American Time Use Survey (ATUS) Data Dictionary: 2003-16 Interview Data

Variables collected in ATUS

July 2017

Important Information about the ATUS Data Dictionary

Introduction

The American Time Use Survey (ATUS) is sponsored by the Bureau of Labor Statistics and conducted by the U.S. Census Bureau. The purpose of this document is to provide information about the variables available on six multi-year ATUS data files: the Respondent file, the Roster file, the Activity file, the Who file, the Eldercare Respondent file, and the Activity Summary file. These files contain information collected and assigned in the 2003 to 2016 ATUS interviews. This data dictionary differs from individual year data dictionaries because it describes files that have data from multiple years.

This data dictionary lists all the variables available on these multi-year files and their valid values. It also provides directions on how to read the data dictionary.

Three additional data dictionaries describe other ATUS data files:

- ATUS-CPS Data Dictionary: Describes the variables available on the ATUS-CPS file as well as some variables on the Activity Summary file. The ATUS-CPS file contains data from the Current Population Survey (CPS) for persons selected to be surveyed for the ATUS and for members of their households. (The information on the ATUS-CPS file was collected two to five months before the ATUS interview and in some cases was out of date at the time the ATUS was conducted.) This dictionary is available for both multi-year and single-year ATUS-CPS data files.
- ATUS Survey Methodology Data Dictionary: Describes the variables available on the single-year Case History and Call History files. This data dictionary is only available for single-year Case History and Call History files because there are no multi-year Case History and Call History files.
- Trips Data Dictionary: Starting in 2011, the trips questions were replaced by the eldercare questions. The data dictionary describes the variables on the Trips files, which are available for the years, 2005-10. This data dictionary is only available for single-year Trips files because there are no multi-year Trips files.

These additional single- and multi-year data dictionaries are available on the ATUS Web site at www.bls.gov/tus/dictionaries.htm.

ATUS Interview Data Files

The following six multi-year data files include data available from the ATUS interviews.

1. 2003-16 ATUS Respondent File

This file contains case-specific variables collected in all currently available years of the ATUS (that is, variables for which there is one value for each respondent). These include, for example, labor force and earnings information, total time providing secondary childcare, and ATUS statistical weights. The ATUS statistical weights variable (TUFNWGTP) was developed using the 2006 weighting method. For more information about ATUS statistical weights, why researchers should use them, and details about the ATUS weighting methods, see the ATUS User's Guide (www.bls.gov/tus/atususersquide.pdf).

There is one record for each ATUS respondent.

Below is a simplified example. The TUCASEID identifies each household, and TULINENO identifies each individual within the household. The example contains responses from five individuals; note that the respondent always has TULINENO=1. In the example, each respondent has corresponding values denoting school enrollment (TESCHENR), labor force status (TELFS), and total nonwork-related time spent alone (TRTALONE). The actual ATUS Respondent file contains many more variables as well as many more lines.

TUCASEID	TULINENO	TESCHENR	TELFS	TRTALONE
20160101020210	1	1	1	40
20160101020211	1	1	1	350
20160101020212	1	1	5	0
20160101020213	1	2	5	556
20160101020214	1	1	4	100

2. 2003-16 ATUS Roster File

This file contains information on the age, sex, and each household member's relationship to the ATUS respondent. The same information is also included for the respondent's own nonhousehold children under 18.

There is one record for each individual in the respondent's household (including the respondent's own nonhousehold children under 18).

A simplified example appears below. The TUCASEID identifies each household, and the TULINENO identifies each individual in the household. In the example below, TUCASEID 20160101020210 has three persons residing in the household, and TUCASEID 20160101020211 and TUCASEID 20160101020212 each have one person. The actual ATUS Roster file contains more variables and many additional lines.

TUCASEID	TULINENO	TERRP	TESEX	TEAGE
20160101020210	1	18	2	42
20160101020210	2	20	1	45
20160101020210	3	22	1	11
20160101020211	1	18	1	65
20160101020212	1	18	2	21

3. 2003-16 ATUS Activity File

This file includes activity-level information collected in ATUS, including activity code, location, duration, activity start and stop times, and whether respondents had a child under 13 in their care during the activity. Location (or "where") information is not collected for some selected activities (such as sleeping and grooming); a value that indicates the activity was "out of universe" for the "where" question (-1) is filled in these situations. There is one record for each activity.

A simplified example of the ATUS Activity file appears below. This is an illustration of part of one respondent's day. Because only one person is interviewed per household, each TUCASEID on the Activity file identifies a respondent. Each activity is identified by an activity number (TUACTIVITY_N). The ATUS Activity file contains more variables describing each activity as well as many more lines than does the example below. Due to changes made to the activity lexicons in the early years of the ATUS, activity codes appear on the 2003-16 Activity file that do not appear on the single-year Activity files. A new 2003-16 Activity Coding lexicon is available at www.bls.gov/tus/lexiconnoex0316.pdf with codes that appear on the 2003-16 Activity file.

TUCASEID	TUACTIVITY_N	TUSTARTTIM	TUSTOPTIME
20160101020210	1	04:00:00	07:00:00
20160101020210	2	07:00:00	07:30:00
20160101020210	3	07:30:00	08:00:00
20160101020210	4	08:00:00	12:00:00
20160101020210	5	12:00:00	13:30:00
20160101020210	6	13:30:00	17:30:00
20160101020210	7	17:30:00	18:00:00
20160101020210	8	18:00:00	19:00:00
20160101020210	9	19:00:00	21:00:00
20160101020210	10	21:00:00	04:00:00

4. 2003-16 ATUS Who File

This file includes codes that indicate who was present during each activity.

There is one record for each "who" code reported. Therefore, there will be one record for activities done alone and multiple records for activities with multiple people present. For some activities, no "who" codes are collected (such as sleeping and grooming in all years, and working in 2003-09); a value that indicates the activity was "out of universe" for the "who" question (-1) is filled in these situations.

A simplified example appears below. In the first activity (TUACTIVITY_N = 1), no "who" code information was collected because of the associated activity code. Only one person was with the respondent during the second activity, so there is one line for TUACTIVITY_N = 2. Three people were with the respondent during the third activity, so there are three lines for TUACTIVITY_N = 3. Two of those (TUWHO_CODE = 20 and 22) are members of the respondent's household and can be linked to the Roster file using TUCASEID and TULINENO. The third (TUWHO_CODE = 51) is not a member of the respondent's household and thus does not have a positive value for TULINENO.

The actual ATUS Who file contains more variables for each line as well as many additional lines than the example below.

TUCASEID	TUACTIVITY_N	TUWHO_CODE	TULINENO
20160101020210	1	-1	-1
20160101020210	2	22	3
20160101020210	3	20	2
20160101020210	3	22	3
20160101020210	3	51	-1

5. 2011-16 ATUS Eldercare Roster File (introduced in 2011)

The ATUS Eldercare Roster file contains information about people for whom the respondent provided care. If the respondent indicated that she had provided eldercare more than once, during the past 3 to 4 months, additional information about each eldercare recipient is collected. (The time frame varied slightly by respondent because the question asked about care provided between the 1st of a reference month and the interview day.) There is one record for each recipient, up to a maximum of 5 records for each respondent. Information about the relationship of the recipient to the respondent, the age of the recipient, and the duration that care had been provided appear on the file.

A simplified example of the ATUS Eldercare Roster file appears below. The TUCASEID identifies each respondent providing eldercare, and the TULINENO identifies recipients in the household. A value of -1 for TULINENO indicates that the eldercare recipient does not live in the household. In the example below, TUCASEID 20160101020210 provided care to two persons not living in the household, TUCASEID 20160101020211 provided care to one person, who does live in the household, and TUCASEID 20160101020215 and TUCASEID 20160101020218 each provided care to one person. The actual ATUS Eldercare Roster file contains more variables and many additional lines.

TUCASEID	TULINENO	TEELWHO	TEAGE_EC	TEELDUR
20160101020210	-1	33	76	4
20160101020210	-1	34	80	4
20160101020211	2	20	72	4
20160101020215	-1	46	88	3
20160101020218	-1	55	65	2

6. 2003-16 ATUS Activity Summary File

The ATUS Activity Summary file contains information about the total number of minutes each respondent spent doing each activity. The file also includes selected variables from the ATUS Respondent, ATUS Roster, and ATUS-CPS files. The Activity Summary file contains variables not described in this data dictionary. Variables beginning with a lower-case "t" correspond to specific activity codes; definitions for each activity code can be found in the 2003-16 Activity Lexicon www.bls.gov/tus/lexiconnoex0316.pdf).

There is one record for each ATUS respondent.

A simplified example of the ATUS Activity Summary file appears below. The variable TUCASEID is the unique identifier for each respondent and the variable TEAGE, which also appears on the ATUS Roster file, shows each respondent's age. The variable t010101 contains the total number of minutes each respondent spent doing activity 010101, "sleeping"; the variable t010102 contains the total number of minutes each respondent spent doing activity 010102, "sleeplessness."

The ATUS Activity Summary file contains more variables describing each activity as well as many more lines than the example below.

TUCASEID	TEAGE	t010101	t010102
20160101020210	26	480	0
20160101020211	53	430	30
20160101020212	76	457	0
20160101020213	16	600	0

Valid Values

Each variable has a number of valid values or a range of valid values. For example, the variable TESEX has two valid values: 1 for male and 2 for female. The variable TEAGE, on the other hand, has a range of valid values – any entry between 0 and 85 (except 81 through 84) is considered valid. Individual valid values or a range of valid values are listed under each variable in the data dictionary. A few variables have so many valid values that they are not included in the data dictionary; instead, they are provided in an appendix or a separate document. (References to these are included as a "Note" under the relevant variables in the data dictionary.) One example of such a variable is TEIO1ICD, which identifies the industry code of the respondent's main job.

Many ATUS variables have the following possible valid values:

Value	Description
-1	Blank
-2	Don't know
-3	Refused

Because so many variables have these possible values, they are not shown as valid entries for each variable.

TUCASEID, the primary identification number for ATUS, does not have either a list of valid values or a range of valid values.

ATUS Naming Conventions and Definitions

ATUS variables are named according to specified rules. Variables with a first character of "T" (for time use) were collected or created through the ATUS interview. Variables with any other first character (most often "P", "G", or "H") were collected or created through the final CPS interview (conducted two to five months prior to the ATUS interview). All of the variables on the ATUS interview data files described in this dictionary begin with "T."

The second and third characters of the name identify the type of variable, and the remaining characters consist of a descriptive name. The rules regarding the first two or three characters are described in the table below (note that the variables on the Activity Summary file that start with a lowercase "t" do not follow these rules):

Abbreviation	Variable Type	Definition
U	Unedited Variable	An unedited variable generally is produced by the Computer Assisted Telephone Interview (CATI) instrument, either collected or assigned during the interview. There are a few unedited variables that are computed by the processing system, such as the ATUS final weight (TUFNWGTP).
E	Edited Variable	An edited variable is one that has gone through an editing process (a process checking for consistency). Values of edited variables are almost always equal to values of the corresponding unedited variables. Data differ when a value is allocated or imputed by the processing system based on allocation rules specified in CPS or ATUS processing. Allocations are typically performed when the unedited variable contains a value of blank, "don't know," or "refused." An edited version of a variable exists only if that variable goes through an editing process. If there are no edits for a variable, then only an unedited version of that variable exists.
R	Recode	A recode is a variable calculated by the processing system from a combination of other variables on the file. For example, TRMJOCC1 is the major occupation code for the respondent's main job; this is not a response to a question but rather a variable that summarizes (or "groups") the more finely detailed occupation variable TEIO1OCD. (Note that variables with second and third characters of "RT" are summary variables.)
RT	Summary Variable	These variables summarize the amount of time respondents spent with other people or did selected activities. For example, TRTALONE gives the total amount of nonwork-related time the respondent spent alone on the diary day. Variables that summarize the amount of time respondents spent with other people rely on "who" code information and therefore do not include activities for which no "who" code information was collected, such as sleeping.
Т	Topcode Flag	These variables indicate whether another variable has been topcoded, or given a maximum value. The three topcode variables on the ATUS interview data files all relate to earnings.

Using these rules, variables can be more readily understood based on their names. For example, the variable TEAGE can be broken down as follows:

- The first character "T" indicates that this variable was collected or created through the ATUS interviews
- The second character "E" indicates that this variable went through an editing process
- The final part of the variable name, "AGE," is descriptive

Some questions asked in the ATUS interview allow for more than one response. For such multiple entry questions, there is a separate variable for each possible response. Each variable has the same descriptive name but a different (sequential) number. For example, respondents can provide up to six answers to the question "You said you have been trying to find work – how did you go about looking?" The variable names are TULKDK1, TULKDK2, TULKDK3, etc.

Not all ATUS variables are on the files. When there is an edited variable, the corresponding unedited variable is usually omitted from the files. This is typically done to protect the confidentiality of ATUS respondents as required by law. If an unedited variable is included on the files, then an edited version does not exist and the unedited version cannot be used

to identify individual respondents. In addition, some variables available on the single- year data files are not available on the 2003-16 files as a way to keep file sizes manageable. These variables are listed in Appendices B, C, D, E and F.

Allocation Flags

The 2003-16 ATUS Interview files contain two allocation flags: TRHERNAL and TRWERNAL. These allocation flags were included because of the frequency with which earnings variables are allocated in the ATUS. All other allocation flags appear only on the single-year ATUS Interview files and <u>not</u> on the multi-year files. For more information on these allocation flags, please see the single-year Interview data dictionaries, available online at www.bls.gov/tus/dictionaries.htm.

Edited Universe

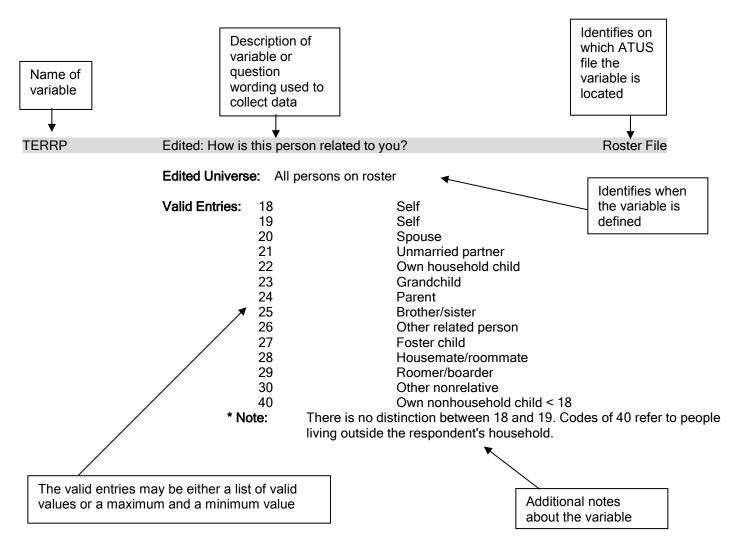
Edited variables and recodes are defined for certain universes, and these are listed in the data dictionary. For example, TEIO1OCD (occupation code) is only defined when the respondent is employed. Therefore, the universe for TEIO1OCD is TELFS = 1 or 2 (TELFS is the labor force status of the respondent, and values of 1 or 2 indicate that the respondent is employed).

Certain variables might initially appear to be the same because their descriptions are very similar. These variables are different in that they were asked of different groups of survey respondents. For example, the variables TEERNH1O and TEERNH2 both have the same question text of "Excluding overtime pay, tips, and commissions, what is your hourly rate of pay on your main job?" The difference in these two variables has to do with which respondents were asked each question. This can be determined by looking at the edited universes. TEERNH1O was asked of respondents with TEERNPER = 1, or those who said it was easiest to report their earnings hourly. TEERNH2, on the other hand, was asked of respondents with TEERNRT = 1, or those who said they were paid hourly but reported their earnings another way

Organization of the Data Dictionary

Variables are listed in the data dictionary in alphabetical order.

Below is a sample entry from the ATUS interview data dictionary:



Frequently Used Variables

The ATUS files have many variables and users may sometimes have difficulty determining which variables to use. A list of the most commonly used ATUS variables is available at www.bls.gov/tus/freqvariables.pdf.

Changes between years of ATUS data

Those using the multi-year files should be aware of changes to ATUS survey methods between years—such as new, discontinued, and changed variables—as well as differences in activity codes between years. For a list of these changes, see the document describing ATUS changes (www.bls.gov/tus/changes.pdf). Note that the multi-year files have their own Activity Coding Lexicon (www.bls.gov/tus/lexiconnoex0316.pdf) that differs somewhat from the single-year lexicons. The multi-year coding lexicon accounts for the differences in activity codes between years.

Combining multiple years of ATUS Data

The method used to generate statistical weights (the variable TUFINLWGT) on the ATUS files changed each year from 2003 to 2006. There were no changes to the method used to generate TUFINLWGT in 2007-2016. For ease of use, this multi-year data set provides statistical weights developed using the 2006 weighting method. The weighting variable has been named TUFNWGTP and it is available for all years. All other weighting variables (e.g. TU04FWGT and TU06FWGT) were removed from the multi-year files.

For more information about ATUS statistical weights, why researchers should use them, and details about how the ATUS weighting method changed, see the ATUS User's Guide (www.bls.gov/tus/atususersguide.pdf).

Name	Description			File		
TEABSRSN	Edited: what last week?	was the mair	n reason you were absent from your job	Respondent File		
	Edited Universe:	TELFS = 2	2			
	Valid Entries:	1	On layoff (temporary or indefinite)			
		2	Slack work/business conditions			
		3	Waiting for a new job to begin			
		4	Vacation/personal days			
		5	Own illness/injury/medical problems			
		6	Childcare problems			
		7	Other family/personal obligation			
		8	Maternity/paternity leave			
		9	Labor dispute			
		10	Weather affected job			
		11	School/training			
		12	12 Civic/military duty			
		13	Does not work in the business			
		14	Other			
Name	Description			File		
TEAGE	Edited: age			Roster File, Activity Summary File		
	Edited Universe:	All person	s on roster			
	Valid	0	Min Value			
	Entries:	85 For TUVE	Max Value AR <= 2004, TEAGE is topcoded to 80. All	those ago 80 and above have		
	*Note	TEAGE=8		those age of and above have		
			AR > = 2005, TEAGE is topcoded to 85. All age 85 or above have TEAGE = 85.	those age 80 through 84 have TEAGE =		
Name	Description			File		
TEAGE_EC	Edited: age of	f eldercare re	ecipient	EC Roster File		
	Edited Universe:	All elderca	re recipients			
	Valid Entries:	0 85	Min Value Max Value			
	*Note	the age or month for TEAGE_E	Questions about eldercare were introduced in January 2011. For household members, the age on the diary day; for nonhousehold members it's the person's age on the first comonth for the month corresponding to 3 months before the interview. TEAGE_EC is topcoded to 85. All those age 80 through 84 have TEAGE_EC = 80. The 85 or above have TEAGE_EC = 85. TXAGE_EC indicates topcoding.			

Name	Description			File
TEELDUR	Edited: how lor	ng have you pro	vided care to [NAME]?	EC Roster File
	Edited Universe:	All eldercare re	cipients	
	Valid Entries:	1	0 to 5 months	
		2	6 to 11 months	
		3	1 year	
		4	More than a year	
	*Note		ut eldercare were introduced in January lected from the TUELWHO question.	2011. The name is filled with the

Edited: who described who desc	All eldercar 20 21 22 23 24	re recipients Spouse Unmarried partner Own household child Grandchild		
Universe: Valid	20 21 22 23	Spouse Unmarried partner Own household child		
	21 22 23	Unmarried partner Own household child		
	22 23	Own household child		
	23			
		Grandchild		
	24			
		Parent		
	25	Brother/sister		
	26	Other related person		
	27	Foster child		
	28	Housemate/roommate		
	29	Roomer/boarder		
	30	Other nonrelative		
	33	Mother		
	34	Father		
	35	Spouse		
	36	Partner		
	37	Brother		
	38	Sister		
	39	Mother-in-law		
	40	Father-in-law		
	41	Aunt		
	42	Uncle		
	43	Friend		
	44	Neighbor		
	46	Grandparent (see note)		
	47	Grandmother/Great-grandmother (see note)		
	48	Grandfather/Great-grandfather (see note)		
	49	Other related person (see note)		
	55	Other (see note)		
	56	Other non-relative (see note)		
*Note Questions about eldercare were introduced in 2011. All codes of 30 or less refer to peopliving inside of the respondent's household. Beginning in January 2013, values 47, 48, 49, and 56 were added; values 46				
;	*Note	42 43 44 46 47 48 49 55 56 Vuestions living inside		

Name	Description			File
TEELYRS	Edited: how m	any years have y	you provided care (to this person)?	EC Roster File
	Edited Universe:	TEELDUR=4		
	Valid Entries:	1	Min Value Max Value	
	*Note	Questions abo	ut eldercare were introduced in January	2011.
Name	Description			File
TEERN	Edited: total w	eekly overtime e	earnings (2 implied decimals)	Respondent File
	Edited Universe:	TEERNUOT = 1	I and TEERNPER = 1	
	Valid Entries:	0 288461	Min Value Max Value	
Name	Description			File
TEERNH10			r, tips, and commissions, what is your n job? (2 implied decimals)	Respondent File
	Edited Universe:	TEERNPER = 1		
	Valid Entries:	0 9999	Min Value Max Value	
Name	Description			File
TEERNH2			t, tips, and commissions, what is your n job? (2 implied decimals)	Respondent File
	Edited Universe:	TEERNRT = 1		
	Valid Entries:	0 9999	Min Value Max Value	
Name	Description			File
TEERNHRO	Edited: how m	any hours do yo	u usually work per week at this rate?	Respondent File
	Edited Universe:	TEERNH10 >=	0	
	Valid Entries:	1	Min Value Max Value	
Name	Description			File
TEERNHRY	Edited: hourly	non-hourly statu	ıs	Respondent File
	Edited Universe:	TELFS = 1 or 2	and TEIO1COW = 1 - 5	
	Valid Entries:	1	Paid hourly	
		2	Not paid hourly	

Name	Description			File
TEERNPER		nings before t	what is the easiest way for you to report axes or other deductions: hourly, weekly, y?	Respondent File
	Edited Universe:	TELFS = 1		
	Valid Entries:	1	Hourly	
		2	Weekly	
		3	Bi-weekly	
		4	Twice monthly	
		5	Monthly	
		6	Annually	
		7	Other	
Name	Description			File
TEERNRT			ld me it is easier to report your earnings at an hourly rate on this job?	Respondent File
	Edited Universe:	TEERNPER	= 2 - 7	
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TEERNUOT	Edited: do you your main job		ive overtime pay, tips, or commissions at	Respondent File
	Edited Universe:	TELFS = 1	or 2 and TEIO1COW = 1 - 5	
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TEERNWKP	Edited: how n	nany weeks a	year do you get paid?	Respondent File
	Edited Universe:	TEERNPER	= 6	
	Valid Entries:	1 52	Min Value Max Value	
Name	Description			File
TEHRFTPT	Edited: do you usually work more than 35 hours per week at your job(s)/family business?			Respondent File
	Edited Universe:	TEHRUSL1	= -4 or TEHRUSL2 = -4	
	Valid Entries:	1	Yes	
		2	No	
		3	Hours vary	

Name	Description		File	
TEHRUSL1	Edited: how majob?	any hours per v	veek do you usually work at your main	Respondent File
	Edited Universe:	TELFS = 1 or 1	2	
	Valid Entries:	0 99	Min Value Max Value	
	*Note	-4 (Hours vary) is also valid for TEHRUSL1	
Name	Description			File
TEHRUSL2	Edited: how majob(s)?	any hours per v	veek do you usually work at your other	Respondent File
	Edited Universe:	TELFS = 1 or 3	2 and TEMJOT = 1	
	Valid Entries:	0 99	Min Value Max Value	
	*Note	-4 (Hours vary) is also valid for TEHRUSL2	
Name	Description			File
TEHRUSLT	Edited: total ho TEHRUSL2)	ours usually wor	ked per week (sum of TEHRUSL1 and	Respondent File, Activity Summary File
	Edited Universe:	TELFS = 1 or 3	2	
	Valid Entries:	0 999	Min Value Max Value	
	*Note	-4 (Hours vary) is also valid for TEHRUSLT	
Name	Description			File
TEIO1COW	Edited: individu	ual class of worl	ker code (main job)	Respondent File
	Edited Universe:	TELFS = 1 or 3	2	
	Valid Entries:	1	Government, federal	
		2	Government, state	
		3	Government, local	
		4	Private, for profit	
		5	Private, nonprofit	
		6	Self-employed, incorporated	
		7	Self-employed, unincorporated	
		8	Without pay	

Name	Description			File			
TEIO1ICD	Edited: indust	ry code (main jol	0)	Respondent File			
	Edited Universe:	TELFS = 1 or 2	2				
	Valid Entries:	0 9999	Min Value Max Value				
	*Note	Industry Classisystem. Refer to Apper	Beginning in January 2010, ATUS industry data were classified using the 2007 Census Industry Classification system. This system replaced the 2002 Census Industry Classification system. Refer to Appendix A for a list of industry codes using the 2002 and 2007 Census Industry Classification systems.				
Name	Description			File			
TEIO10CD	Edited: occupa	ation code (main	job)	Respondent File			
	Edited Universe:	TELFS = 1 or 2					
	Valid Entries:	0 9999	Min Value Max Value				
	*Note	Census Occup Classification s previous years	ata were classified using the 2010 in replaced the 2002 Census Occupation 2010 are not strictly comparable to				
Name	Description			File			
TELAYAVL	Edited: could had been reca		ed to work in the last seven days if you	Respondent File			
	Edited Universe:	TELFS = 3					
	Valid Entries:	1	Yes				
		2	No				
Name	Description			File			
TELAYLK	Edited: even though you expect to be called back to work, have you been looking for work during the last four weeks?			Respondent File			
	Edited Universe:	TELAYAVL = 1	or 2				
	Valid Entries:	1	Yes				
		2	No				

Name	Description			File	
TELFS	Edited: labor	force status		Respondent File, Activity Summary File	
	Edited Universe:	All respond	ents		
	Valid Entries:	1	Employed - at work		
		2	Employed - absent		
		3	Unemployed - on layoff		
		4	Unemployed - looking		
		5	Not in labor force		
Name	Description			File	
TELKAVL	Edited: could had been offer		rted a job in the last seven days if one	Respondent File	
	Edited Universe:	TELKM1 =	1 - 13		
	Valid Entries:	1	Yes		
		2	No		
Name	Description			File	
TELKM1	Edited: what are all of the things you have done to find work during the last 4 weeks? (first method)			Respondent File	
	Edited Universe:	TELFS = 4			
	Valid Entries:	1	Contacted employer directly/interview		
		2	Contacted public employment agency		
		3	Contacted private employment agency	/	
		4	Contacted friends or relatives		
		5	Contacted school/university employments	ent center	
		6	Sent out resumes/filled out applications		
		7	Checked union/professional registers		
		8	Placed or answered ads		
		9	Other active		
		10	Looked at ads		
		11	Attended job training programs/course	es	
		12	Nothing		
		13	Other passive		
	*Note		research job search methods, users must c TULKDK1 - TULKDK6, and TULKPS1 - TUL		

Name	Description			File	
TEMJOT	Edited: in the last seven days did you have more than one job?			Respondent File, Activity Summary File	
	Edited Universe:	TELFS = 1	or 2		
	Valid Entries:	1	Yes		
		2	No		
Name	Description			File	
TERET1	Edited: do yo	u currently wa	ant a job, either full or part time?	Respondent File	
	Edited Universe:	TELFS = 5 50	and (TURETOT = 1 or TUFABS = 3 or TU	JFWK = 3 or TULAY = 3) and TEAGE >=	
	Valid Entries:	1	Yes or maybe/it depends		
		2	No		
		3	Has a job		
Name	Description			File	
TERRP	Edited: how i	s this person i	related to you?	Roster File	
	Edited Universe:	All persons	on roster		
	Valid Entries:	18	Self		
		19	Self		
		20	Spouse		
		21	Unmarried partner		
		22	Own household child		
		23	Grandchild		
		24	Parent		
		25	Brother/sister		
		26	Other relative		
		27	Foster child		
		28	Housemate/roommate		
		29	Roomer/boarder		
		30	Other nonrelative		
		40	Own nonhousehold child < 18		
	*Note	There is no respondent	distinction between 18 and 19. Codes of t's household.	f 40 refer to people living outside the	
Name	Description			File	
TESCHENR	Edited: are ye	ou enrolled in	high school, college, or university?	Respondent File, Activity Summary File	
	Edited Universe:	Responden	ts aged 15 to 49		
	Valid Entries:	1	Yes		
		2	No		

Name	Description			File
TESCHFT	Edited: are you	enrolled as a fu	II-time or part-time student?	Respondent File
	Edited Universe:	TESCHENR = 1		
	Valid Entries:	1	Full time	
		2	Part time	
Name	Description			File
TESCHLVL	Edited: would t	hat be high scho	ool, college, or university?	Respondent File, Activity Summary File
	Edited Universe:	TESCHENR = 1		
	Valid Entries:	1	High school	
		2	College or university	
Name	Description			File
TESEX	Edited: sex			Roster File, Activity Summary File
	Edited Universe:	All persons on r	roster	
	Valid Entries:	1	Male	
		2	Female	
Name	Description			File
TESPEMPNOT	Edited: employ	ment status of s	pouse or unmarried partner	Respondent File, Activity Summary File
	Edited Universe:	TRSPPRES = 1	or 2	
	Valid Entries:	1	Employed	
		2	Not employed	
Name	Description			File
TESPUHRS	Edited: usual h	ours of work per	week of spouse or unmarried partner	Respondent File
	Edited Universe:	TESPEMPNOT =	= 1	
	Valid Entries:	0 99	Min Value Max Value	
	*Note	-4 (Hours vary)	is also valid for TESPUHRS	

Name	Description		File
TEWHERE	Edited: where	e were you d	during the activity? Activity File
	Edited Universe:	All activiti	es (except those noted below)
	Valid Entries:	1	Respondent's home or yard
		2	Respondent's workplace
		3	Someone else's home
		4	Restaurant or bar
		5	Place of worship
		6	Grocery store
		7	Other store/mall
		8	School
		9	Outdoors away from home
		10	Library
		11	Other place
		12	Car, truck, or motorcycle (driver)
		13	Car, truck, or motorcycle (passenger)
		14	Walking
		15	Bus
		16	Subway/train
		17	Bicycle
		18	Boat/ferry
		19	Taxi/limousine service
		20	Airplane
		21	Other mode of transportation
		30	Bank
		31	Gym/health club
		32	Post Office
		89	Unspecified place
		99	Unspecified mode of transportation
			30, 31 and 32 for TEWHERE were introduced in October 2004 ATUS. Therefore, ONTH < 10 AND TUYEAR = 2004) these values will not appear.
			RE is not collected for activities with activity codes of 0101xx, 0102xx, 0104xx, or 500106.

Name	Description			File	
TR_03CC57	Was a househo		-household child < 13 in your care	Activity File	
	Edited Universe:	All activities			
	Valid Entries:	1	At least one child < 13 was in response	ondent's care during activity	
	*Note		es of TR_03CC57. It was replaced by the	refore, for [TUYEAR > 2003], there will be the component variables TUCC5,	
Name	Description			File	
TRCHILDNUM	Number of hou	isehold childrei	n < 18	Respondent File, Activity Summary File	
	Edited Universe:	All responden	nts		
	Valid Entries:	0 30	Min Value Max Value		
Name	Description			File	
TRCODEP	Pooled six-digi	t activity code		Activity File	
	Edited Universe:				
	*Note	See the 2003	3-12 Activity Coding Lexicon for activity	definitions	
Name	Description			File	
TRDPFTPT	Full time or pa	rt time employ	ment status of respondent	Respondent File, Activity Summary File	
	Edited Universe:	TELFS = 1 or	2		
	Valid Entries:	1	Full time		
		2	Part time		
Name	Description			File	
TRDTIND1	Detailed indust	ry recode (mai	in job)	Respondent File	
	Edited Universe:	TELFS = 1 or	2		
	Valid	1	Min Value		
	Entries:	51	Max Value		
	*Note		January 2010, ATUS industry data wer sification system. This system replaced	re classified using the 2007 Census d the 2002 Census Industry Classification	
		Refer to Appendix A for a list of industry codes using the 2002 and 2007 Census I Classification systems.			

Name	Description			File	
TRDTOCC1	Detailed occu	pation reco	de (main job)	Respondent File	
	Edited Universe:	TELFS =	1 or 2		
	Valid Entries:	1	Management occupations		
		2	Business and financial operatio	ns occupations	
		3	Computer and mathematical sc	ience occupations	
		4	Architecture and engineering of	ccupations	
		5	Life, physical, and social science occupations		
		6	Community and social service occupations		
		7	Legal occupations		
		8	Education, training, and library	occupations	
		9	Arts, design, entertainment, sp	orts, and media occupations	
		10	Healthcare practitioner and tec	hnical occupations	
		11	Healthcare support occupations		
		12	Protective service occupations		
		13	Food preparation and serving related occupations		
		14	Building and grounds cleaning and maintenance occupations		
		15	Personal care and service occupations		
		16	Sales and related occupations		
		17	Office and administrative support occupations		
		18	Farming, fishing, and forestry of	occupations	
		19	Construction and extraction occ	cupations	
		20	Installation, maintenance, and	repair occupations	
		21	Production occupations		
		22	Transportation and material mo	oving occupations	
	*Note	Beginning with the January 2011 ATUS, occupation data were classified using the Census Occupation Classification system. This system replaced the 2002 Census Classification system. Occupation data collected after 2010 are not strictly comparevious years.			
			Appendix A for a list of occupation cod on Classification systems.	es using the 2002 and 2010 Census	
Name	Description			File	
TRELHH	Eldercare rec	ipient is a ho	busehold member	EC Roster File	
	Edited Universe:	All Elderc	are recipients		
	Valid Entries:	0	Recipient is not a household member		
		1	Recipient is a household member		
	*Note	Question	Questions about eldercare were introduced in January 2011.		

Name	Description			File
TREMODR	Eating and He	alth Module respo	Respondent File	
	Edited Universe:	All respondents		
	Valid Entries:	0	Did not respond to Eating and Health N	Module
		1	Responded to Eating and Health Modu	le
	*Note	The Eating and Health Module interview was conducted for TUYEAR = 2006, 2007, 2014, 2015, and 2016. For these years all respondents were selected to be interview Eating and Health Module. Values of 0 indicate that the individual did not complete and Health Module interview.		
Name	Description			File
TRERNHLY	Hourly earning	gs at main job (2	implied decimals)	Respondent File
	Edited Universe:	TEERNHRY = 1		
	Valid Entries:	0 9999	Min Value Max Value	
	*Note	This is the most-frequently used hourly earnings variable in ATUS and is only defined for employed persons who say they work hourly and are not self-employed or without pay. allocation flag for this variable is TRHERNAL. Subject to topcoding based on the entry in TEERNHRO such that TEERNHRO x TRERNHLY <= 2884.61; topcoding is indicated in TTHR.		
Name	Description			File
TRERNUPD	Earnings upda	te flag		Respondent File
	Edited Universe:	TELFS = 1 or 2	and TEIO1COW = 1 - 5	
	Valid Entries:	0	Earnings carried forward from final CPS	S interview
		1	Earnings updated in ATUS	
Name	Description			File
TRERNWA	Weekly earnin	gs at main job (2	implied decimals)	Respondent File, Activity Summary File
	Edited Universe:	TELFS = 1 or 2	and TEIO1COW = 1 - 5	
	Valid Entries:	0 288461	Min Value Max Value	
	*Note	persons who ar TRWERNAL. S	t-frequently used earnings variable in Are not self-employed or without pay. The ubject to topcoding (the maximum valualicated in TTOT, TTWK, and TTHR.	allocation flag for this variable is
Name	Description			File
TRHERNAL	TRERNHLY: al	location flag		Respondent File
	Edited Universe:	TEERNHRY = 1		
	Valid Entries:	0	TRERNHLY does not contain allocated	information
		1	TRERNHLY contains allocated informat	ion

Name	Description			File
TRHHCHILD	Presence of ho	usehold children	< 18	Respondent File
	Edited Universe:	All respondents		
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TRHOLIDAY	Flag to indicate	e if diary day was	s a holiday	Respondent File, Activity Summary File
	Edited Universe:	All respondents		
	Valid Entries:	0	Diary day was not a holiday	
		1	Diary day was a holiday	
	*Note	Christmas Day	July, Labor Day, Thanksgiving Day, and e holiday, data about that holiday were	

Name	Description			File	
TRIMIND1	Intermediate industry recode (main job)			Respondent File	
	Edited Universe:	TELFS = 1	l or 2		
	Valid Entries:	1	Agriculture, forestry, fishing, and	d hunting	
		2	Mining		
		3	Construction		
		4	Manufacturing - durable goods		
		5	Manufacturing - non-durable god	ods	
		6	Wholesale trade		
		7	Retail trade		
		8	Transportation and warehousing		
		9	Utilities		
		10	Information		
		11	Finance and insurance		
		12	Real estate and rental and leasing		
		13	Professional and technical services		
		14	Management, administrative and waste management services		
		15	Educational services		
		16	Health care and social services		
		17	Arts, entertainment, and recreat	ion	
		18	Accommodation and food service	es	
		19	Private households		
		20	Other services, except private ho	ouseholds	
		21	Public administration		
Name	Description			File	
TRLVMODR	Leave module	e respondent		Respondent File	
	Edited Universe:	TEIO1CO\	N = 1 - 6		
	Valid Entries:	0	Respondent was eligible for the	Leave module, but did not complete it.	
		1	Respondent completed Leave mo	odule.	
	*Note The Leave Module was conducted in 2011. For TUYEAR=2011, wage and salary workers were selected to be interviewed for the Leave Module. For TUYEAR=2011, values of -1 indicate the respondent was not eligible for the module.				

Name	Description			File		
TRMJIND1	Major industr	ry recode (m	Respondent File			
	Edited Universe:	TELFS =	1 or 2			
	Valid Entries:	ting				
		2	Mining			
		3	Construction			
		4	Manufacturing			
		5	Wholesale and retail trade			
		6	Transportation and utilities			
		7	Information			
		8	Financial activities			
		9	Professional and business services			
		10	Educational and health services			
		11	Leisure and hospitality			
		12	Other services			
		13	Public administration			
Name	Description			File		
TRMJOCC1	Major occupation recode (main job)			Respondent File		
	Edited TELFS = 1 or 2 Universe:					
	Valid Entries:	1	Management, business, and financial occupations			
		2	Professional and related occupations			
		3	Service occupations			
		4	Sales and related occupations			
		5	Office and administrative support occ	upations		
		6	Farming, fishing, and forestry occupa	tions		
		7	Construction and extraction occupation	ons		
		8	Installation, maintenance, and repair	occupations		
		9	Production occupations			
		10	Transportation and material moving of	occupations		
	*Note Beginning with the January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation data collected after 2010 are not strictly comparable previous years.					

Name	Description			File
TRMJOCGR	Major occupat	ion category (ma	Respondent File	
	Edited Universe:	TELFS = 1 or 2	2	
	Valid Entries:	1	Management, professional, and related	doccupations
		2	Service occupations	
		3	Sales and office occupations	
		4	Farming, fishing, and forestry occupati	ons
		5	Construction and maintenance occupate	tions
		6	Production, transportation, and material	al moving occupations
	*Note	Census Occup	the January 2011 ATUS, occupation da ation Classification system. This system system. Occupation data collected after 2	replaced the 2002 Census Occupation
Name	Description			File
TRNHHCHILD	Presence of ov	vn non-househol	d child < 18	Respondent File
	Edited Universe:	All respondents	S	
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TRNUMHOU	Number of peo	ople living in resp	oondent's household	Respondent File
	Edited Universe:	All respondents		
	Valid Entries:	1 30	Min Value Max Value	
Name	Description			File
TROHHCHILD	Presence of ov	vn household chi	ldren < 18	Respondent File
	Edited Universe:	All respondents	5	
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TRSPFTPT	Full time or pa partner	rt time employm	Respondent File, Activity Summary File	
	Edited Universe:	TESPEMPNOT :	= 1	
	Valid Entries:	1	Full time	
		2	Part time	
		3	Hours vary	

Name	Description			File		
TRSPPRES	Presence of the household	ne respondent's	s spouse or unmarried partner in the	Respondent File, Activity Summary File		
	Edited Universe:	All responde	All respondents			
	Valid Entries:	1	Spouse present			
		2	Unmarried partner present			
		3	No spouse or unmarried partner pres	sent		
Name	Description			File		
TRTALONE	Total nonwork	c-related time r	respondent spent alone (in minutes)	Respondent File		
	Edited Universe:	All responde	nts			
	Valid Entries:	0 1440	Min Value Max Value			
	*Note		e is computed using TUWHO_CODE info which who information is not collected, s			
Name	Description			File		
TRTALONE_WK	Total work- ar minutes)	nd nonwork-rel	Respondent File			
	Edited Universe:	All responde	nts			
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	Starting in Ja (0501xx)	e is computed using TUWHO_CODE info s not collected, such as sleeping, are ex- anuary 2010, TUWHO_CODE informatio	cluded from the calculation n was collected for work activities		
		TRTALONE missing valu	_WK was introduced in 2010. Therefore, es.	cases with [TUYEAR < 2010] will have		
Name	Description			File		
TRTCC			y day providing secondary childcare for sehold children < 13 (in minutes)	Respondent File		
	Edited Universe:	All responde	nts			
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	TRTCC is th	e sum of all values of TRTCC_LN for ea	ch TUCASEID		

Name	Description			File		
TRTCC_LN			providing secondary child care for old children < 13 (in minutes)	Activity File		
	Edited Universe:	All activities for	respondents who have at least one hou	usehold or own nonhousehold child < 13		
	Valid Entries:	0 1440	Min Value Max Value			
	*Note		= 2004, TRTCC_LN is the maximum fo FRTNOHH_LN, and TRTONHH_LN.	r the activity of the following variables:		
			not calculated for activities when no hou or households that do not have at least	sehold child < 13 was awake. It is also one household or nonhousehold child <		
Name	Description			File		
TRTCCC		related time resp workers (in minu	pondent spent with customers, utes)	Respondent File		
	Edited Universe:	All respondents				
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	This variable is computed using TUWHO_CODE information; time spent working and all activities for which who information is not collected, such as sleeping, are omitted from the calculation. For cases with [TUYEAR > 2009], TUWHO_CODE = (59, 60, 61, or 62) is included in this calculation (others may be present) For cases with [TUYEAR < 2010], TUWHO_CODE = 55 is included in this calculation (others may be present)				
Name	Description			File		
TRTCCC_WK		d nonwork-relatents, and coworke	ed time respondent spent with ers (in minutes)	Respondent File		
	Edited Universe:	All respondents				
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	This variable is computed using TUWHO_CODE information; all activities for which who information is not collected are omitted from the calculation. TUWHO_CODE = (59, 60, 61, o 62) is included in this calculation (others may be present) Starting in January 2010, TUWHO_CODE information was collected for work activities (0501xx) TRTCCC_WK was introduced in 2010. Therefore, cases with [TUYEAR < 2010] will have missing values.				

Name	Description			File		
TRTCCTOT	Total time sper all children < 1	nt during diary d 3 (in minutes)	Respondent File			
	Edited Universe:	All respondents				
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	For TUYEAR > TUCASEID	= 2004, TRTCCTOT is the sum of all v	alues of TRTCCTOT_LN for each		
Name	Description			File		
TRTCCTOT_LN	Total time sper children < 13 (providing secondary childcare for all	Activity File		
	Edited Universe:	All activities				
	Valid Entries:	0 1440	Min Value Max Value			
	*Note					
Name	Description			File		
TRTCHILD		related time res children < 18 (ir	Respondent File			
	Edited Universe:	All respondents	All respondents			
	Valid Entries:	0 1440	Min Value Max Value			
	*Note		computed using TUWHO_CODE information is not collected, such			
Name	Description			File		
TRTCOC	Total time spent during diary day providing secondary childcare for nonown, nonhousehold children < 13 (in minutes)			Respondent File		
	Edited Universe:	All respondents	S			
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	TRTCOC is the	e sum of all TRTCOC_LN for each TUC	ASEID.		
Name	Description			File		
TRTCOC_LN		9	providing secondary child care for n <13 (in minutes)	Activity File		
	Edited Universe:	All activities				
	Valid Entries:	0 1440	Min Value Max Value			
	*Note		s calculated using TUCC8. It does not in 03, 0401, 0402, 0403 or activities with 1			

Name	Description			File				
TRTEC	Total time spe	ent providing e	eldercare (in minutes)	Respondent File				
	Edited Universe:	TUECYTD=	1					
	Valid Entries:	0 1440	Min Value Max Value					
	*Note	TRTEC is the 01xxxx or 0	TRTEC is the sum of all values of TRTEC_LN. Excludes time spent in activities with cod 01xxxx or 0805xx. Questions about eldercare and TRTEC were introduced in January 2011. Therefore, ca with [TUYEAR < 2011] will have missing values.					
Name	Description			File				
TRTEC_LN	Time (in minu	ites) spent pro	oviding eldercare by activity	Activity File				
	Edited Universe:	TUEC24 = 1	1 or 96					
	Valid Entries:	0 1440	Min Value Max Value					
	*Note	Questions a	me spent in activities with codes = 01xxxx about eldercare and TRTEC_LN were intro [TUYEAR < 2011] will have missing value	oduced in January 2011. Therefore,				
Name	Description			File				
TRTFAMILY	Total nonwork (in minutes)	k-related time	Respondent File					
	Edited Universe:	All responde	All respondents					
	Valid Entries:	0 1440	Min Value Max Value					
	*Note		This variable is computed using TUWHO_CODE information; time spent working and all activities for which who information is not collected, such as sleeping, are omitted from the calculation					
Name	Description			File				
TRTFRIEND	Total nonwork minutes)	k-related time	respondent spent with friends (in	Respondent File				
	Edited Universe:	All responde	ents					
	Valid Entries:	0 1440	Min Value Max Value					
	*Note		e is computed using TUWHO_CODE infor which who information is not collected, s					
Name	Description			File				
TRTHH		ent during diar ildren < 13 (in	ry day providing secondary childcare for minutes)	Respondent File				
	Edited Universe:	All responde	ents					
	Valid Entries:	0 1440	Min Value Max Value					
	*Note	TRTHH is the	he sum of all values of TRTHH_LN for each	ch TUCASEID.				

Name	Description			File		
TRTHH_LN		nt during activity dren < 13 (in mi	Activity File			
	Edited Universe:	All activities for	old child < 13			
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	TRTHH_LN is TRTNOHH_LN	the maximum for the activity of the follo	wing variables: TRTOHH_LN and		
Name	Description			File		
TRTHHFAMILY	Total nonwork- members (in m		pondent spent with household family	Respondent File		
	Edited Universe:	All respondents	5			
	Valid Entries:	0 1440	Min Value Max Value			
	*Note		s computed using TUWHO_CODE information is not collected, su			
Name	Description			File		
TRTIER1P	Pooled lexicon	tier 1: 1st and 2	Activity File			
	Edited Universe:					
	Valid Entries:	01 50	Min Value Max Value			
	*Note	Valid activity codes are listed in the 2003-12 Coding Lexicon. TRCODEP provides the full digit activity code for each activity occurring on the Activity file.				
Name	Description			File		
TRTIER2P	Pooled lexicon	tiers 1 and 2: 1s	st four digits of 6-digit activity code	Activity File		
	Edited Universe:					
	*Note		odes are listed in the 2003-12 Coding Lode for each activity occurring on the Act	exicon. TRCODEP provides the full six- tivity file.		
Name	Description			File		
TRTNOCHILD	Total nonwork- < 18 (in minute	related time res	Respondent File			
	Edited Universe:	All respondents	S			
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	This variable is computed using TUWHO_CODE information; time spent working and all activities for which who information is not collected, such as sleeping, are omitted from the calculation				

Name	Description			File		
		nt during diary da nold children < 1	Respondent File			
	Edited Universe:	All respondents				
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	TRTNOHH is th	ne sum of all values of TRTNOHH_LN fo	or each TUCASEID.		
Name	Description			File		
		it during activity nold children < 1	providing secondary childcare for 3 (in minutes)	Activity File		
	Edited Universe:	All activities for	respondents with at least one nonown	household child < 13		
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	TRTNOHH_LN is calculated using TUCC5B. It does not include activities where TRTIER2 0101, 0301, 0302, 0303, and where TRCODEP= 180381. It does not include any activity opart of any activity in which no household child was awake (determined by TUCC2 and TUCC4).				
Name	Description			File		
		it during diary da 13 (in minutes)	Respondent File			
	Edited Universe:	All respondents				
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	TRTO is the su	m of all values of TRTO_LN for each TU	JCASEID.		
Name	Description			File		
	Total time spent during activity providing secondary childcare for own children < 13 (in minutes)			Activity File		
	Edited Universe:	All activities for	respondents with at least one own child	d < 13		
	Valid Entries:	0 1440	Min Value Max Value			
	*Note	TRTO_LN is the TRTONHH_LN	e maximum for the activity of the followi	ng variables: TRTOHH_LN and		
Name	Description			File		
	Total time spent during diary day providing secondary childcare for own household children < 13 (in minutes)			Respondent File		
			n minutes)			
	own household Edited	children < 13 (i	n minutes)			

Name	Description			File
TRTOHH_LN		nt during activity children < 13 (i	providing secondary childcare for n minutes)	Activity File
	Edited Universe:	All activities for	respondents with at least one own hour	sehold child < 13
	Valid Entries:	0 1440	Min Value Max Value	
	*Note	0301, 0302, 03	s calculated using TUCC5. It does not in 03, or with TRCODEP=180381. It does no household child was awake (determ	not include any activity or part of any
Name	Description			File
TRTOHHCHILD	Total nonwork- children < 18 (pondent spent with own household	Respondent File
	Edited Universe:	All respondents		
	Valid Entries:	0 1440	Min Value Max Value	
	*Note		computed using TUWHO_CODE inform ich who information is not collected, suc	
Name	Description			File
TRTONHH		nt during diary da nold children < 1	ay providing secondary childcare for 3 (in minutes)	Respondent File
	Edited Universe:	All respondents		
	Valid Entries:	0 1440	Min Value Max Value	
	*Note	TRTONHH is th	ne sum of all values of TRTONHH_LN fo	or each TUCASEID.
Name	Description			File
TRTONHH_LN	own nonhousel	nt during activity nold children < 1	providing secondary childcare for 3 (in minutes)	Activity File
	Edited Universe:	All activities for	respondents with at least one own non-	household child < 13
	Valid Entries:	0 1440	Min Value Max Value	
	*Note		is calculated using TUCC7. It does not 02, 0303, 0401, 0402, 0403, and activition	
Name	Description			File
TRTONHHCHILD	Total nonwork-related time respondent spent with own nonhousehold children < 18 (in minutes)			Respondent File
	Edited Universe:	All respondents		
	Valid	0	Min Value	
	Entries:	1440	Max Value	ation, time operational in a section
	*Note		computed using TUWHO_CODE inform ich who information is not collected, suc	

Name	Description			File			
TRTSPONLY	Total nonwork minutes)	-related time re	spondent spent with spouse only (in	Respondent File			
	Edited Universe:	All respondent	is .				
	Valid Entries:	0 1440	Min Value Max Value				
	*Note		s computed using TUWHO_CODE inforr hich who information is not collected, su				
Name	Description			File			
TRTSPOUSE		-related time rent) (in minutes)	spondent spent with spouse (others	Respondent File			
	Edited Universe:	All respondent	TS .				
	Valid Entries:	0 1440	Min Value Max Value				
	*Note		s computed using TUWHO_CODE information is not collected, su				
Name	Description			File			
TRTUNMPART		-related time re e present) (in m	spondent spent with unmarried partner inutes)	Respondent File			
	Edited Universe:	All respondents					
	Valid Entries:	0 1440	Min Value Max Value				
	*Note	This variable is computed using TUWHO_CODE information; time spent working and all activities for which who information is not collected, such as sleeping, are omitted from the calculation					
Name	Description			File			
TRWBELIG	Flag identifying	g activities eligib	ole for the Well-being Module	Activity File			
	Edited Universe:	All activities					
	Valid Entries:	0	Activity not eligible for selection in the Well-being Module				
		1	Activity eligible for selection in the We	II-being Module			
	*Note	The Well-being Module was conducted in 2010, 2012, and 2013. For TUYEAR = 2010, 2012, or 2013, all ATUS respondents were selected to be interviewed for the Well-being Module. Activities with codes of 0101xx, 0102xx, 0104xx, 500105, or 500106 or with durations less than 5 minutes are not eligible					

Name	Description					File
TRWBMODR	Well-being M	odule respond	dent			Respondent File
	Edited Universe:	All respond	dents			
	Valid Entries:	0	Did no	t respond to Well-being	Module	
		1	Respoi	nded to the Well-being N	Module	
	*Note			e was conducted in 2010 selected to be interviewe		nd 2013. All individuals on the Well-being Module.
Name	Description					File
TRWERNAL	TRERNWA: a	llocation flag				Respondent File
	Edited Universe:	TELFS = 1	or 2 and TE	IO1COW = 1 - 5		
	Valid Entries:	0	TRERN	IWA does not contain all	located ir	nformation
		1	TRERN	IWA contains allocated in	nformatio	on
Name	Description					File
TRWHONA		Who information not asked for activity			Who File	
	Edited Universe:	All activitie	es			
	Valid Entries:	0	TUWH	O_CODE asked		
		1	TUWH	O_CODE not asked		
Name	Description					File
TRYHHCHILD	Age of young	jest household	d child < 18			Respondent File, Activity Summary File
	Edited Universe:	TRHHCHIL	D = 1			
	Valid Entries:	0 17	Min Va Max Va			
Name	Description					File
TTHR	Hourly pay to	opcode flag				Respondent File
	Edited Universe:					
	Valid Entries:	0	Not to	pcoded		
		1	Торсо			
	*Note	Indicates to	opcoding of	hourly pay in earnings v	ariables	
Name	Description					File
TTOT		ount topcode	flag			Respondent File
	Edited Universe:					
	Valid Entries:	0	Not to	pcoded		
		1	Торсо	ded		
	*Note	Indicates to	opcoding of	overtime pay in earnings	s variable	es

Name	Description			File
TTWK	Weekly earning	gs topcode flag		Respondent File
	Edited Universe:			
	Valid Entries:	0	Not topcoded	
		1	Topcoded	
	*Note	Indicates topco	ding of weekly pay in earnings variables	3
Name	Description			File
TUABSOT	In the last seve	en days, did you	have a job either full or part time?	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
Name	Description			File
TUACTDUR	Duration of act a.m.)	ivity in minutes	(last activity not truncated at 4:00	Activity File
	Edited Universe:			
	Valid Entries:	1 9999	Min Value Max Value	
Name	Description			File
TUACTDUR24		ivity in minutes	(last activity truncated at 4:00 a.m.)	Activity File
	Edited Universe:			
	Valid Entries:	1 1440	Min Value Max Value	
Name	Description			File
TUACTIVITY_N	Activity line nu	mber		Activity File, Who File, EH Activity File
	Edited Universe:			
	Valid Entries:	1 91	Min Value Max Value	
Name	Description			File
TUBUS	-	the household	own a business or a farm?	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	

Name	Description			File
TUBUS1	In the last seve business or farm		do any unpaid work in the family	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TUBUS2OT	Do you receive	payments or pro	ofits from the business?	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TUBUSL1		arm or business	owner (first owner)	Respondent File
	Edited Universe:			
	Valid Entries:	0 30	Min Value Max Value	
Name	Description			File
TUBUSL2	TULINENO of fa	arm or business	owner (second owner)	Respondent File
	Edited Universe:			
	Valid Entries:	0 30	Min Value Max Value	
Name	Description			File
TUBUSL3	TULINENO of fa	arm or business	owner (third owner)	Respondent File
	Edited Universe:			
	Valid Entries:	0 30	Min Value Max Value	
Name	Description	30	iviax value	File
TUBUSL4	TULINENO of farm or business owner (fourth owner)			Respondent File
	Edited Universe:		ermen (round)	noopondon no
	Valid Entries:	0 30	Min Value Max Value	
Name	Description			File
TUCASEID	ATUS Case ID	(14-digit identifie	er)	All Files
	Edited Universe:			

Name	Description			File
TUCC2	Time first hou	usehold child <	13 woke up	Respondent File
	Edited Universe:			
	Valid Entries:	00:00:00 24:00:00	Min Value Max Value	
Name	Description			File
TUCC4		sehold child <	13 went to bed	Respondent File
	Edited Universe:			
	Valid Entries:	00:00:00 24:00:00	Min Value Max Value	
Name	Description			File
TUCC5	Was at least of during this ac		n household children < 13 in your care	Activity File
	Edited Universe:			
	Valid Entries:	0	No	
		1	Yes	
		97	No additional activities involved childen	care
Name	Description			File
TUCC5B	Was at least of care during the		n-own household children < 13 in your	Activity File
	Edited Universe:			
	Valid Entries:	0	No	
		1	Yes	
		97	No additional activities involved childe	care
Name	Description			File
TUCC7	Was at least of care during the		n non-household children < 13 in your	Activity File
	Edited Universe:			
	Valid Entries:	0	No	
		1	Yes	
		97	No additional activities involved childen	care

Name	Description			File
TUCC8		usehold or own non-household children < 13, was -12 in your care during this activity?		Activity File
	Edited Universe:			
	Valid Entries:	0	No	
		1	Yes	
		97	No additional activities involved child	care
Name	Description			File
TUCC9	Are the non-ov related to you?		nold children you cared for in TUCC8	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
		3	Some are, some are not	
Name	Description			File
TUCUMDUR	Cumulative duration of activity lengths in minutes; last activity not truncated at 4:00am or 1440 minutes (cumulative total of TUACTDUR for each TUCASEID)			Activity File
	Edited Universe:		•	
	Valid Entries:	1 9999	Min Value Max Value	
Name	Description			File
TUCUMDUR24		00am or 1440	y lengths in minutes; last activity minutes (cumulative total of SEID)	Activity File
	Edited Universe:			
	Valid Entries:	1 1440	Min Value Max Value	
Name	Description			File
TUDIARYDATE	Date of diary d interviewed)	ay (date about	which the respondent was	Respondent File
	Edited Universe:			
	Valid Entries:	20030101 20161230	Min Value Max Value	
	*Note	TUDIARYDA	TE is in YYYYMMDD format	

Name	Description			File
TUDIARYDAY		ek of diary day (as interviewed)	Respondent File, Activity Summary File	
	Edited Universe:			
	Valid Entries:	1	Sunday	
		2	Monday	
		3	Tuesday	
		4	Wednesday	
		5	Thursday	
		6	Friday	
		7	Saturday	
Name	Description			File
TUDIS	to have a disa		e in this household you were reported disability prevent you from doing any onths?	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
		3	Did not have a disability last time	
Name	Description			File
TUDIS1	Does your disa		u from accepting any kind of work	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TUDIS2		disability that p the next six mo	revents you from accepting any kind nths?	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	

Name	Description	Description			File
TUDURSTOP	Method for re	eporting activi	ty duration		Activity File
	Edited Universe:				
	Valid Entries:	1	Activity duration	was entered	
		2	Activity stop time	was entered	
	*Note Starting in 2012, this variable was added to the public use data files. Cases with [TU' 2012] will have missing values for TUDURSTOP. In 2014, TUDURSTOP was not included on the activity file. Cases with [TUYEAR=20 have missing values.				
Name	Description		3		File
TUEC24	At which time assistance ye		which activities did you p	provide that care or	Activity File
	Edited Universe:				
	Valid Entries:	1	Activity identified	as eldercare	
		96	All day		
		97	No more activities	S	
	*Note	Questions about eldercare were introduced in Janua < 2011] will have missing values for TUEC24			2011. Therefore, cases with [TUYEAR
Name	Description				File
TUECLNO	Line number	of eldercare r	ecipient		EC Roster File
	Edited Universe:				
	Valid Entries:	2 35	Min Value Max Value		
	*Note		is a household member = new line numbers (la		NENO; if not a household member,
Name	Description				File
TUECYTD	Did you provi	ide any eldero	are or assistance yeste	rday?	Respondent File
	Edited Universe:				
	Valid Entries:	1	Yes		
		2	No		
	*Note		about eldercare were in the large state in the large missing values for the large state in the large state i		2011. Therefore, cases with [TUYEAR

Name	Description			File	
TUELDER	your paid job, s	since the first of istance for an ac	ce or help you provided as part of [REF_MONTH], have you provided dult who needed help because of a	Respondent File	
	Edited Universe:				
	Valid Entries:	1	Yes		
		2	No		
	*Note	place on March	month is 3 months prior to the interview. 15, the reference month would be Decout at eldercare were introduced in January we missing values for TUELDER.	ember.	
Name	Description	< 2011] Will Hav	re missing values for TOLLDEIX.	File	
TUELFREQ	· ·	you provide this	care?	Respondent File	
	Edited Universe:				
	Valid Entries:	1	Daily		
		2	Several times a week		
		3	About once a week		
		4	Several times a month		
		5	Once a month		
		6	One time		
		7	Other		
	*Note		ut eldercare were introduced in January ve missing values for TUELFREQ	2011. Therefore, cases with [TUYEAR	
Name	Description			File	
TUELNUM	Since the first of provided this ca		, how many people have you	Respondent File	
	Edited Universe:				
	Valid	0	Min Value		
	Entries:	5	Max Value	For example, if the interview took place	
	*Note	The reference month is 3 months prior to the interview. For example, if the interview took place March 15, the reference month is December. TUELNUM is topcoded at 5 recipients. Questions about eldercare were introduced in January 2011. Therefore, cases with [TUYEAR < 2011] will have missing values for TUELNUM.			

Name	Description			File
TUFNWGTP	ATUS final weigh	ght		Respondent File, Activity Summary File
	Edited Universe:			
	Valid Entries:	0 999999999999 9999	Min Value Max Value	
	*Note		es the 2006 weighting methodology and the ATUS User's Guide.	is comparable for all years. For more
Name	Description			File
TUFWK	In the last seven days did you do any work for pay or profit?			Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
Name	Description			File
TUIO1MFG		s or organization e, or something	mainly manufacturing, retail trade, else? (main job)	Respondent File
	Edited Universe:			
	Valid Entries:	1	Manufacturing	
		2	Retail trade	
		3	Wholesale trade	
		4	Something else	
	*Note	was updated in For TUYEAR >		ondents whose industry information was
			information was not updated in the ATL	S values of PUIO1MFG for respondents JS interview.
Name	Description			File
TUIODP1		nployer's name).	e in this household, you were reported Do you still work for (employer's	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	

Name	Description		File	
TUIODP2		activities and duinterview)? (mai	uties of your job changed since in job)	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TUIODP3	Last time we spoke to someone in this household, you were reported as (occupation) and your usual duties were (activities). Is this an accurate description of your current job? (main job)			Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TULAY	During the last seven days were you on layoff from your job?			Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
Name	Description			File
TULAY6M	Have you been within the next		ation that you will be recalled to work	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TULAYAVR	Why could you	not have started	d a job in the last week?	Respondent File
	Edited Universe:			
	Valid Entries:	1	Own temporary illness	
		2	Going to school	
		3	Other	

Name	Description			File
TULAYDT	Has your emplo	oyer given you a	date to return to work? (to layoff	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
Name	Description			File
TULINENO	ATUS person li	ne number		ATUS-CPS File, Respondent File, Roster File, Who File, EC Roster File
	Edited Universe:			
	Valid Entries:	1 30	Min Value Max Value	
	*Note	The person sel	ected to be interviewed for ATUS is alw	ays TULINENO = 1
Name	Description			File
TULK	Have you been weeks?	doing anything	to find work during the last four	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
Name	Description			File
TULKAVR	Why could you	not have started	d a job last week?	Respondent File
	Edited Universe:			
	Valid Entries:	1	Waiting for new job to begin	
		2	Own temporary illness	
		3	Going to school	
		4	Other	

Name	Description			File			
TULKDK1	You said you h looking? (first		rying to find work. How did you go about	Respondent File			
	Edited Universe:						
	Valid Entries:	1	Contacted employer directly/interview				
		2	Contacted public employment agency				
		3	Contacted private employment agency				
		4	Contacted friends or relatives				
		5	Contacted school/university employme	ent center			
		6	Sent out resumes/filled out application	ns			
		7	Checked union/professional registers				
		8	Placed or answered ads				
		9	Other active				
		10	Looked at ads				
		11	Attended job training programs/courses				
		12	Nothing				
		13	Other passive				
	*Note		o research job search methods, users must c TULKDK1 - TULKDK4, and TULKPS1 - TUL				
Name	Description			File			
TULKDK2	TULKDK1 text: (second method)			Respondent File			
	Edited Universe:						
	Valid Entries:	1	Contacted employer directly/interview				
		2	Contacted public employment agency				
		3	Contacted private employment agency	1			
		4	Contacted friends or relatives				
		5	Contacted school/university employment	ent center			
		6	Sent out resumes/filled out application	ns			
		7	Checked union/professional registers				
		8	Placed or answered ads				
		9	Other active				
		10	Looked at ads				
		11	Attended job training programs/course	es			
		13	Other passive				
		97	No additional job search activities				
	*Note		o research job search methods, users must c TULKDK1 - TULKDK4, and TULKPS1 - TUL				

Name	Description			File	
TULKDK3	TULKDK1 text:	(third method)		Respondent File	
	Edited Universe:				
	Valid Entries:	1 97	Min Value Max Value		
	*Note	See valid value	s for TULKDK2		
Name	Description			File	
TULKDK4	TULKDK1 text:	(fourth method)		Respondent File	
	Edited Universe:				
	Valid Entries:	1 97	Min Value Max Value		
	*Note	See valid value	s for TULKDK2		
Name	Description			File	
TULKM2	What are all of 4 weeks? (seco		the things you have done to find work during the last Respondent File nd method)		
	Edited Universe:				
	Valid Entries:	1	Contacted employer directly/interview		
		2	Contacted public employment agency		
		3	Contacted private employment agency		
		4	Contacted friends or relatives		
		5	Contacted school/university employment center		
		6	Sent out resumes/filled out applications	S	
		7	Checked union/professional registers		
		8	Placed or answered ads		
		9	Other active		
		10	Looked at ads		
		11	Attended job training programs/course	S	
		13	Other passive		
		97	No additional job search activities		
	*Note		arch job search methods, users must co KDK1 - TULKDK4, and TULKPS1 - TULI		
Name	Description			File	
TULKM3	TULKM2 text: (third method)		Respondent File	
	Edited Universe:				
	Valid Entries:	1 97	Min Value Max Value		
	*Note	See valid value	s for TULKM2		

Name	Description			File	
TULKM4	TULKM2 text:	(fourth metho	d)	Respondent File	
	Edited Universe:				
	Valid Entries:	1 97	Min Value Max Value		
	*Note	See valid va	lues for TULKM2		
Name	Description			File	
TULKM5	TULKM2 text:	(fifth method)		Respondent File	
	Edited Universe:				
	Valid Entries:	1 97	Min Value Max Value		
	*Note	See valid va	lues for TULKM2		
Name	Description			File	
TULKM6	TULKM2 text:	(sixth method		Respondent File	
	Edited Universe:				
	Valid Entries:	1 97	Min Value Max Value		
	*Note	See valid va	lues for TULKM2		
Name	Description File				
TULKPS1	Can you tell m method)	ne more about	what you did to search for work? (first	Respondent File	
	Edited Universe:				
	Valid Entries:	1	Contacted employer directly/interview		
		2	Contacted public employment agency		
		3	Contacted private employment agency		
		4	Contacted friends or relatives		
		5	Contacted school/university employme	ent center	
		6	Sent out resumes/filled out application	S	
		7	Checked union/professional registers		
		8	Placed or answered ads		
		9	Other active		
		10	Looked at ads		
		11	Attended job training programs/course	25	
		12	Nothing		
		13	Other passive		
		97	No more job search activities		
	*Note		esearch job search methods, users must c JLKDK1 - TULKDK4, and TULKPS1 - TUL		

Name	Description			File		
TULKPS2	TULKPS1 text	: (second me	Respondent File			
	Edited Universe:					
	Valid Entries:	1				
		2	Contacted public employment agency			
		3	Contacted private employment agency			
		4	Contacted friends or relatives			
		5	Contacted school/university employme	ent center		
		6	Sent out resumes/filled out application	S		
		7	Checked union/professional registers			
		8	Placed or answered ads			
		9	Other active			
		10	Looked at ads			
		11	Attended job training programs/course	es		
		13	Other passive No additional job search activities			
		97				
	*Note	ombine all fields TELKM1, TULKM2 - KPS4.				
Name	Description			File		
TULKPS3	TULKPS1 text: (third method)			Respondent File		
	Edited Universe:					
	Valid Entries:	1 97	Min Value Max Value			
	*Note	e See valid values for TULKPS2				
Name	Description			File		
TULKPS4	TULKPS1 text	: (fourth met	hod)	Respondent File		
	Edited Universe:					
	Valid Entries:	1 97	Min Value Max Value			
	*Note	See valid	values for TULKPS2			
Name	Description			File		
TUMONTH	Month of diarginterviewed)	y day (month	n of day about which ATUS respondent was	Respondent File		
	Edited Universe:					
	Valid Entries:	1 12	Min Value Max Value			

Name	Description			File
TURETOT		we spoke to some retired. Are you	eone in this household you were still retired?	Respondent File
Edited Universe:				
	Valid Entries:	1	Yes	
		2	No	
		3	Was not retired last time	
Name	Description			File
TUSPABS	In the last sev job either full		r spouse or unmarried partner have a	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
	3 Retired			
		4	Disabled	
		5	Unable to work	
Name	Description			File
TUSPUSFT	Does your spouse or unmarried partner usually work 35 h more per week?		I partner usually work 35 hours or	Respondent File
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
		3	Hours vary	
		4	No longer has a job	
Name	Description			File
TUSPWK	In the last seven days, did your spouse or unmarried partner do any work for pay or profit?		Respondent File	
	Edited Universe:			
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	

Name	Description		File	
TUSTARTTIM	Activity start tir	ne		Activity File
	Edited Universe:			
	Valid Entries:	00:00:00 24:00:00	Min Value Max Value	
Name	Description			File
TUSTOPTIME	Activity stop tin	ne		Activity File
	Edited Universe:			
	Valid Entries:	00:00:00 24:00:00	Min Value Max Value	

Name	Description			File
TUWHO_CODE	Who was in the	room with you	/ Who accompanied you?	Who File
	Edited Universe:			
	Valid Entries:	18	Alone	
		19	Alone	
		20	Spouse	
		21	Unmarried partner	
		22	Own household child	
		23	Grandchild	
		24	Parent	
		25	Brother/sister	
		26	Other related person	
		27	Foster child	
		28	Housemate/roommate	
		29	Roomer/boarder	
		30	Other nonrelative	
		40	Own nonhousehold child < 18	
		51	Parents (not living in household)	
		52	Other nonhousehold family members -	< 18
		53	Other nonhousehold family members 1	18 and older (including parents-in-law)
		54	Friends	
		55	Co-workers/colleagues/clients	
		56	Neighbors/acquaintances	
		57	Other nonhousehold children < 18	
		58	Other nonhousehold adults 18 and old	er
		59	Boss or manager	
		60	People whom I supervise	
		61	Co-workers	
		62	Customers	
	*Note	no distinction be respondent's he Beginning in Jacases with [TUV Values of 59, 66 ATUS. Therefore	etween 18 and 19. All codes of 40 or grousehold. nuary 2010, information was collected for the code of the code o	value 55 was dropped in January 2010 lues 59, 60, 61, and 62 will not appear.

Name	Description			File
TUYEAR	Year of diary day (year of day about which respondent was interviewed)			Respondent File, Activity Summary File
	Edited Universe:			
	Valid Entries:	2003 2016	Min Value Max Value	

APPENDIX A

ATUS industry codes use the U.S. Census Bureau's Industry Classification System, which is based on the North American Industry Classification System. Beginning with the 2014 ATUS, industry data were classified using the 2012 Census Industry Classification System. This system replaced the 2007 Census Industry Classification System. The 2007 Census Industry Classification System was incorporated beginning in the 2010 ATUS; it replaced the 2002 Census Industry Classification System, which was used by ATUS from 2003 until the 2007 classification scheme was implemented. There were only minor differences between the 2002, 2007, and 2012 Census Industry Classification Systems. For more information, please see www.bls.gov/cps/cpsoccind.htm.

Detailed Industry Code using the 2002 Census Industry Classification system (TRDTIND1)

TRDTIND1	Description	TEIO1ICD
1	Agriculture	0170-0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190-0280
3	Mining	0370-0490
4	Construction	770
5	Nonmetallic mineral product manufacturing	2470-2590
6	Primary metals and fabricated metal products	2670-2990
7	Machinery manufacturing	3070-3290
8	Computer and electronic product manufacturing	3360-3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570-3690
11	Wood product manufacturing	3770-3870
12	Furniture and fixtures manufacturing	3890
13	Miscellaneous and not specified manufacturing	3960-3990
14	Food manufacturing	1070-1290
15	Beverage and tobacco product manufacturing	1370, 1390
16	Textile, apparel, and leather manufacturing	1470-1790
17	Paper manufacturing and printing	1870-1990
18	Petroleum and coal products manufacturing	2070, 2090
19	Chemical manufacturing	2170-2290
20	Plastics and rubber products manufacturing	2370-2390
21	Wholesale trade	4070-4590
22	Retail trade	4670-5790
23	Transportation and warehousing	6070-6390
24	Utilities	0570-0690
25	Publishing industries (except internet)	6470-6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6675
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6692, 6695
31	Other information services	6770, 6780
32	Finance	6870-6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080-7190

36	Professional, scientific, and technical services	7270-7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580-7780
39	Waste management and remediation services	7790
40	Educational services	7860-7890
41	Hospitals	8190
42	Health care services, except hospitals	7970-8180, 8270, 8290
43	Social assistance	8370-8470
44	Arts, entertainment, and recreation	8560-8590
45	Traveler accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770-8890
48	Personal and laundry services	8970-9090
49	Membership associations and organizations	9160-9190
50	Private households	9290
51	Public administration	9370-9590

ATUS industry codes use the U.S. Census Bureau's Industry Classification System, which is based on the North American Industry Classification System. Beginning with the 2014 ATUS, industry data were classified using the 2012 Census Industry Classification System. This system replaced the 2007 Census Industry Classification System. The 2007 Census Industry Classification System was incorporated beginning in the 2010 ATUS; it replaced the 2002 Census Industry Classification System, which was used by ATUS from 2003 until the 2007 classification scheme was implemented. There were only minor differences between the 2002, 2007, and 2012 Census Industry Classification Systems. For more information, please see www.bls.gov/cps/cpsoccind.htm.

Detailed Industry Code using the 2007 Census Industry Classification System (TRDTIND1)

TRDTIND1	Description	TEIO1ICD
1	Agriculture	0170-0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190-0280
3	Mining	0370-0490
4	Construction	770
5	Nonmetallic mineral product manufacturing	2470-2590
6	Primary metals and fabricated metal products	2670-2990
7	Machinery manufacturing	3070-3290
8	Computer and electronic product manufacturing	3360-3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570-3690
11	Wood product manufacturing	3770-3870
12	Furniture and fixtures manufacturing	3890
13	Miscellaneous and not specified manufacturing	3960-3990
14	Food manufacturing	1070-1290
15	Beverage and tobacco product manufacturing	1370, 1390
16	Textile, apparel, and leather manufacturing	1470-1790
17	Paper manufacturing and printing	1870-1990
18	Petroleum and coal products manufacturing	2070, 2090
19	Chemical manufacturing	2170-2290
20	Plastics and rubber products manufacturing	2370-2390
21	Wholesale trade	4070-4590
22	Retail trade	4670-5790
23	Transportation and warehousing	6070-6390
24	Utilities	0570-0690
25	Publishing industries (except internet)	6470-6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6672
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6695
31	Other information services	6770, 6780
32	Finance	6870-6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080-7190
36	Professional, scientific, and technical services	7270-7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580-7780

39	Waste management and remediation services	7790
40	Educational services	7860-7890
41	Hospitals	8190
42	Health care services, except hospitals	7970-8180, 8270, 8290
43	Social assistance	8370-8470
44	Arts, entertainment, and recreation	8560-8590
45	Traveler accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770-8890
48	Personal and laundry services	8970-9090
49	Membership associations and organizations	9160-9190
50	Private households	9290
51	Public administration	9370-9590

ATUS industry codes use the U.S. Census Bureau's Industry Classification System, which is based on the North American Industry Classification System. Beginning with the 2014 ATUS, industry data were classified using the 2012 Census Industry Classification System. This system replaced the 2007 Census Industry Classification System. The 2007 Census Industry Classification System was incorporated beginning in the 2010 ATUS; it replaced the 2002 Census Industry Classification System, which was used by ATUS from 2003 until the 2007 classification scheme was implemented. There were only minor differences between the 2002, 2007, and 2012 Census Industry Classification Systems. For more information, please see www.bls.gov/cps/cpsoccind.htm.

Detailed Industry Code using the 2012 Census Industry Classification System (TRDTIND1)

TRDTIND1	Description	TEIO1ICD
1	Agriculture	0170-0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190-0280
3	Mining	0370-0490
4	Construction	770
5	Nonmetallic mineral product manufacturing	2470-2590
6	Primary metals and fabricated metal products	2670-2990
7	Machinery manufacturing	3070-3290
8	Computer and electronic product manufacturing	3365-3390
9	Electrical equipment, appliance manufacturing	3470, 3490
10	Transportation equipment manufacturing	3570-3690
11	Wood products	3770-3875
12	Furniture and fixtures manufacturing	3895
13	Miscellaneous and not specified manufacturing	3960-3990
14	Food manufacturing	1070-1290
15	Beverage and tobacco products	1370, 1390
16	Textile, apparel, and leather manufacturing	1470-1790
17	Paper and printing	1870-1990
18	Petroleum and coal products	2070, 2090
19	Chemical manufacturing	2170-2290
20	Plastics and rubber products	2370-2390
21	Wholesale trade	4070-4590
22	Retail trade	4670-5790
23	Transportation and warehousing	6070-6390
24	Utilities	0570-0690
25	Publishing industries (except internet)	6470-6490
26	Motion picture and sound recording industries	6570, 6590
27	Broadcasting (except internet)	6670
28	Internet publishing and broadcasting	6672
29	Telecommunications	6680, 6690
30	Internet service providers and data processing services	6695
31	Other information services	6770, 6780
32	Finance	6870-6970
33	Insurance	6990
34	Real estate	7070
35	Rental and leasing services	7080-7190
36	Professional and technical services	7270-7490
37	Management of companies and enterprises	7570
38	Administrative and support services	7580-7780

39	Waste management and remediation services	7790
40	Educational services	7860-7890
41	Hospitals	8190
42	Health care services, except hospitals	7970-8180, 8270, 8290
43	Social assistance	8370-8470
44	Arts, entertainment, and recreation	8560-8590
45	Accommodation	8660, 8670
46	Food services and drinking places	8680, 8690
47	Repair and maintenance	8770-8890
48	Personal and laundry services	8970-9090
49	Membership associations and organizations	9160-9190
50	Private households	9290
51	Public administration	9370-9590

Beginning in the January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system, which was used in the 2002-10 ATUS. On the 2003-16 ATUS file, cases with [TUYEAR > 2010] will have occupation data generated using the 2010 Census Occupation Classification system. Cases on the 2003-16 ATUS file with [TUYEAR ≤ 2010] will have occupation data generated using the 2002 Census Occupation Classification system. The 2011 occupation data are not strictly comparable to previous years. For more information, please see www.bls.gov/cps/cpsoccind.htm.

Detailed Occupation Codes using the 2002 Census Occupation Classification system (PRDTOCC1 and PRDTOCC2)

Detailed Occupation Code	Description	Census Occupation Code (PEIO1OCD and PEIO2OCD)
1	Management Occupations	0010–0430
2	Business and financial operations occupations	0500–0950
3	Computer and mathematical science occupations	1000–1240
4	Architecture and engineering occupations	1300–1560
5	Life, Physical, and social science occupations	1600–1960
6	Community and social service occupations	2000–2060
7	Legal occupations	2100–2150
8	Education, training, and library occupations	2200–2550
9	Arts, design, entertainment, sports, and media occupations	2600–2960
10	Healthcare practitioner and technical occupations	3000–3540
11	Healthcare support occupations	3600–3650
12	Protective service occupations	3700–3950
13	Food preparation and serving related occupations	4000–4160
14	Building and grounds cleaning and maintenance occupations	4200–4250
15	Personal care and service occupations	4300–4650
16	Sales and related occupations	4700–4960
17	Office and administrative support occupations	5000–5930
18	Farming, fishing, and forestry occupations	6000–6130
19	Construction and extraction occupations	6200–6940
20	Installation, maintenance, and repair occupations	7000–7620
21	Production occupations	7700–8960
22	Transportation and material moving occupations	9000–9750

Beginning in the January 2011 ATUS, occupation data were classified using the 2010 Census Occupation Classification system. This system replaced the 2002 Census Occupation Classification system, which was used in the 2002-10 CPS. On the 2003-16 ATUS file, cases with [TUYEAR > 2010] will have occupation data generated using the 2010 Census Occupation Classification system. Cases on the 2003-16 ATUS file with [TUYEAR ≤ 2010] will have occupation data generated using the 2002 Census Occupation Classification system. The 2011 occupation data are not strictly comparable to previous years. For more information, please see www.bls.gov/cps/cpsoccind.htm.

Detailed Occupation Codes using the 2010 Census Occupation Classification system (TRDTOCC1)

Detailed Occupation Code	Description	Census Occupation Code (TEIO1OCD)
1	Management Occupations	0010–0430
2	Business and financial operations occupations	0500-0950
3	Computer and mathematical science occupations	1000–1240
4	Architecture and engineering occupations	1300–1560
5	Life, Physical, and social science occupations	1600–1965
6	Community and social service occupations	2000–2060
7	Legal occupations	2100–2160
8	Education, training, and library occupations	2200–2550
9	Arts, design, entertainment, sports, and media occupations	2600–2960
10	Healthcare practitioner and technical occupations	3000–3540
11	Healthcare support occupations	3600–3655
12	Protective service occupations	3700–3955
13	Food preparation and serving related occupations	4000–4160
14	Building and grounds cleaning and maintenance occupations	4200–4250
15	Personal care and service occupations	4300–4650
16	Sales and related occupations	4700–4965
17	Office and administrative support occupations	5000–5940
18	Farming, fishing, and forestry occupations	6000–6130
19	Construction and extraction occupations	6200–6940
20	Installation, maintenance, and repair occupations	7000–7630
21	Production occupations	7700–8965
22	Transportation and material moving occupations	9000–9750

Industry Codes (TEIO1ICD)

2002 Census Industry Classification Codes available at www.bls.gov/tus/census02iocodes.pdf

2007 Census Industry Classification Codes available at www.bls.gov/tus/census07icodes.pdf

2012 Census Industry Classification Codes available at www.bls.gov/tus/census12icodes.pdf

Occupation Codes (TEIO10CD)

2002 Census Occupation Classification Codes available at www.bls.gov/tus/census02iocodes.pdf

2010 Census Occupation Classification Codes available at www.bls.gov/tus/census10ocodes.pdf

Appendix B:

Variables on the 2003-16 ATUS Interview files that do <u>not</u> appear on the single-year ATUS Interview files

The 2003-16 ATUS files include additional variables that are not found on the single-year ATUS files. Appendix B provides a list of variables appearing on the multi-year data files, and *not* on the single-year ATUS files. It also indicates on which multi-year file you can find these variables.

Table B
Variables appearing on the 2003-16 ATUS files, but <u>not</u> on single-year ATUS files

Variable		2003-16	2003-16	2003-16	2003-16 Respondent	2003-16 Who
name	Description of variable	Activity File	Activity Summary File	Roster File	File	File
		A	An "X" indicates the multi-yea	r file on which th	ne variable appears.	
TRCODEP	Multi-year six digit activity code	X				
	Pooled lexicon tiers 1 and 2: First four					
TRTIER2P	digits of multi-year six-digit activity code.	X				
	Pooled lexicon tier 1: First and second					
TRTIER1P	digits of multi-year six-digit activity code.	X				
TUFNWGT	ATUS weight corresponding to 2006					
Р	weighting method		X		X	

Appendix C:

Variables on the single-year ATUS Activity files that do not appear on the 2003-16 ATUS Activity file

The 2003-16 ATUS Activity file includes most, but not all, of the variables available on the single-year ATUS Activity data files. Appendix C provides a list of variables that appear on single-year Activity files, but do *not* appear on the 2003-16 ATUS Activity file. It also indicates where you can find variables not included on the 2003-16 ATUS Activity data file. For example, an "X" in the column titled "2003 ATUS Activity file" indicates that, while the variable does not appear on the 2003-16 ATUS Activity file, it does appear on the 2003 ATUS Activity file. For more information on the variables listed below, please see the single-year data dictionaries, available online at www.bls.gov/tus/dictionaries.htm.

Table C
Variables <u>not</u> appearing on the 2003-16 ATUS Activity file, but appearing on single-year ATUS Activity files

		•	2004 ATUS	2005 ATUS	2006 ATUS	
Variable	December of contable	2003 ATUS	Activity	Activity	Activity	2007 – 2016
name	Description of variable	Activity file	file	file	file	ATUS Activity files
		An "X" iı	ndicates the sin	ıgle-year Activi	ty file on which	the variable appears.
	Lexicon Tier 1: 1st and 2nd digits of					
TUTIER1CODE	6-digit activity code	Χ	X	Χ	X	X
	Lexicon Tier 2: 3rd and 4th digits of					
TUTIER2CODE	6-digit activity code	Χ	X	Χ	X	X
	Lexicon Tier 3: 5th and 6th digits of					
TUTIER3CODE	6-digit activity code	Χ	X	Χ	X	X
TXWHERE	TEWHERE: allocation flag	X	Х	Х	Х	Х
TRCODE	Six-digit activity code					Х
TRTIER2	First and second activity tiers					X

Appendix D:

Variables on the single-year ATUS Respondent files that do <u>not</u> appear on the 2003-16 ATUS Respondent File

The 2003-16 ATUS Respondent file includes most, but not all, of the variables available on the single-year ATUS Respondent data files. Appendix D provides a list of variables that appear on the single-year files, but *not* on the 2003-16 ATUS Respondent file. It also indicates where you can find variables not included on the 2003-16 ATUS Respondent data file. For example, an "X" in the column titled "2003 ATUS Respondent file" indicates that, while the variable does not appear on the 2003-16 ATUS Respondent file, it does appear on the 2003 ATUS Respondent file. For more information on the variables listed below, please see the single-year data dictionaries, available online at www.bls.gov/tus/dictionaries.htm.

Table D

Variables not appearing on the 2003-16 ATUS Respondent file, but appearing on single-year ATUS Respondent files

	variables <u>riot</u> appearing on t	116 2003-16 AT	os kesponden	t me, but appe	aring on single-	year ATUS Respondent files
Variable name	Description of variable	ATUS 2003 Respondent file	ATUS 2004 Respondent file	ATUS 2005 Respondent file	ATUS 2006 Respondent file	ATUS 2007-2016 Respondent files
		An "X" indicates	the single-year R	espondent file or	which the variable	e appears
TU04FWGT	ATUS final weight based on 2004 weighting method	Х				
TU06FWGT	ATUS final weight based on 2006 weighting method	Х	Х	Х		
TUBNCHWGT	ATUS benchmark weight	X				
TUCC5B_CK	Reason respondent did not report secondary childcare activities for nonown household children			X	X	×
TUCC5_CK	Reason respondent did not report secondary childcare activities for own household children			Х	Х	X
TUERN2	Weekly overtime earnings	Х	Х	Х	Х	Х
TUERNH1C	What is your hourly rate of pay on this job, excluding overtime pay, tips, or commissions?	x	X	x	X	X
TULKDK5	TULKDK1 text: (fifth method)	Х	Х	Х	Х	X

Table D
Variables <u>not</u> appearing on the 2003-16 ATUS Respondent file, but appearing on single-year ATUS Respondent files, cont

Variable name	Description of variable	ATUS 2003 Respondent file	ATUS 2004 Respondent file	ATUS 2005 Respondent file	ATUS 2006 Respondent file	ATUS 2007-2016 Respondent files
			An "X" indicates	the single-year R	espondent file on \	which the variable appears
TULKDK6	TULKDK1 text: (sixth method)	X	Х	Х	X	X
TULKPS5	TULKPS1 text: (fifth method)	Х	Х	Х	X	X
TULKPS6	TULKPS1 text: (sixth method)	Χ	X	Х	X	X
TXABSRSN	TEABSRSN: allocation flag	X	Х	Х	X	X
TXERN	TEERN: allocation flag	Х	Х	Х	X	X
TXERNH10	TEERNH1O: allocation flag	X	Х	Х	X	X
TXERNH2	TEERNH2: allocation flag	Χ	X	Х	X	X
TXERNHRO	TEERNHRO: allocation flag	X	X	X	X	X
TXERNHRY	TEERNHRY: allocation flag	X	Х	Х	X	X
TXERNPER	TEERNPER: allocation flag	X	Х	Х	X	X
TXERNRT	TEERNRT: allocation flag	X	Х	Х	X	X
TXERNUOT	TEERNUOT: allocation flag	Χ	Х	X	X	X
TXERNWKP	TEERNWKP: allocation flag	Χ	X	X	X	X
TXHRFTPT	TEHRFTPT: allocation flag	Χ	X	Х	X	X
TXHRUSL1	TEHRUSL1: allocation flag	Χ	X	X	X	X
TXHRUSL2	TEHRUSL2: allocation flag	Χ	Х	X	X	X
TXHRUSLT	TEHRUSLT: allocation flag	Χ	Х	X	X	X
TXIO1COW	TEIO1COW: allocation flag	Χ	Х	X	X	X
TXIO1ICD	TEIO1ICD: allocation flag	Χ	X	X	X	X
TXIO10CD	TEIO1OCD: allocation flag	Χ	X	X	X	X
TXLAYAVL	TELAYAVL: allocation flag	Χ	X	X	X	X
TXLAYLK	TELAYLK: allocation flag	X	X	X	X	X

Table D
Variables <u>not</u> appearing on the 2003-16 ATUS Respondent file, but appearing on single-year ATUS Respondent files, cont

Variable name	Description of variable	ATUS 2003 Respondent file	ATUS 2004 Respondent file	ATUS 2005 Respondent file	ATUS 2006 Respondent file	ATUS 2007-2016 Respondent files
			An "X" indicates t	he single-year Re	espondent file on v	which the variable appears.
TXLFS	TELFS: allocation flag	X	X	X	X	X
TXLKAVL	TELKAVL: allocation flag	X	Х	X	X	X
TXLKM1	TELKM1: allocation flag	Х	Х	Х	Х	X
TXMJOT	TEMJOT: allocation flag	Х	Х	Х	Х	X
TXRET1	TERET1: allocation flag	Х	Х	Х	Х	X
TXSCHENR	TESCHENR: allocation flag	Х	Х	Х	Х	X
TXSCHFT	TESCHFT: allocation flag	Х	Х	Х	Х	X
TXSCHLVL	TESCHLVL: allocation flag	Х	Х	Х	Х	X
TXSPEMPNOT	TESPEMPNOT: allocation flag	Х	Х	Х	Х	Х
TXSPUHRS	TESPUHRS: allocation flag	Х	Х	Х	Х	X
TXTCC	TRTCC_LN and TRTCC: allocation flag	Х	Х	Х	Х	X
тхтсстот	TRTCCTOT_LN and TRTCCTOT: allocation flag		X	X	X	X
TXTCOC	TRTCOC_LN and TRTCOC: allocation flag	Χ	X	X	X	X
TXTHH	TRTHH_LN and TRTHH: allocation flag		X	X	X	X
TXTNOHH	TRTNOHH_LN and TRTNOHH: allocation flag		X	Х	Х	X
ТХТО	TRTO_LN and TRTO: allocation flag		Х	X	Х	X
ТХТОНН	TRTOHH_LN and TRTOHH: allocation flag		X	X	Х	X
TXTONHH	TRTONHH_LN and TRTONHH: allocation flag		X	X	X	X

Appendix E:

Variables on the single-year ATUS Roster files that do not appear on the 2003-16 ATUS Roster File

The 2003-16 ATUS Roster file includes most, but not all, of the variables available on the single-year ATUS Roster data files. Appendix E provides a list of variables that appear on the single-year ATUS Roster files, but do *not* appear on the 2003-16 ATUS Roster file. It also indicates where you can find variables not included on the 2003-16 ATUS Roster data file. For example, an "X" in the column titled "2003 ATUS Roster file" indicates that, while the variable does *not* appear on the 2003-16 ATUS Roster file, it does appear on the 2003 ATUS Roster file. For more information on the variables listed below, please see the single-year data dictionaries, available online at www.bls.gov/tus/dictionaries.htm.

Table E
Variables <u>not</u> appearing on the 2003-16 ATUS Roster file, but appearing on single-year ATUS Roster files

Variable name	Description of variable	2003 ATUS Roster file	2004 ATUS Roster file	2005 ATUS Roster file	2006 ATUS Roster file	2007-2016 ATUS Roster files
		A	n "X" indicates the	single-year Roster	file on which the vari	able appears.
TURRP	Relationship to ATUS respondent	Х	X			
TXAGE	TEAGE: allocation flag	Х	X	Х	Х	Х
TXRRP	TERRP: allocation flag	X	X	Х	Х	Х
TXSEX	TESEX: allocation flag	Х	Х	Х	Х	Х

Appendix F:

Variables on the single-year ATUS Eldercare Roster files that do <u>not</u> appear on the 2011-16 ATUS Eldercare Roster File

The 2011-16 ATUS Eldercare Roster file includes most, but not all, of the variables available on the single-year ATUS Eldercare Roster data files. Because questions about eldercare were introduced in 2011, there are no single-year Eldercare Roster files from 2003-2010. Appendix F provides a list of variables that appear on the single-year ATUS Eldercare Roster files, but do *not* appear on the 2011-16 ATUS Eldercare Roster file. It also indicates where you can find variables not included on the 2011-16 ATUS Eldercare Roster data file. For example, an "X" in the column titled "2011 ATUS Eldercare Roster file" indicates that, while the variable does *not* appear on the 2011-16 ATUS Eldercare Roster file, it does appear on the 2011 ATUS Eldercare Roster file. For more information on the variables listed below, please see the single-year data dictionaries, available online at www.bls.gov/tus/dictionaries.htm.

Variable name	Description of variable	2011-2016 ATUS Eldercare Roster files
	An "X" indicates the single-year Ro	ster file on which the variable appears.
TXAGE_EC	TEAGE_EC: allocation flag	X
TXELDUR	TEELDUR: allocation flag	X
TXELWHO	TEELWHO: allocation flag	X
TXELYRS	TEELYRS: allocation flag	X