020single_owner_no_mort:   | 1—1 <sup>st</sup> quintile | \$18,468 |
| Quintile of the 2020 Elder Index assuming singles in good health, homeowner with no mortgage, based   | 2—2 <sup>nd</sup> quintile | \$19,608 |
| on values across all US counties.   | 3—3 <sup>rd</sup> quintile | \$20,472 |
|   | 4—4 <sup>th</sup> quintile | \$21,288 |
|   | 5—5 <sup>th</sup> quintile | \$22,296 |
| ei2020single_owner_mort:  | 1—1 <sup>st</sup> quintile | \$26,172 |
| Quintile of the 2020 Elder Index assuming singles in good health, homeowner with a mortgage, based on | 2—2 <sup>nd</sup> quintile | \$27,600 |
| values across all US counties.  | 3—3 <sup>rd</sup> quintile | \$28,692 |
|   | 4—4 <sup>th</sup> quintile | \$29,964 |
|   | 5—5 <sup>th</sup> quintile | \$33,204 |
| ei2020single_renter:  | 1—1 <sup>st</sup> quintile | \$21,144 |
| Quintile of the 2020 Elder Index assuming singles in  | 2—2 <sup>nd</sup> quintile | \$22,128 |
| good health, renter, based on values across all US counties.  | 3—3 <sup>rd</sup> quintile | \$22,776 |
|   | 4—4 <sup>th</sup> quintile | \$23,532 |
|   | 5—5 <sup>th</sup> quintile | \$25,962 |
| ei2020couple_owner_no_mort:   | 1—1 <sup>st</sup> quintile | \$29,652 |
| Quintile of the 2020 Elder Index assuming couples in good health, homeowner with no mortgage, based   | 2—2 <sup>nd</sup> quintile | \$31,056 |
| on values across all US counties.   | 3—3 <sup>rd</sup> quintile | \$32,340 |
|   | 4—4 <sup>th</sup> quintile | \$33,600 |

|   | 5—5 <sup>th</sup> quintile | \$34,908 |
|---|----------------------------|----------|
| ei2020couple_owner_mort:  | 1−1 <sup>st</sup> quintile | \$37,344 |
| Quintile of the 2020 Elder Index assuming couples in good health, homeowner with a mortgage, based on             | 2—2 <sup>nd</sup> quintile | \$39,246 |
| values across all US counties.  | 3—3 <sup>rd</sup> quintile | \$40,800 |
|   | 4—4 <sup>th</sup> quintile | \$42,252 |
|   | 5—5 <sup>th</sup> quintile | \$45,450 |
| ei2020couple_renter:  | 1—1 <sup>st</sup> quintile | \$32,316 |
| Quintile of the 2020 Elder Index assuming couples in good health, renter, based on values across all US counties. | 2—2 <sup>nd</sup> quintile | \$33,648 |
|   | 3—3 <sup>rd</sup> quintile | \$34,920 |
|   | 4—4 <sup>th</sup> quintile | \$35,856 |
|   | 5—5 <sup>th</sup> quintile | \$38,016 |