American Time Use Survey (ATUS) Data Dictionary:

2004 Interview Data

Variables collected in ATUS

January 2008

The American Time Use Survey (ATUS) is sponsored by the Bureau of Labor Statistics
and conducted by the U.S. Census Bureau.

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 four of the 2004 ATUS data files: the Respondent file, the Roster file, the Activity file, and the Who file. Variables that also appear on the Activity Summary file are identified. These files contain information gathered through the 2004 ATUS interviews.

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

Two additional data dictionaries describe other 2004 ATUS data files. One describes the 2004 ATUS-CPS file, which contains data from the Current Population Survey (CPS) files for those selected to be surveyed for ATUS and members of their households. (The information on the ATUS-CPS file was collected two to five months before the 2004 ATUS interview and in some cases was out of date at the time of the ATUS survey.) The other data dictionary describes the ATUS survey methodological data, made up of the Case History file and the Call History file. These additional data dictionaries are available on the ATUS website at www.bls.gov/tus/datafiles_2004.htm.

ATUS Interview Data Files

The following four data files include data available from the ATUS interviews.

1. 2004 ATUS Respondent File

   This file contains case-specific variables collected in ATUS in 2004 (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 weights.

   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 time spent alone (TRTALONE). The actual ATUS Respondent file contains many more variables as well as many more lines.

TUCASEID	TULINENO	TESCHENR	TELFS	TRTALONE
20040101020210	1	1	1	40
20040101020211	1	1	1	350
20040101020212	1	1	5	0
20040101020213	1	2	5	556
20040101020214	1	1	4	100

2. 2004 ATUS Roster File

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

   There is one record for each individual in the respondent's household (including the respondent's own non-household 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 20040101020210 has three persons residing

in the household, and TUCASEID 20040101020211 and TUCASEID 200401010120212 each have one person. The actual ATUS Roster file contains more variables and many additional lines.

TUCASEID	TULINENO	TERRP	TESEX	TEAGE
20040101020210	1	18	2	42
20040101020210	2	20	1	45
20040101020210	3	22	1	11
20040101020211	1	18	1	65
20040101020212	1	18	2	21

3. 2004 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 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.

TUCASEID	TUACTIVITY_N	TUSTARTTIM	TUSTOPTIME
20040101020210	1	04:00:00	07:00:00
20040101020210	2	07:00:00	07:30:00
20040101020210	3	07:30:00	14:00:00
20040101020210	4	14:00:00	21:00:00
20040101020210	5	21:00:00	04:00:00

4. 2004 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); 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 due to 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 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.

TUCASEID	TUACTIVITY_N	TUWHO_CODE	TULINENO
20040101020210	1	-1	-1
20040101020210	2	22	3
20040101020210	3	20	2
20040101020210	3	22	3
20040101020210	3	51	-1

Valid Values

Each variable has a number of valid values or a range of valid values. For example, TESEX has two valid values: 1 for male and 2 for female. TEAGE, on the other hand, has a range of valid values – any entry between 0 and 80 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 on 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 a variable like this 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

Since 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:

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, such as the ATUS final weight (TUFINLWGT).
E	Edited Variable	An edited variable is one that has gone through an editing process, or consistency checks. 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. The instrument enforces consistency between many variables. Industry and occupation edits are an exception, as the instrument cannot ensure consistency because numeric codes are not assigned until the case is sent to the National Processing Center (NPC). (This is also the standard CPS procedure.)
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 code 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 spend with other people or doing selected activities. For example, TRTALONE gives the total amount of 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.
X	Allocation Flag	Each edited variable has a corresponding allocation flag indicating the nature of the allocation. For example, if TUAGE is blank, TEAGE would be allocated, and this would be indicated by a TXAGE value of 41. See the section on allocation flags for the standard list of values.
XT	Summary Allocation Flag	Some summary variables have a corresponding XT variable, which is a 0-1 indicator of whether or not the summary variable contains allocated information. For example, a value of 1 in TXTCC indicates that TRTCC and TRTCC_LN contain allocated rather than calculated data.
T	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; it also means that there will be a corresponding allocation flag, TXAGE, to indicate the nature of the allocation
- 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, it generally means that an edited version does not exist and that the unedited version cannot be used to identify individual respondents.

Allocation Flags

For every edited variable (or all “E” variables), there is a corresponding allocation flag whose second character is "X." All remaining characters of the two variables’ names are the same. For example, TXSEX is the allocation flag for TESEX.

All allocation flags (except for variables with the second and third characters of “XT”) have the following list of possible values:

00 Value – no change
01 Blank – no change
02 Don’t know – no change
03 Refused – no change
10 Value to value
11 Blank to value
12 Don’t know to value
13 Refused to value
20 Value to longitudinal value
21 Blank to longitudinal value
22 Don’t know to longitudinal value
23 Refused to longitudinal value
30 Value to allocated longitudinal value (unused)
31 Blank to allocated longitudinal value (unused)
32 Don’t know to allocated longitudinal value (unused)
33 Refused to allocated longitudinal value (unused)
40 Value to allocated value
41 Blank to allocated value
42 Don’t know to allocated value
43 Refused to allocated value
50 Value to blank
52 Don’t know to blank
53 Refused to blank

Each digit of these valid values identifies how and why edited variables were allocated.

The first digit indicates how the allocation was made to the “E” (or edited) variable.

First Digit	
0 or Blank	No change between “U” variable and “E” variable
1	“E” variable changed to a value
2	“E” variable changed to a longitudinal value (the corresponding value from the CPS data)
3	“E” variable changed to an allocated longitudinal value (the corresponding allocated value from CPS data) - unused
4	“E” variable changed to allocated value
5	“E” variable changed to a blank

The second variable indicates why the “U” variable was allocated, whether the value was an unacceptable one, missing, don’t know, or refused.

Second Digit	
0	“U” variable was equal to some value
1	“U” variable was blank (or -1)
2	“U” variable was don’t know (or -2)
3	“U” variable was refused (or -3)

Only one of the "X" allocation flags has more values than those listed above: TXAGE. There are two additional values to indicate that TEAGE has been topcoded or given a maximum value. These values are listed in the data dictionary.

There are two other variables that indicate allocation and do not follow the "X" variable values. These variables all have values of either 0 or 1, with 1 indicating that another variable has been allocated. These variables include:

TRWERNAL	Indicates that TRERNWA (weekly earnings) contains allocated information. This variable will not indicate topcoding in TRERNWA; variables indicating topcoding are TTOT, TTWK, and TTHR.
TRHERNAL	Indicates that TRERNHLY (hourly earnings) contains allocated information. This variable will not indicate topcoding in TRERNHLY; variables indicating topcoding are TTOT, TTWK, and TTHR.

Additionally, the "XT" variables do not have the standard "X" variable values. Like the two variables indicated above, these variables all have values of either 0 or 1, with 1 indicating that another variable has been allocated.

Edited Universe

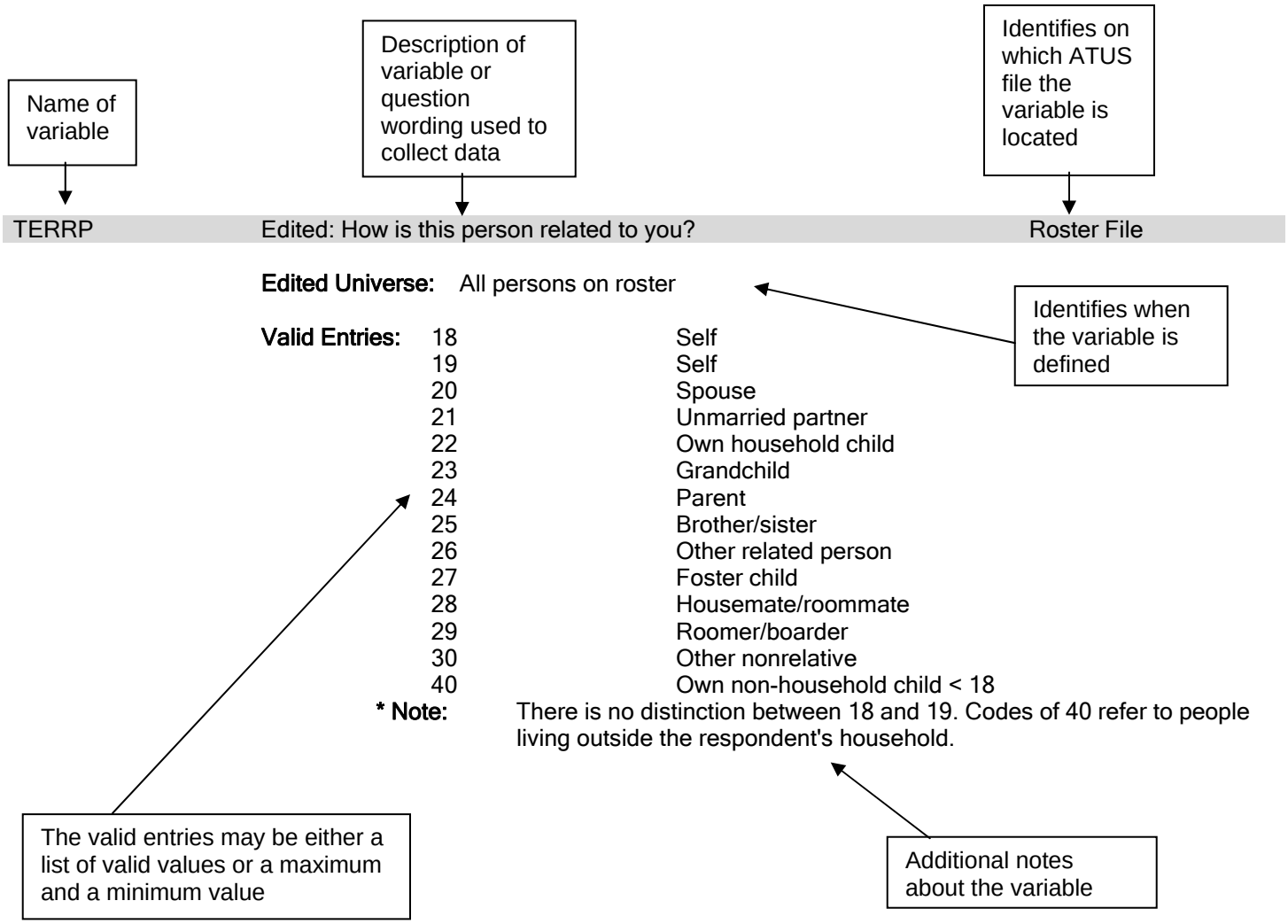
Edited variables and recodes are defined for certain universes, and these are listed in the data dictionary. For example, TEIO1OCD (occupation code) is only defined when the respondent is employed. Therefore, the universe for TEIO1OCD is TELFS = 1 or 2 (TELFS is the labor force status of the respondent, 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. 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 respondents who said it was easiest to report their earnings hourly. TEERNH2, on the other hand, was asked of respondents with TEERNRT = 1, or those respondents 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.

Linking ATUS Files

Each of the ATUS files contains useful information, but in order to produce most estimates, the files must be linked. All of the files contain the variables TUCASEID, which is the ATUS identification number. Two other variables that can be used for linking in conjunction with TUCASEID are TULINENO (person line number) and TUACTIVITY_N (activity line number).

File	Linking Variables
Respondent file	TUCASEID TULINENO (always equal to 1 on the Respondent file)
Roster file	TUCASEID TULINENO
Activity file	TUCASEID TUACTIVITY_N
Who file	TUCASEID TUACTIVITY_N TULINENO
ATUS-CPS file	TUCASEID TULINENO
Case History file	TUCASEID
Call History file	TUCASEID
Activity Summary file	TUCASEID

The ATUS files can also be linked to CPS files. More information is available in the 2004 ATUS-CPS data dictionary.

Changes between years of ATUS data

Those wishing to combine multiple years of ATUS data 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) and the document describing Activity Coding Lexicon changes (www.bls.gov/tus/lexiconchanges.pdf).

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. Thus, researchers who create multi-year data sets should not use the weighting variable TUFINLWGT for all years.

Users who combine multiple years of ATUS data must use weights that were generated using comparable methods. Coinciding with the release of the 2006 ATUS data, the variable TU06FWGT was added to the 2003 to 2005 Respondent and Activity summary files. TU06FWGT is a weighting variable that was generated using the 2006 weighting method. Users who combine ATUS data for the years 2003 to 2006 should use the variable TU06FWGT to weight the 2003 to 2005 data and the variable TUFINLWGT to weight the 2006 data.

The variables TU04FWGT (on the 2003 files) and TUFINLWGT on the 2004 and 2005 files were also generated using comparable weighting methods. Researchers who combine the 2003 to 2005 data files can use this combination of weighting variables or the variable TU06FWGT for all years.

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

For more information about combining activity codes between years, please see www.bls.gov/tus/multiyearcodes.pdf.

2004 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description			File
TEABSRSN	Edited: what was the main reason you were absent from your job last week?			Respondent File
	Edited Universe:	TELFS = 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	Civic/military duty	
		13	Does not work in the business	
		14	Other	
TEAGE	Edited: age			Roster File, Activity Summary File
	Edited Universe:	All persons on roster		
	Valid Entries:	0	Min Value	
		80	Max Value	
	*** Note:** TEAGE is topcoded to 80 (all those 80 or above have TEAGE = 80)			
TEERN	Edited: total weekly overtime earnings (2 implied decimals)			Respondent File
	Edited Universe:	TEERNUOT = 1 and TEERNPER = 1		
	Valid Entries:	0	Min Value	
		288461	Max Value	
TEERNH1O	Edited: excluding overtime pay, tips, and commissions, what is your hourly rate of pay on your main job? (2 implied decimals)			Respondent File
	Edited Universe:	TEERNPER = 1		
	Valid Entries:	0	Min Value	
		9999	Max Value	
TEERNH2	Edited: excluding overtime pay, tips, and commissions, what is your hourly rate of pay on your main job? (2 implied decimals)			Respondent File
	Edited Universe:	TEERNRT = 1		
	Valid Entries:	0	Min Value	
		9999	Max Value	
TEERNHRO	Edited: how many hours do you usually work per week at this rate?			Respondent File
	Edited Universe:	TEERNH1O >= 0		
	Valid Entries:	1	Min Value	
		99	Max Value	
TEERNHRY	Edited: hourly/non-hourly status			Respondent File

Name	Description	File
	Edited Universe: TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	Valid Entries: 1 Paid hourly 2 Not paid hourly	
TEERNPER	Edited: for your main job, what is the easiest way for you to report your total earnings before taxes or other deductions: hourly, weekly, annually, or some other way?	Respondent File
	Edited Universe: TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	Valid Entries: 1 Hourly 2 Weekly 3 Bi-weekly 4 Twice monthly 5 Monthly 6 Annually 7 Other	
TEERNRT	Edited: even though you told me it is easier to report your earnings another way, are you paid at an hourly rate on this job?	Respondent File
	Edited Universe: TEERNPER = 2 - 7	
	Valid Entries: 1 Yes 2 No	
TEERNUOT	Edited: do you usually receive overtime pay, tips, or commissions at your main job?	Respondent File
	Edited Universe: TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	Valid Entries: 1 Yes 2 No	
TEERNWKP	Edited: how many weeks a year do you get paid?	Respondent File
	Edited Universe: TEERNPER = 6	
	Valid Entries: 1 Min Value 52 Max Value	
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	
TEHRUSL1	Edited: how many hours per week do you usually work at your main job?	Respondent File
	Edited Universe: TELFS = 1 or 2	
	Valid Entries: 0 Min Value 999 Max Value *** Note:** -4 (Hours vary) is also valid for TEHRUSL1	
TEHRUSL2	Edited: how many hours per week do you usually work at your other job(s)?	Respondent File
	Edited Universe: TELFS = 1 or 2 and TEMJOT = 1	

Name	Description	File
	Valid Entries: 0 Min Value 999 Max Value *** Note:** -4 (Hours vary) is also valid for TEHRUSL2	
TEHRUSLT	Edited: total hours usually worked per week (sum of TEHRUSL1 and TEHRUSL2)	Respondent File, Activity Summary File
	Edited Universe: TELFS = 1 or 2 **Valid Entries:** 0 Min Value 999 Max Value *** Note:** -4 (Hours vary) is also valid for TEHRUSLT	
TEIO1COW	Edited: individual class of worker code (main job)	Respondent File
	Edited Universe: TELFS = 1 or 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	
TEIO1ICD	Edited: industry code (main job)	Respondent File
	Edited Universe: TELFS = 1 or 2 **Valid Entries:** 0 Min Value 9999 Max Value *** Note:** Refer to Appendix A for a list of industry codes	
TEIO1OCD	Edited: occupation code (main job)	Respondent File
	Edited Universe: TELFS = 1 or 2 **Valid Entries:** 0 Min Value 9999 Max Value *** Note:** Refer to Appendix A for a list of occupation codes	
TELAYAVL	Edited: could you have returned to work in the last seven days if you had been recalled?	Respondent File
	Edited Universe: TELFS = 3 **Valid Entries:** 1 Yes 2 No	
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	
TELFS	Edited: labor force status	Respondent File, Activity Summary File

Name	Description	File
	Edited Universe: All respondents	
	Valid Entries: 1 Employed - at work 2 Employed - absent 3 Unemployed - on layoff 4 Unemployed - looking 5 Not in labor force	
TELKAVL	Edited: could you have started a job in the last seven days if one had been offered?	Respondent File
	Edited Universe: TELKM1 = 1 - 13	
	Valid Entries: 1 Yes 2 No	
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 employment 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/courses 12 Nothing 13 Other passive	
	*** Note:** In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
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	
TERET1	Edited: do you currently want a job, either full or part time?	Respondent File
	Edited Universe: TELFS = 5 and (TURETOT = 1 or TUFABS = 3 or TUFWK = 3 or TULAY = 3) and TEAGE >= 50	
	Valid Entries: 1 Yes or maybe/it depends 2 No 3 Has a job	
TERRP	Edited: how is this person related to you?	Roster File
	Edited Universe: All persons on roster	
	Valid Entries: 18 Self 19 Self 20 Spouse	

Name	Description	File
	Edited Universe: All persons on roster	
	Valid Entries: 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 non-household child < 18	
	*** Note:** There is no distinction between 18 and 19. Codes of 40 refer to people living outside the respondent's household.	
TESCHENR	Edited: are you enrolled in high school, college, or university?	Respondent File, Activity Summary File
	Edited Universe: Respondents aged 15 to 49	
	Valid Entries: 1 Yes 2 No	
TESCHFT	Edited: are you enrolled as a full-time or part-time student?	Respondent File
	Edited Universe: TESCHENR = 1	
	Valid Entries: 1 Full time 2 Part time	
TESCHLVL	Edited: would that be high school, college, or university?	Respondent File, Activity Summary File
	Edited Universe: TESCHENR = 1	
	Valid Entries: 1 High school 2 College or university	
TESEX	Edited: sex	Roster File, Activity Summary File
	Edited Universe: All persons on roster	
	Valid Entries: 1 Male 2 Female	
TESPEMPNOT	Edited: employment status of spouse or unmarried partner	Respondent File, Activity Summary File
	Edited Universe: TRSPPRES = 1 or 2	
	Valid Entries: 1 Employed 2 Not employed	
TESPUHRS	Edited: usual hours of work of spouse or unmarried partner	Respondent File
	Edited Universe: TESPEMPNOT = 1	

Name	Description			File
	Valid Entries:	0	Min Value	
		99	Max Value	
	*** Note:**	-4 (Hours vary) is also valid for TESPUHRS		
TEWHERE	Edited: where were you during the activity?			Activity File
	Edited Universe:	All activities (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	
	*** Note:**	Not collected for activities with activity codes of 0101xx, 0102xx, 0104xx, 500105, or 500106. Values 30, 31, and 32 are new values that do not appear in the data until October 2004. Prior to October 2004, these values would have been classified as "Other place" (value 11).		
TRCHILDNUM	Number of household children < 18			Respondent File, Activity Summary File
	Edited Universe:	All respondents		
	Valid Entries:	0	Min Value	
		30	Max Value	
TRDPFTPT	Full time or part time employment status of respondent			Respondent File, Activity Summary File
	Edited Universe:	TELFS = 1 or 2		
	Valid Entries:	1	Full time	
		2	Part time	
TRDTIND1	Detailed industry recode (main job)			Respondent File

Name	Description	File
	Edited Universe: TELFS = 1 or 2	
	Valid Entries: 1 Min Value 51 Max Value	
	*** Note:** Detailed industry recode values are listed in Appendix A	
TRDTOCC1	Detailed occupation recode (main job)	Respondent File
	Edited Universe: TELFS = 1 or 2	
	Valid Entries: 1 Management occupations 2 Business and financial operations occupations 3 Computer and mathematical science occupations 4 Architecture and engineering occupations 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, sports, and media occupations 10 Healthcare practitioner and technical 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 occupations 19 Construction and extraction occupations 20 Installation, maintenance, and repair occupations 21 Production occupations 22 Transportation and material moving occupations	
TRERNHLY	Hourly earnings (2 implied decimals)	Respondent File
	Edited Universe: TEERNHRY = 1	
	Valid Entries: 0 Min Value 9999 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. The 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.	
TRERNUPD	Earnings update flag	Respondent File
	Edited Universe: TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	Valid Entries: 0 Earnings carried forward from final CPS interview 1 Earnings updated in ATUS	
TRERNWA	Weekly earnings (2 implied decimals)	Respondent File, Activity Summary File
	Edited Universe: TELFS = 1 or 2 and TEIO1COW = 1 - 5	

Name	Description	File
	Valid Entries: 0 Min Value 288461 Max Value *** Note:** This is the most-frequently used earnings variable in ATUS and is defined for all employed persons who are not self-employed or without pay. The allocation flag for this variable is TRWERNAL. Subject to topcoding (the maximum value cannot be greater than 2884.61); topcoding is indicated in TTOT, TTWK, and TTHR.	
TRHERNAL	TRERNHLY: allocation flag	Respondent File
	Edited Universe: TEERNHRY = 1 **Valid Entries:** 0 TRERNHLY does not contain allocated information 1 TRERNHLY contains allocated information	
TRHHCHILD	Presence of household children < 18	Respondent File
	Edited Universe: All respondents **Valid Entries:** 1 Yes 2 No	
TRHOLIDAY	Flag to indicate if diary day was 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:** New Year's Day, Easter, Memorial Day, the Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day are identified as holidays. No interviews were done about Thanksgiving Day because interviewers did not work the Friday after Thanksgiving.	
TRIMIND1	Intermediate industry recode (main job)	Respondent File
	Edited Universe: TELFS = 1 or 2 **Valid Entries:** 1 Agriculture, forestry, fishing, and hunting 2 Mining 3 Construction 4 Manufacturing - durable goods 5 Manufacturing - non-durable goods 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 recreation 18 Accommodation and food services 19 Private households 20 Other services, except private households 21 Public administration	
TRMJIND1	Major industry recode (main job)	Respondent File

Name	Description			File
	Edited Universe:	TELFS = 1 or 2		
	Valid Entries:	1	Agriculture, forestry, fishing, and hunting	
		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	
TRMJOCC1	Major occupation recode (main job)			Respondent File
	Edited Universe:	TELFS = 1 or 2		
	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 occupations	
		6	Farming, fishing, and forestry occupations	
		7	Construction and extraction occupations	
		8	Installation, maintenance, and repair occupations	
		9	Production occupations	
		10	Transportation and material moving occupations	
TRMJOCGR	Major occupation category (main job)			Respondent File
	Edited Universe:	TELFS = 1 or 2		
	Valid Entries:	1	Management, professional, and related occupations	
		2	Service occupations	
		3	Sales and office occupations	
		4	Farming, fishing, and forestry occupations	
		5	Construction and maintenance occupations	
		6	Production, transportation, and material moving occupations	
TRNHHCHILD	Presence of own non-household child < 18			Respondent File
	Edited Universe:	All respondents		
	Valid Entries:	1	Yes	
		2	No	
TROHHCHILD	Presence of own household children < 18			Respondent File
	Edited Universe:	All respondents		
	Valid Entries:	1	Yes	
		2	No	
TRSPFTPT	Full time or part time employment status of spouse or unmarried partner			Respondent File, Activity Summary File

Name	Description	File
	Edited Universe: TESPEMPNOT = 1	
	Valid Entries: 1 Full time 2 Part time 3 Hours vary	
TRSPPRES	Presence of the respondent's spouse or unmarried partner in the household	Respondent File, Activity Summary File
	Edited Universe: All respondents	
	Valid Entries: 1 Spouse present 2 Unmarried partner present 3 No spouse or unmarried partner present	
TRTALONE	Total time respondent spent alone (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTCC	Total time spent during diary day providing secondary childcare for household and own non-household children < 13 (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTCC is the sum of all values of TRTCC_LN for each TUCASEID	
TRTCC_LN	Total time spent during activity providing secondary child care for household and own non-household children < 13 (in minutes)	Activity File
	Edited Universe: All activities for respondents who have at least one household or own non-household child < 13	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTCC_LN is the maximum for the activity of the following variables: TRTOHH_LN, TRTNOHH_LN, and TRTONHH_LN	
TRTCCC	Total time respondent spent with customers, clients, and coworkers (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as working, are omitted from the calculation	
TRTCCTOT	Total time spent during diary day providing secondary childcare for all children < 13 (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTCCTOT is the sum of all values of TRTCCTOT_LN for each TUCASEID	

Name	Description	File
TRTCCTOT_LN	Total time spent during activity providing secondary childcare for all children < 13 (in minutes)	Activity File
	Edited Universe: All activities	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTCCTOT_LN is the maximum for the activity of the following variables: TRTOHH_LN, TRTNOHH_LN, TRTONHH_LN, and TRTCOC_LN	
TRTCHILD	Total time respondent spent with household or non-household children < 18 (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTCOC	Total time spent during diary day providing secondary childcare for non-own, non-household children < 13 (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTCOC is the sum of all values of TRTCOC_LN for each TUCASEID	
TRTCOC_LN	Total time spent during activity providing secondary child care for non-own, non-household children <13 (in minutes)	Activity File
	Edited Universe: All activities	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTCOC_LN is calculated using TUCC8. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 170301, or 170401. TXTCOC is the allocation flag for this variable.	
TRTFAMILY	Total time respondent spent with family members (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTFRIEND	Total time respondent spent with friends (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTHH	Total time spent during diary day providing secondary childcare for household children < 13 (in minutes)	Respondent File
	Edited Universe: All respondents	

Name	Description	File
	Valid Entries: 0 Min Value 1440 Max Value *** Note:** TRTHH is the sum of all values of TRTHH_LN for each TUCASEID	
TRTHH_LN	Total time spent during activity providing secondary childcare for household children < 13 (in minutes)	Activity File
	Edited Universe: All activities for respondents with at least one household child < 13 **Valid Entries:** 0 Min Value 1440 Max Value *** Note:** TRTHH_LN is the maximum for the activity of the following variables: TRTOHH_LN and TRTNOHH_LN	
TRTHHFAMILY	Total time respondent spent with household family members (in minutes)	Respondent File
	Edited Universe: All respondents **Valid Entries:** 0 Min Value 1440 Max Value *** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTNOCHILD	Total time respondent spent with non-own children < 18 (in minutes)	Respondent File
	Edited Universe: All respondents **Valid Entries:** 0 Min Value 1440 Max Value *** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTNOHH	Total time spent during diary day providing secondary childcare for non-own household children < 13 (in minutes)	Respondent File
	Edited Universe: All respondents **Valid Entries:** 0 Min Value 1440 Max Value *** Note:** TRTNOHH is the sum of all values of TRTNOHH_LN for each TUCASEID	
TRTNOHH_LN	Total time spent during activity providing secondary childcare for non-own household children < 13 (in minutes)	Activity File
	Edited Universe: All activities for respondents with at least one non-own household child < 13 **Valid Entries:** 0 Min Value 1440 Max Value *** Note:** TRTNOHH_LN is calculated using TUCC5B. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, or 170301. It also does not include any activity or part of any activity in which no household child was awake (determined by TUCC2 and TUCC4). TXTNOHH is the allocation flag for this variable.	
TRTO	Total time spent during diary day providing secondary childcare for own children < 13 (in minutes)	Respondent File
	Edited Universe: All respondents **Valid Entries:** 0 Min Value 1440 Max Value *** Note:** TRTO is the sum of all values of TRTO_LN for each TUCASEID	

Name	Description	File
TRTO_LN	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 < 13	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTO_LN is the maximum for the activity of the following variables: TRTOHH_LN and TRTONHH_LN	
TRTOHH	Total time spent during diary day providing secondary childcare for own household children < 13 (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTOHH is the sum of all values of TRTOHH_LN for each TUCASEID	
TRTOHH_LN	Total time spent during activity providing secondary childcare for own household children < 13 (in minutes)	Activity File
	Edited Universe: All activities for respondents with at least one own household child < 13	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTOHH_LN is calculated using TUCC5. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, or 170301. It also does not include any activity or part of any activity in which no household child was awake (determined by TUCC2 and TUCC4). TXTOHH is the allocation flag for this variable.	
TRTOHHCHILD	Total time respondent spent with own household children < 18 (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTONHH	Total time spent during diary day providing secondary childcare for own non-household children < 13 (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTONHH is the sum of all values of TRTONHH_LN for each TUCASEID	
TRTONHH_LN	Total time spent during activity providing secondary childcare for own non-household children < 13 (in minutes)	Activity File
	Edited Universe: All activities for respondents with at least one own non-household child < 13	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** TRTONHH_LN is calculated using TUCC7. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 170301, or 170401. TXTONHH is the allocation flag for this variable.	
TRTONHHCHILD	Total time respondent spent with own non-household children < 18 (in minutes)	Respondent File

Name	Description	File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTSPONLY	Total time respondent spent with spouse only (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTSPOUSE	Total time respondent spent with spouse (others may be present) (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRTUNMPART	Total time respondent spent with unmarried partner (others may be present) (in minutes)	Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 Min Value 1440 Max Value	
	*** Note:** This variable is computed using TUWHO_CODE information; all activities for which who information is not collected, such as sleeping, are omitted from the calculation	
TRWERNAL	TRERNWA: allocation flag	Respondent File
	Edited Universe: TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	Valid Entries: 0 TRERNWA does not contain allocated information 1 TRERNWA contains allocated information	
TRWHONA	Who information not asked for activity	Who File
	Edited Universe: All activities	
	Valid Entries: 0 TUWHO_CODE asked 1 TUWHO_CODE not asked	
TRYHHCHILD	Age of youngest household child < 18	Respondent File, Activity Summary File
	Edited Universe: TRHHCHILD = 1	
	Valid Entries: 0 Min Value 17 Max Value	
TTHR	Hourly pay topcode flag	Respondent File
	Valid Entries: 0 Not topcoded 1 Topcoded	
	*** Note:** Indicates topcoding of hourly pay in earnings variables	

Name	Description			File
TTOT	Overtime amount topcode flag			Respondent File
	Valid Entries:	0	Not topcoded	
		1	Topcoded	
	*** Note:** Indicates topcoding of overtime pay in earnings variables			
TTWK	Weekly earnings topcode flag			Respondent File
	Valid Entries:	0	Not topcoded	
		1	Topcoded	
	*** Note:** Indicates topcoding of weekly pay in earnings variables			
TU06FWGT	ATUS final weight based on 2006 weighting methodology			Respondent File, Activity Summary File
	Valid Entries:	0	Min Value	
		999999999.9999999	Max Value	
	*** Note:** Recommended for those users wishing to combine data from 2003 through 2006. For more information, please see the ATUS User's Guide.			
TUABSOT	In the last seven days, did you have a job either full or part time?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
TUACTDUR	Duration of activity in minutes (last activity not truncated at 4:00 a.m.)			Activity File
	Valid Entries:	1	Min Value	
		9999	Max Value	
TUACTDUR24	Duration of activity in minutes (last activity truncated at 4:00 a.m.)			Activity File
	Valid Entries:	1	Min Value	
		1440	Max Value	
TUACTIVITY_N	Activity line number			Activity File, Who File
	Valid Entries:	1	Min Value	
		90	Max Value	
TUBUS	Does anyone in the household own a business or a farm?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
TUBUS1	In the last seven days, did you do any unpaid work in the family business or farm?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
TUBUS2OT	Do you receive payments or profits from the business?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
TUBUSL1	TULINENO of farm or business owner (first owner)			Respondent File
	Valid Entries:	0	Min Value	
		30	Max Value	
TUBUSL2	TULINENO of farm or business owner (second owner)			Respondent File
	Valid Entries:	0	Min Value	
		30	Max Value	
TUBUSL3	TULINENO of farm or business owner (third owner)			Respondent File

Name	Description			File
	Valid Entries:	0	Min Value	
		30	Max Value	
TUBUSL4	TULINENO of farm or business owner (fourth owner)			Respondent File
	Valid Entries:	0	Min Value	
		30	Max Value	
TUBWGT	ATUS base weight			Respondent File
	Valid Entries:	1	Min Value	
		999999.999999	Max Value	
TUCASEID	ATUS Case ID (14-digit identifier)			All Files
TUCC2	Time first household child < 13 woke up			Respondent File
	Valid Entries:	00:00:00	Min Value	
		24:00:00	Max Value	
TUCC4	Time last household child < 13 went to bed			Respondent File
	Valid Entries:	00:00:00	Min Value	
		24:00:00	Max Value	
TUCC5	Was at least one of your own household children < 13 in your care during this activity?			Activity File
	Valid Entries:	0	No	
		1	Yes	
		97	No additional activities involved childcare	
TUCC5B	Was at least one of your non-own household children < 13 in your care during this activity?			Activity File
	Valid Entries:	0	No	
		1	Yes	
		97	No additional activities involved childcare	
TUCC7	Was at least one of your own non-household children < 13 in your care during this activity?			Activity File
	Valid Entries:	0	No	
		1	Yes	
		97	No additional activities involved childcare	
TUCC8	Other than household or own non-household children < 13, was there a child 0-12 in your care during this activity?			Activity File
	Valid Entries:	0	No	
		1	Yes	
		97	No additional activities involved childcare	
TUCC9	Are the non-own, non-household children you cared for in TUCC8 related to you?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
		3	Some are, some are not	
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
	Valid Entries:	1	Min Value	
		9999	Max Value	
TUCUMDUR24	Cumulative duration of activity lengths in minutes; last activity truncated at 4:00am or 1440 minutes (cumulative total of TUACTDUR24 for each TUCASEID)			Activity File
	Valid Entries:	1	Min Value	
		1440	Max Value	

Name	Description	File
TUDIARYDATE	Date of diary day (date about which the respondent was interviewed)	Respondent File
	Valid Entries: 20040101 Min Value 20041231 Max Value *** Note:** TUDIARYDATE is in YYYYMMDD format	
TUDIARYDAY	Day of the week of diary day (day of the week about which the respondent was interviewed)	Respondent File, Activity Summary File
	Valid Entries: 1 Sunday 2 Monday 3 Tuesday 4 Wednesday 5 Thursday 6 Friday 7 Saturday	
TUDIS	Last time we spoke to someone in this household you were reported to have a disability. Does your disability prevent you from doing any kind of work for the next six months?	Respondent File
	Valid Entries: 1 Yes 2 No 3 Did not have a disability last time	
TUDIS1	Does your disability prevent you from accepting any kind of work during the next six months?	Respondent File
	Valid Entries: 1 Yes 2 No	
TUDIS2	Do you have a disability that prevents you from accepting any kind of work during the next six months?	Respondent File
	Valid Entries: 1 Yes 2 No	
TUERN2	Weekly overtime earnings (2 implied decimals)	Respondent File
	Valid Entries: 0 Min Value 288461 Max Value	
TUERNH1C	What is your hourly rate of pay on this job, excluding overtime pay, tips, or commissions? (2 implied decimals)	Respondent File
	Valid Entries: 0 Min Value 9999 Max Value *** Note:** Only asked if the respondent indicates that the recorded hourly rate read back by the interviewer is not correct	
TUFINLWGT	ATUS final weight	Respondent File, Activity Summary File
	Valid Entries: 0 Min Value 999999999.9999999 Max Value *** Note:** The weighting methodology changed between years, so this variable is not comparable for 2003 - 2006. For more information, please see the ATUS User's Guide.	
TUFWK	In the last seven days did you do any work for pay or profit?	Respondent File
	Valid Entries: 1 Yes 2 No 3 Retired 4 Disabled 5 Unable to work	

Name	Description			File
TUIO1MFG	Is this business or organization mainly manufacturing, retail trade, wholesale trade, or something else? (main job)			Respondent File
	Valid Entries:	1	Manufacturing	
		2	Retail trade	
		3	Wholesale trade	
		4	Something else	
TUIODP1	Last time we spoke to someone in this household, you were reported to work for (employer's name). Do you still work for (employer's name)? (main job)			Respondent File
	Valid Entries:	1	Yes	
		2	No	
TUIODP2	Have the usual activities and duties of your job changed since (month of CPS interview)? (main job)			Respondent File
	Valid Entries:	1	Yes	
		2	No	
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
	Valid Entries:	1	Yes	
		2	No	
TULAY	During the last seven days were you on layoff from your job?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
TULAY6M	Have you been given any indication that you will be recalled to work within the next 6 months?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
TULAYAVR	Why could you not have started a job in the last week?			Respondent File
	Valid Entries:	1	Own temporary illness	
		2	Going to school	
		3	Other	
TULAYDT	Has your employer given you a date to return to work? (to layoff job)			Respondent File
	Valid Entries:	1	Yes	
		2	No	
TULINENO	ATUS person line number			ATUS-CPS File, Respondent File, Roster File, Who File
	Valid Entries:	1	Min Value	
		30	Max Value	
	*** Note:** The person selected to be interviewed for ATUS is always TULINENO = 1			
TULK	Have you been doing anything to find work during the last four weeks?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
TULKAVR	Why could you not have started a job last week?			Respondent File

Name	Description			File
	Valid Entries:	1	Waiting for new job to begin	
		2	Own temporary illness	
		3	Going to school	
		4	Other	
TULKDK1	You said you have been trying to find work. How did you go about looking? (first method)			Respondent File
	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	
		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:** In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6			
TULKDK2	TULKDK1 text: (second method)			Respondent File
	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	
		7	Checked union/professional registers	
		8	Placed or answered ads	
		9	Other active	
		10	Looked at ads	
		11	Attended job training programs/courses	
		13	Other passive	
		97	No additional job search activities	
	*** Note:** In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6			
TULKDK3	TULKDK1 text: (third method)			Respondent File
	Valid Entries:	1	Min Value	
		97	Max Value	
	*** Note:** See valid values for TULKDK2			
TULKDK4	TULKDK1 text: (fourth method)			Respondent File
	Valid Entries:	1	Min Value	
		97	Max Value	
	*** Note:** See valid values for TULKDK2			
TULKDK5	TULKDK1 text: (fifth method)			Respondent File
	Valid Entries:	1	Min Value	
		97	Max Value	
	*** Note:** See valid values for TULKDK2			

Name	Description	File
TULKDK6	TULKDK1 text: (sixth method)	Respondent File
	Valid Entries: 1 Min Value 97 Max Value *** Note:** See valid values for TULKDK2	
TULKM2	What are all of the things you have done to find work during the last 4 weeks? (second method)	Respondent File
	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 7 Checked union/professional registers 8 Placed or answered ads 9 Other active 10 Looked at ads 11 Attended job training programs/courses 13 Other passive 97 No additional job search activities *** Note:** In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
TULKM3	TULKM2 text: (third method)	Respondent File
	Valid Entries: 1 Min Value 97 Max Value *** Note:** See valid values for TULKM2	
TULKM4	TULKM2 text: (fourth method)	Respondent File
	Valid Entries: 1 Min Value 97 Max Value *** Note:** See valid values for TULKM2	
TULKM5	TULKM2 text: (fifth method)	Respondent File
	Valid Entries: 1 Min Value 97 Max Value *** Note:** See valid values for TULKM2	
TULKM6	TULKM2 text: (sixth method)	Respondent File
	Valid Entries: 1 Min Value 97 Max Value *** Note:** See valid values for TULKM2	
TULKPS1	Can you tell me more about what you did to search for work? (first method)	Respondent File
	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 7 Checked union/professional registers 8 Placed or answered ads 9 Other active 10 Looked at ads	

Name	Description			File
	Valid Entries:	11	Attended job training programs/courses	
		12	Nothing	
		13	Other passive	
		97	No more job search activities	
	*** Note:** In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6			
TULKPS2	TULKPS1 text: (second method)			Respondent File
	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	
		7	Checked union/professional registers	
		8	Placed or answered ads	
		9	Other active	
		10	Looked at ads	
		11	Attended job training programs/courses	
		13	Other passive	
		97	No additional job search activities	
	*** Note:** In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6			
TULKPS3	TULKPS1 text: (third method)			Respondent File
	Valid Entries:	1	Min Value	
		97	Max Value	
	*** Note:** See valid values for TULKPS2			
TULKPS4	TULKPS1 text: (fourth method)			Respondent File
	Valid Entries:	1	Min Value	
		97	Max Value	
	*** Note:** See valid values for TULKPS2			
TULKPS5	TULKPS1 text: (fifth method)			Respondent File
	Valid Entries:	1	Min Value	
		97	Max Value	
	*** Note:** See valid values for TULKPS2			
TULKPS6	TULKPS1 text: (sixth method)			Respondent File
	Valid Entries:	1	Min Value	
		97	Max Value	
	*** Note:** See valid values for TULKPS2			
TUMONTH	Month of diary day (month of day about which ATUS respondent was interviewed)			Respondent File
	Valid Entries:	1	Min Value	
		12	Max Value	
TURETOT	The last time we spoke to someone in this household you were reported to be retired. Are you still retired?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
		3	Was not retired last time	
TURRP	Relationship to ATUS respondent			Roster File
	Valid Entries:	18	Self	

Name	Description			File
	Valid Entries:	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 non-household child < 18	
	*** Note:** There is no distinction between 18 and 19. Codes of 40 refer to people living outside the respondent's household.			
TUSPABS	In the last seven days, did your spouse or unmarried partner have a job either full or part time?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
TUSPUSFT	Does your spouse or unmarried partner usually work 35 hours or more per week?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
		3	Hours vary	
		4	No longer has a job	
TUSPWK	In the last seven days, did your spouse or unmarried partner do any work for pay or profit?			Respondent File
	Valid Entries:	1	Yes	
		2	No	
		3	Retired	
		4	Disabled	
		5	Unable to work	
TUSTARTTIM	Activity start time			Activity File
	Valid Entries:	00:00:00	Min Value	
		24:00:00	Max Value	
TUSTOPTIME	Activity stop time			Activity File
	Valid Entries:	00:00:00	Min Value	
		24:00:00	Max Value	
TUTIER1CODE	Lexicon Tier 1: 1st and 2nd digits of 6-digit activity code			Activity File
	Valid Entries:	01	Min Value	
		50	Max Value	
	*** Note:** Valid activity codes are listed in the 2004 Coding Lexicon (see Appendix A). Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.			
TUTIER2CODE	Lexicon Tier 2: 3rd and 4th digits of 6-digit activity code			Activity File
	Valid Entries:	01	Min Value	
		99	Max Value	

Name	Description	File
	*** Note:** Valid activity codes are listed in the 2004 Coding Lexicon (see Appendix A). Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.	
TUTIER3CODE	Lexicon Tier 3: 5th and 6th digits of 6-digit activity code	Activity File
	Valid Entries: 01 Min Value 99 Max Value	
	*** Note:** Valid activity codes are listed in the 2004 Coding Lexicon (see Appendix A). Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.	
TUWHO_CODE	Who was in the room with you / Who accompanied you?	Who File
	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 non-household child < 18 51 Parents (not living in household) 52 Other non-household family members < 18 53 Other non-household family members 18 and older (including parents-in-law) 54 Friends 55 Co-workers/colleagues/clients 56 Neighbors/acquaintances 57 Other non-household children < 18 58 Other non-household adults 18 and older	
	*** Note:** Not collected for activities with activity codes of 0101xx, 0102xx, 0104xx, 0501xx, 500105, or 500106. There is no distinction between 18 and 19. All codes of 40 or greater refer to people living outside of the respondent's household.	
TUYEAR	Year of diary day (year of day about which respondent was interviewed)	Respondent File
	Valid Entries: 2004 Min Value 2004 Max Value	
TXABSRSN	TEABSRSN: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value	
	*** Note:** See Introduction for allocation flag values	
TXAGE	TEAGE: allocation flag	Roster File
	Valid Entries: 00 Value - no change 01 Blank - no change 02 Don`t know - no change 03 Refused - no change 10 Value to value	

Name	Description			File
	Valid Entries:	11	Blank to value	
		12	Don`t know to value	
		13	Refused to value	
		20	Value to longitudinal value	
		21	Blank to longitudinal value	
		22	Don`t know to longitudinal value	
		23	Refused to longitudinal value	
		30	Value to allocated longitudinal value	
		31	Blank to allocated longitudinal value	
		32	Don`t know to allocated longitudinal value	
		33	Refused to allocated longitudinal value	
		40	Value to allocated value	
		41	Blank to allocated value	
		42	Don`t know to allocated value	
		43	Refused to allocated value	
		50	Value to blank	
		52	Don`t know to blank	
		53	Refused to blank	
		60	Topcoded	
		61	Topcoded and allocated	
	*** Note:** There are two valid values (60 and 61) that are not valid values for any other TX variable			
TXERN	TEERN: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:** See Introduction for allocation flag values			
TXERNH1O	TEERNH1O: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:** See Introduction for allocation flag values			
TXERNH2	TEERNH2: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:** See Introduction for allocation flag values			
TXERNHRO	TEERNHRO: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:** See Introduction for allocation flag values			
TXERNHRY	TEERNHRY: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:** See Introduction for allocation flag values			
TXERNPER	TEERNPER: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:** See Introduction for allocation flag values			
TXERNRT	TEERNRT: allocation flag			Respondent File

Name	Description	File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXERNUOT	TEERNUOT: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXERNWKP	TEERNWKP: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXHRFTPT	TEHRFTPT: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXHRUSL1	TEHRUSL1: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXHRUSL2	TEHRUSL2: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXHRUSLT	TEHRUSLT: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXIO1COW	TEIO1COW: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXIO1ICD	TEIO1ICD: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXIO1OCD	TEIO1OCD: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXLAYAVL	TELAYAVL: allocation flag	Respondent File
	Valid Entries: 00 Min Value 53 Max Value *** Note:** See Introduction for allocation flag values	
TXLAYLK	TELAYLK: allocation flag	Respondent File

Name	Description			File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXLFS	TELFS: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXLKAVL	TELKAVL: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXLKM1	TELKM1: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXMJOT	TEMJOT: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXRET1	TERET1: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXRRP	TERRP: allocation flag			Roster File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXSCHENR	TESCHENR: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXSCHFT	TESCHFT: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXSCHLVL	TESCHLVL: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXSEX	TESEX: allocation flag			Roster File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXSPEMPNOT	TESPEMPNOT: allocation flag			Respondent File

Name	Description			File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXSPUHRS	TESPUHRS: allocation flag			Respondent File
	Valid Entries:	00	Min Value	
		53	Max Value	
	*** Note:**	See Introduction for allocation flag values		
TXTCC	TRTCC_LN and TRTCC: allocation flag			Respondent File
	Valid Entries:	0	TRTCC_LN and TRTCC do not contain allocated data	
		1	TRTCC_LN and TRTCC contain allocated data	
	*** Note:**	A value of 1 indicates that at least one of the following variables is allocated: TRTOHH_LN, TRTNOHH_LN, or TRTONHH_LN		
TXTCCTOT	TRTCCTOT_LN and TRTCCTOT: allocation flag			Respondent File
	Valid Entries:	0	TRTCCTOT_LN and TRTCCTOT do not contain allocated data	
		1	TRTCCTOT_LN and TRTCCTOT contain allocated data	
	*** Note:**	A value of 1 indicates that at least one of the following variables is allocated: TRTCOC_LN, TRTOHH_LN, TRTNOHH_LN, or TRTONHH_LN		
TXTCOC	TRTCOC_LN and TRTCOC: allocation flag			Respondent File
	Valid Entries:	0	TRTCOC_LN and TRTCOC do not contain allocated data	
		1	TRTCOC_LN and TRTCOC contain allocated data	
	*** Note:**	Allocated values are based on time spent with non-own non-household children < 18 when no other non-household adult was present. Calculations do not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 170301, or 170401.		
TXTHH	TRTHH_LN and TRTHH: allocation flag			Respondent File
	Valid Entries:	0	TRTHH_LN and TRTHH do not contain allocated data	
		1	TRTHH_LN and TRTHH contain allocated data	
	*** Note:**	A value of 1 indicates that at least one of the following variables is allocated: TRTOHH_LN or TRTNOHH_LN		
TXTNOHH	TRTNOHH_LN and TRTNOHH: allocation flag			Respondent File
	Valid Entries:	0	TRTNOHH_LN and TRTNOHH do not contain allocated data	
		1	TRTNOHH_LN and TRTNOHH contain allocated data	
	*** Note:**	Allocated values are based on time spent with non-own household children < 13. Calculations do not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, or 170301. They also do not include any activities or parts of any activities in which no household child was awake (determined by TUCC2 and TUCC4).		
TXTO	TRTO_LN and TRTO: allocation flag			Respondent File
	Valid Entries:	0	TRTO_LN and TRTO do not contain allocated data	
		1	TRTO_LN and TRTO contain allocated data	
	*** Note:**	A value of 1 indicates that at least one of the following variables is allocated: TRTOHH_LN or TRTONHH_LN		
TXTOHH	TRTOHH_LN and TRTOHH: allocation flag			Respondent File
	Valid Entries:	0	TRTOHH_LN and TRTOHH do not contain allocated data	
		1	TRTOHH_LN and TRTOHH contain allocated data	

Name	Description	File
	*** Note:** Allocated values are based on time spent with own household children < 13. Calculations do not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, or 170301. They also do not include any activities or parts of any activities in which no household child was awake (determined by TUCC2 and TUCC4).	
TXTONHH	TRTONHH_LN and TRTONHH: allocation flag	Respondent File
	Valid Entries: 0 TRTONHH_LN and TRTONHH do not contain allocated data 1 TRTONHH_LN and TRTONHH contain allocated data	
	*** Note:** Allocated values are based on time spent with own non-household children < 13. Calculations do not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 170301, or 170401.	
TXWHERE	TEWHERE: allocation flag	Activity File
	Valid Entries: 00 Min Value 53 Max Value	
	*** Note:** See Introduction for allocation flag values	

APPENDIX A

Detailed Industry Code (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

Industry Codes (TEIO1ICD)

Available at http://www.bls.gov/tus/census02iocodes.pdf

Occupation Codes (TEIO1OCD)

Available at http://www.bls.gov/tus/census02iocodes.pdf

2004 Activity Codes (Concatenated TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE)

Available at www.bls.gov/tus/lexiconwex2004.pdf