

American Time Use Survey (ATUS) Data Dictionary:  
2020 Interview Data  
Variables collected in ATUS  
July 2021

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

## Important Notice about 2020 ATUS data collection

### **Data represent only 10 months of 2020**

ATUS data collected in 2020 are not representative of the full year because they were collected for only 10 months. ATUS data were not collected about the days March 18, 2020 to May 9, 2020, which coincided with a time when most residents of the United States were encouraged to stay home to prevent the spread of COVID-19. The ATUS does not have information on how people spent their time during this period when data were not collected.

Researchers can use the variable TUDIARYDATE to identify the date about which respondents reported their use of time. The data files contain time diary data collected before and after the temporary shutdown in ATUS operations, but there are no values of TUDIARYDATE for March 18, 2020 to May 9, 2020.

The method used to develop statistical weights for the ATUS data was modified. Time-use estimates produced with the 2020 statistical weights represent only the days before and after the pandemic-related shutdown in data collection. That is, they will represent the periods January 1<sup>st</sup> to March 17<sup>th</sup> and May 10<sup>th</sup> to December 31<sup>st</sup>.

For more information about the effects of the pandemic on the collection and processing of ATUS data, see [www.bls.gov/tus/covid19.htm](http://www.bls.gov/tus/covid19.htm)

## 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 of the 2020 ATUS data files: the Respondent file, the Roster file, the Activity file, the Who file, the Eldercare Roster file, and the Activity Summary file. These files contain information collected and assigned in the 2020 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 ATUS data files:

- **2020 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.)
- **2020 ATUS Survey Methodology Data Dictionary:** Describes the variables available on the Case History file and the Call History file.

These additional data dictionaries are available on the ATUS Web site at [www.bls.gov/tus/dictionaries.htm](http://www.bls.gov/tus/dictionaries.htm).

### ATUS Interview Data Files

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

#### 1. ATUS Respondent File

This file contains case-specific variables collected in 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, total time providing eldercare, and ATUS statistical 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 (TELF5), and total time spent alone (TRTALONE). The actual ATUS Respondent file contains many more variables as well as many more lines.

TUCASEID	TULINENO	TESCHENR	TELF5	TRTALONE
20200101020210	1	1	1	40
20200101020211	1	1	1	350
20200101020212	1	1	5	0
20200101020213	1	2	5	556
20200101020214	1	1	4	100

#### 2. 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 20200101020210 has three persons residing in the household, TUCASEID 20200101020211 has two persons in the household, and TUCASEID 20200101020212 has one person. The actual ATUS Roster file contains more variables and many additional lines.

TUCASEID	TULINENO	TERRP	TESEX	TEAGE
20200101020210	1	18	2	42
20200101020210	2	20	1	45
20200101020210	3	22	1	11
20200101020211	1	18	1	65
20200101020211	2	20	2	72
20200101020212	1	18	2	21

3. ATUS Activity File

This file includes activity-level information collected in ATUS, including activity code, location, duration, activity start and stop times, whether respondents had a child under 13 in their care during the activity, and whether the activity was identified as eldercare. 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
20200101020210	1	04:00:00	07:00:00
20200101020210	2	07:00:00	07:30:00
20200101020210	3	07:30:00	08:00:00
20200101020210	4	08:00:00	12:00:00
20200101020210	5	12:00:00	13:30:00
20200101020210	6	13:30:00	17:30:00
20200101020210	7	17:30:00	18:00:00
20200101020210	8	18:00:00	19:00:00
20200101020210	9	19:00:00	21:00:00
20200101020210	10	21:00:00	04:00:00

4. 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 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
20200101020210	1	-1	-1
20200101020210	2	22	3
20200101020210	3	20	2
20200101020210	3	22	3
20200101020210	3	51	-1

5. ATUS Eldercare Roster File (new 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 1<sup>st</sup> 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 20200101020210 provided care to two persons not living in the household, TUCASEID 20200101020211 provided care to one person, who does live in the household, and TUCASEID 20200101020215 and TUCASEID 20200101020218 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
20200101020210	-1	33	76	4
20200101020210	-1	34	80	4
20200101020211	2	20	72	4
20200101020215	-1	46	88	3
20200101020218	-1	55	65	2

6. 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 2020 Activity Lexicon ([www.bls.gov/tus/lexiconwex2020.pdf](http://www.bls.gov/tus/lexiconwex2020.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
20200101020210	26	480	0
20200101020211	53	430	30
20200101020212	76	457	0
20200101020213	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 (TU20FWGT).
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, TRMJOC1 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 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, then an edited version does not exist and 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:

- 0 Value – no change
- 1 Blank – no change
- 2 Don’t know – no change
- 3 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 changed, 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)

Two of the “X” allocation flags have more values than those listed above: TXAGE and TXAGE\_EC. There are two additional values to indicate that TEAGE or TEAGE\_EC has been topcoded or given a maximum value. These values are listed in the data dictionary.

Two other variables (TRWERNAL and TRHERNAL) indicate allocation and do not follow the “X” variable values; these variables have values of either 0 or 1, with 1 indicating that other variables (TREARNWA and TREARNHLY, respectively) have been allocated.

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

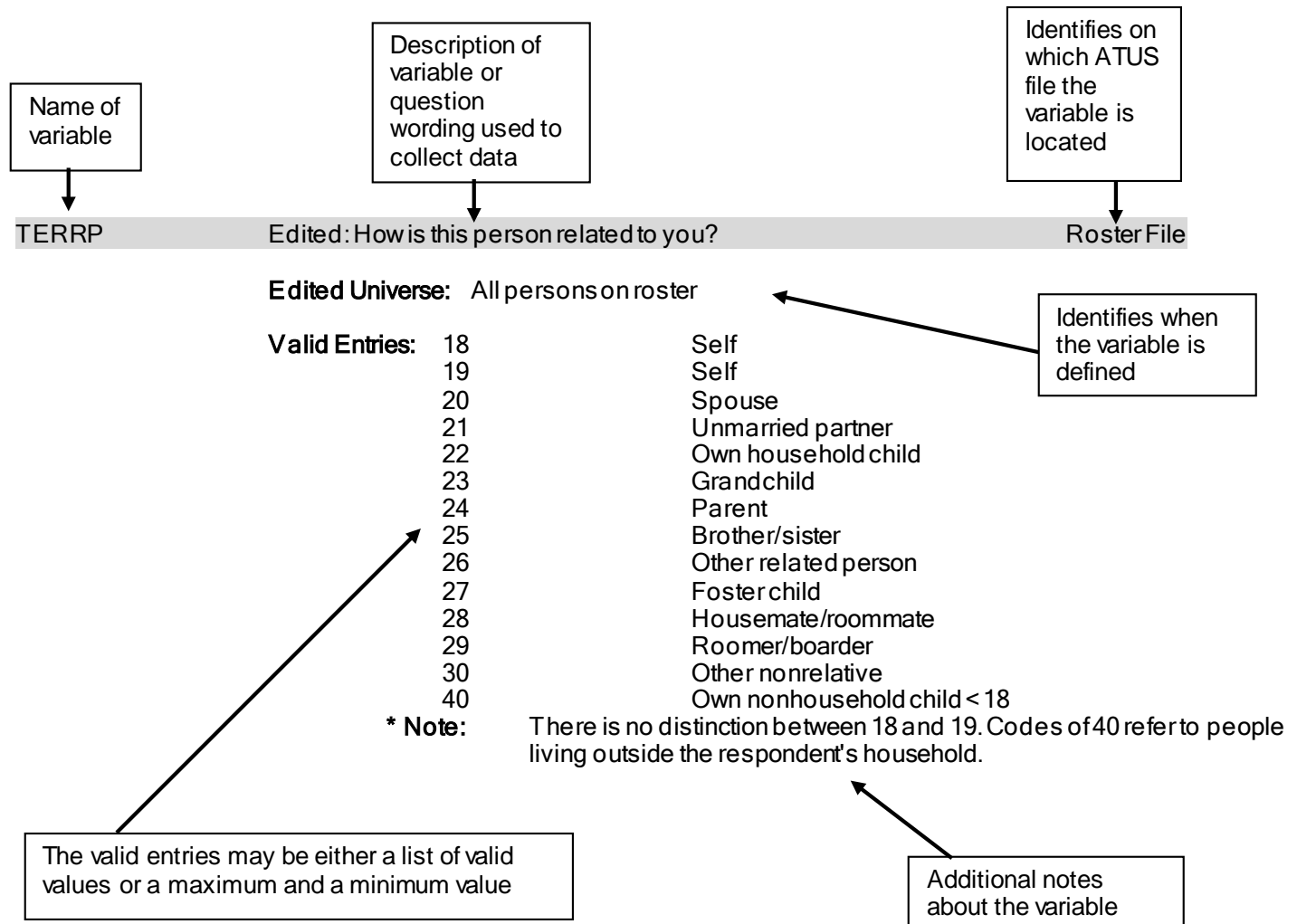
Edited variables and recodes are defined for certain universes, and these are listed in the data dictionary. For example, TEIO1OCD (occupation code) is only defined when the respondent is employed. Therefore, the universe for TEIO1OCD is TELFS = 1 or 2 (TELFS is the labor force status of the respondent, 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 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](http://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 variable 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 TUACTIONITY\_N (activity line number). More information on linking ATUS files is available on the ATUS Web site at [www.bls.gov/tus/howto.htm#linking](http://www.bls.gov/tus/howto.htm#linking).

For information on linking ATUS files to CPS files, see Appendix K-L of the ATUS User's Guide ([www.bls.gov/tus/atususersguide.pdf](http://www.bls.gov/tus/atususersguide.pdf)).

## 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](http://www.bls.gov/tus/changes.pdf)) and the document describing Activity Coding Lexicon changes ([www.bls.gov/tus/lexiconchanges.pdf](http://www.bls.gov/tus/lexiconchanges.pdf)).

## Statistical weights for the 2020 ATUS Data

The method used to develop statistical weights for the 2020 ATUS data was modified. Time-use estimates produced with the 2020 statistical weights represent only the days before and after the pandemic-related shutdown in data collection. That is, they will represent the periods January 1<sup>st</sup> to March 17<sup>th</sup> and May 10<sup>th</sup> to December 31<sup>st</sup>. Because data were not collected about March 18<sup>th</sup> to May 9<sup>th</sup> -- a period during which people were encouraged to stay home and physically distance themselves from those with whom they did not live, and a period in which one would expect people's use of time to be greatly impacted -- the data that were collected in 2020 are not representative of the full year. While it's possible to combine the 2020 data with other years, researchers should be careful using multiple years of ATUS data to produce estimates. Annual estimates with the 2020 data are not possible, but researchers can produce partial-year estimates using data collected before or after the pandemic-related shutdown. When using the 2020 ATUS data, researchers need to use the weighting variable TU20FWGT instead of TUFINLWGT.

For more information about ATUS populations weights, why researchers should use them, and details about how the ATUS weighting method changed, see Chapter 7 of the ATUS User's Guide ([www.bls.gov/tus/atususersguide.pdf](http://www.bls.gov/tus/atususersguide.pdf)).

2020 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
	<b>Edited Universe:</b> TELFS = 2	
	<b>Valid Entries:</b> 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	

Name	Description	File
TEAGE	Edited: age	Roster File, Activity Summary File
	<b>Edited Universe:</b> All persons on roster	
	<b>Valid Entries:</b> 0 Min Value 85 Max Value	
	<b>*Note</b> TEAGE is topcoded to 85. All those age 80 through 84 have TEAGE = 80. Those age 85 or above have TEAGE = 85. TXAGE indicates topcoding.	

Name	Description	File
TEAGE_EC	Edited: age of eldercare recipient	EC Roster File
	<b>Edited Universe:</b> All eldercare recipients	
	<b>Valid Entries:</b> 0 Min Value 85 Max Value	
	<b>*Note</b> For household members, this is the age on the diary day; for nonhousehold members it's the person's age on the first of the month 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. Those age 85 or above have TEAGE_EC = 85. TXAGE_EC indicates topcoding.	

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Name	Description		File
TEELDUR	Edited: how long have you provided care to [NAME]?		EC Roster File
	<b>Edited Universe:</b>	All eldercare recipients	
	<b>Valid Entries:</b>	1	0 to 5 months
		2	6 to 11 months
		3	1 year
		4	More than a year
	<b>*Note</b>	The name is filled with the information collected from the TUELWHO question	

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Name	Description	File
TEELWHO	Edited: who did you give this care to?	EC Roster File
	<b>Edited Universe:</b> All eldercare recipients	
	<b>Valid Entries:</b> 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	
	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	
	47 Grandmother/Great-grandmother	
	48 Grandfather/Great-grandfather	
	49 Other related person	
	56 Other non-relative	
	<b>*Note</b> All codes of 30 or less refer to people living inside of the respondent's household.	
Name	Description	File
TEELYRS	Edited: how many years have you provided care (to this person)?	EC Roster File
	<b>Edited Universe:</b> TEELDUR=4	
	<b>Valid Entries:</b> 1 Min Value 99 Max Value	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TEERN	Edited: total weekly earnings from overtime pay, tips, and commissions (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TEERNUOT = 1 and TEERNPER = 1	
	<b>Valid Entries:</b> 0 288461	Min Value Max Value
Name	Description	File
TEERNH10	Edited: excluding overtime pay, tips, and commissions, what is your hourly rate of pay on your main job? (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TEERNPER = 1	
	<b>Valid Entries:</b> 0 9999	Min Value Max Value
Name	Description	File
TEERNH2	Edited: excluding overtime pay, tips, and commissions, what is your hourly rate of pay on your main job? (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TEERNRT = 1	
	<b>Valid Entries:</b> 0 9999	Min Value Max Value
Name	Description	File
TEERNHRO	Edited: how many hours do you usually work per week at this rate?	Respondent File
	<b>Edited Universe:</b> TEERNH10 >= 0	
	<b>Valid Entries:</b> 1 99	Min Value Max Value
Name	Description	File
TEERNHRY	Edited: hourly/non-hourly status	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 1	Paid hourly
	<b>Valid Entries:</b> 2	Not paid hourly

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
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
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 1 Hourly	
	2 Weekly	
	3 Bi-weekly	
	4 Twice monthly	
	5 Monthly	
	6 Annually	
	7 Other	
Name	Description	File
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
	<b>Edited Universe:</b> TEERNPER = 2 - 7	
	<b>Valid Entries:</b> 1 Yes	
	2 No	
Name	Description	File
TEERNUOT	Edited: do you usually receive overtime pay, tips, or commissions at your main job?	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 1 Yes	
	2 No	
Name	Description	File
TEERNWKP	Edited: how many weeks a year do you get paid?	Respondent File
	<b>Edited Universe:</b> TEERNPER = 6	
	<b>Valid Entries:</b> 1 Min Value 52 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
	<b>Edited Universe:</b> TEHRUSL1 = -4 or TEHRUSL2 = -4	
	<b>Valid Entries:</b> 1 Yes	
	2 No	
	3 Hours vary	



2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TEHRUSL1	Edited: how many hours per week do you usually work at your main job?	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 0 999	Min Value Max Value
	<b>*Note</b> -4 (Hours vary) is also valid for TEHRUSL1	
Name	Description	File
TEHRUSL2	Edited: how many hours per week do you usually work at your other job(s)?	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEMJOT = 1	
	<b>Valid Entries:</b> 0 999	Min Value Max Value
	<b>*Note</b> -4 (Hours vary) is also valid for TEHRUSL2	
Name	Description	File
TEHRUSLT	Edited: total hours usually worked per week (sum of TEHRUSL1 and TEHRUSL2)	Respondent File, Activity Summary File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 0 999	Min Value Max Value
	<b>*Note</b> -4 (Hours vary) is also valid for TEHRUSLT	
Name	Description	File
TEIO1COW	Edited: individual class of worker code (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 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

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Name	Description	File
TEIO1ICD	Edited: industry code (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 0 9999	Min Value Max Value
	<b>*Note</b>	Beginning in the January 2020 ATUS, industry data were classified using the 2017 Census Industry Classification system. This system replaced the 2012 Census Industry Classification system.  Refer to Appendix A for the list of 2017 Census Industry Classification codes.

Name	Description	File
TEIO1OCD	Edited: occupation code (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 0 9999	Min Value Max Value
	<b>*Note</b>	Beginning in the January 2020 ATUS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system.  The 2020 occupation data are not strictly comparable to previous years.  Refer to Appendix A for the list of 2018 Census Occupation Classification codes.

Name	Description	File
TELAYAVL	Edited: could you have returned to work in the last seven days if you had been recalled?	Respondent File
	<b>Edited Universe:</b> TELFS = 3	
	<b>Valid Entries:</b> 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
	<b>Edited Universe:</b> TELAYAVL = 1 or 2	
	<b>Valid Entries:</b> 1	Yes
	2	No

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TELF5	Edited: labor force status	Respondent File, Activity Summary File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 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 you have started a job in the last seven days if one had been offered?	Respondent File
	<b>Edited Universe:</b> TELKM1 = 1 - 13	
	<b>Valid Entries:</b> 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
	<b>Edited Universe:</b> TELFS = 4	
	<b>Valid Entries:</b> 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	
	<b>*Note</b> In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	

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Name	Description	File
TEMJOT	Edited: in the last seven days did you have more than one job?	Respondent File, Activity Summary File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Yes	
	2 No	
Name	Description	File
TERET1	Edited: do you currently want a job, either full or part time?	Respondent File
	<b>Edited Universe:</b> TELFS = 5 and (TURETOT = 1 or TUFABS = 3 or TUFWK = 3 or TULAY = 3) and TEAGE >= 50	
	<b>Valid Entries:</b> 1 Yes or maybe/it depends	
	2 No	
	3 Has a job	
Name	Description	File
TERRP	Edited: how is this person related to you?	Roster File
	<b>Edited Universe:</b> All persons on roster	
	<b>Valid Entries:</b> 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	
	<b>*Note</b> There is no distinction between 18 and 19. Codes of 40 refer to people living outside the respondent's household.	

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Name	Description	File
TESCHENR	Edited: are you enrolled in high school, college, or university?	Respondent File, Activity Summary File
	<b>Edited Universe:</b> Respondents aged 15 to 49	
	<b>Valid Entries:</b> 1 Yes	
	2 No	
Name	Description	File
TESCHFT	Edited: are you enrolled as a full-time or part-time student?	Respondent File
	<b>Edited Universe:</b> TESCHENR = 1	
	<b>Valid Entries:</b> 1 Full time	
	2 Part time	
Name	Description	File
TESCHLVL	Edited: would that be high school, college, or university?	Respondent File, Activity Summary File
	<b>Edited Universe:</b> TESCHENR = 1	
	<b>Valid Entries:</b> 1 High school	
	2 College or university	
Name	Description	File
TESEX	Edited: sex	Roster File, Activity Summary File
	<b>Edited Universe:</b> All persons on roster	
	<b>Valid Entries:</b> 1 Male	
	2 Female	
Name	Description	File
TESPEMPNOT	Edited: employment status of spouse or unmarried partner	Respondent File, Activity Summary File
	<b>Edited Universe:</b> TRSPPRES = 1 or 2	
	<b>Valid Entries:</b> 1 Employed	
	2 Not employed	
Name	Description	File
TESPUHRS	Edited: usual hours of work of spouse or unmarried partner	Respondent File
	<b>Edited Universe:</b> TESPEMPNOT = 1	
	<b>Valid Entries:</b> 0 Min Value 99 Max Value	
	<b>*Note</b> -4 (Hours vary) is also valid for TESPUHRS	

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Name	Description		File
TEWHERE	Edited: where were you during the activity?		Activity File
	<b>Edited Universe:</b>	All activities (except those noted below)	
	<b>Valid Entries:</b>	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
	<b>*Note</b>	Not collected for activities with activity codes of 0101xx, 0102xx, 0104xx, 500105, or 500106.	
Name	Description		File
TRCHILDNUM	Number of household children < 18		Respondent File, Activity Summary File
	<b>Edited Universe:</b>	All respondents	
	<b>Valid Entries:</b>	0	Min Value
		30	Max Value

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TRCODE	Six digit activity code	Activity File
	<b>Edited Universe:</b> All activities	
	<b>*Note</b> This variable includes information from TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.	
Name	Description	File
TRDPFTPT	Full time or part time employment status of respondent	Respondent File, Activity Summary File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Full time	
	2 Part time	
Name	Description	File
TRDTIND1	Detailed industry recode (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1 Min Value 51 Max Value	
	<b>*Note</b> Beginning in the January 2020 ATUS, industry data were classified using the 2017 Census Industry Classification system. This system replaced the 2012 Census Industry Classification system.  Refer to Appendix A for the list of 2017 Census Industry Classification codes.	

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Name	Description	File
TRDTOCC1	Detailed occupation recode (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1	Management occupations
	2	Business and financial operations occupations
	3	Computer and mathematical occupations
	4	Architecture and engineering occupations
	5	Life, physical, and social science occupations
	6	Community and social service occupations
	7	Legal occupations
	8	Educational instruction 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
	<b>*Note</b>	<p>Beginning in the January 2020 ATUS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system.</p> <p>The 2020 occupation data are not strictly comparable to previous years.</p> <p>Refer to Appendix A for the list of 2018 Census Occupation Classification codes.</p>
Name	Description	File
TRELHH	Eldercare recipient is a household member	EC Roster File
	<b>Edited Universe:</b> All Eldercare recipients	
	<b>Valid Entries:</b> 0	Recipient is not a household member
	1	Recipient is a household member



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Name	Description	File
TRERNHLY	Hourly earnings at main job (2 implied decimals)	Respondent File
	<b>Edited Universe:</b> TEERNHRY = 1	
	<b>Valid Entries:</b> 0 9999	Min Value Max Value
	<b>*Note</b> 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.	
Name	Description	File
TRERNUPD	Earnings update flag	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 0	Earnings carried forward from final CPS interview
	1	Earnings updated in ATUS
Name	Description	File
TRERNWA	Weekly earnings at main job (2 implied decimals)	Respondent File, Activity Summary File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 0 288461	Min Value Max Value
	<b>*Note</b> 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.	
Name	Description	File
TRHERNAL	TRERNHLY: allocation flag	Respondent File
	<b>Edited Universe:</b> TEERNHRY = 1	
	<b>Valid Entries:</b> 0	TRERNHLY does not contain allocated information
	1	TRERNHLY contains allocated information
Name	Description	File
TRHHCHILD	Presence of household children < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 1	Yes
	2	No

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TRHOLIDAY	Flag to indicate if diary day was a holiday	Respondent File, Activity Summary File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0	Diary day was not a holiday
		1
	<b>*Note</b>	New Year's Day, Easter, Memorial Day, the Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day are identified as holidays. If the interviewers did not work on the day following the holiday, data about that holiday were not collected.
Name	Description	File
TRIMIND1	Intermediate industry recode (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 1	Agriculture, forestry, fishing, and hunting
		2
		3
		4
		5
		6
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		8
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		21
	<b>*Note</b>	Beginning in the January 2020 ATUS, industry data were classified using the 2017 Census Industry Classification system. This system replaced the 2012 Census Industry Classification system.

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Name	Description	File
TRMJIND1	Major industry recode (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 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
	<b>*Note</b>	Beginning in the January 2020 ATUS, industry data were classified using the 2017 Census Industry Classification system. This system replaced the 2012 Census Industry Classification system.

Name	Description	File
TRMJOCC1	Major occupation recode (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 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
	<b>*Note</b>	Beginning in the January 2020 ATUS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. The 2020 occupation data are not strictly comparable to previous years.

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Name	Description	File
TRMJOCGR	Major occupation category (main job)	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2	
	<b>Valid Entries:</b> 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	
	<b>*Note</b> Beginning in the January 2020 ATUS, occupation data were classified using the 2018 Census Occupation Classification system. This system replaced the 2010 Census Occupation Classification system. The 2020 occupation data are not strictly comparable to previous years.	
Name	Description	File
TRNHHCHILD	Presence of own non-household child < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 1 Yes	
	2 No	
Name	Description	File
TRNUMHOU	Number of people living in respondent's household	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 1 Min Value 30 Max Value	
Name	Description	File
TROHHCHILD	Presence of own household children < 18	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 1 Yes	
	2 No	
Name	Description	File
TRSPFTPT	Full time or part time employment status of spouse or unmarried partner	Respondent File, Activity Summary File
	<b>Edited Universe:</b> TESPEMPNOT = 1	
	<b>Valid Entries:</b> 1 Full time	
	2 Part time	
	3 Hours vary	

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

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Name	Description	File
TRTCCC	Total nonwork-related time respondent spent with customers, clients, and coworkers (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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. TUWHO_CODE = (59, 60, 61, or 62) is included in this calculation (others may be present)	
Name	Description	File
TRTCCC_WK	Total work- and nonwork-related time respondent spent with customers, clients, and coworkers (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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, or 62) is included in this calculation (others may be present)	
Name	Description	File
TRTCCTOT	Total time spent during diary day providing secondary childcare for all children < 13 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
	<b>Edited Universe:</b> All activities	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTCCTOT_LN is the maximum for the activity of the following variables: TRTOHH_LN, TRTNOHH_LN, TRTONHH_LN, and TRTCOC_LN	
Name	Description	File
TRTCHILD	Total nonwork-related time respondent spent with household or nonhousehold children < 18 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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	

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Name	Description	File
TRTCOC	Total time spent during diary day providing secondary childcare for nonown, nonhousehold children < 13 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTCOC is the sum of all values of TRTCOC_LN for each TUCASEID	
Name	Description	File
TRTCOC_LN	Total time spent during activity providing secondary child care for nonown, nonhousehold children <13 (in minutes)	Activity File
	<b>Edited Universe:</b> All activities	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTCOC_LN is calculated using TUCC8. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 180301, 180302, 180303, 180401, 180402, or 180403. TXTCOC is the allocation flag for this variable.	
Name	Description	File
TRTEC	Total time spent providing eldercare (in minutes)	Respondent File, Activity Summary File
	<b>Edited Universe:</b> TUECYTD=1	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTEC is the sum of all values of TRTEC_LN for each tucaseid.  Excludes time spent in activities with codes = 01xxxx or 0805xx.	
Name	Description	File
TRTEC_LN	Time spent providing eldercare by activity (in minutes)	Activity File
	<b>Edited Universe:</b> TUEC24 = 1 or 96	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> Excludes time spent in activities with codes = 01xxxx or 0805xx	
Name	Description	File
TRTFAMILY	Total nonwork-related time respondent spent with family members (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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	

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Name	Description	File
TRTFRIEND	Total nonwork-related time respondent spent with friends (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
TRTHH	Total time spent during diary day providing secondary childcare for household children < 13 (in minutes)	Respondent File, Activity Summary File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTHH is the sum of all values of TRTHH_LN for each TUCASEID	
Name	Description	File
TRTHH_LN	Total time spent during activity providing secondary childcare for household children < 13 (in minutes)	Activity File
	<b>Edited Universe:</b> All activities for respondents with at least one household child < 13	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTHH_LN is the maximum for the activity of the following variables: TRTOHH_LN and TRTNOHH_LN	
Name	Description	File
TRTHHFAMILY	Total nonwork-related time respondent spent with household family members (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
TRTIER2	First and second activity tiers	Activity File
	<b>Edited Universe:</b> All activities	
	<b>*Note</b> This variable includes information from TUTIER1CODE and TUTIER2CODE	



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Name	Description	File
TRTNOCHILD	Total nonwork-related time respondent spent with nonown children < 18 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
TRTNOHH	Total time spent during diary day providing secondary childcare for nonown household children < 13 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTNOHH is the sum of all values of TRTNOHH_LN for each TUCASEID	
Name	Description	File
TRTNOHH_LN	Total time spent during activity providing secondary childcare for nonown household children < 13 (in minutes)	Activity File
	<b>Edited Universe:</b> All activities for respondents with at least one nonown household child < 13	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTNOHH_LN is calculated using TUCC5B. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, 180301, 180302, or 180303. 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.	
Name	Description	File
TRTO	Total time spent during diary day providing secondary childcare for own children < 13 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
	<b>Edited Universe:</b> All activities for respondents with at least one own child < 13	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTO_LN is the maximum for the activity of the following variables: TRTOHH_LN and TRTONHH_LN	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TRTOHH	Total time spent during diary day providing secondary childcare for own household children < 13 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTOHH is the sum of all values of TRTOHH_LN for each TUCASEID	
Name	Description	File
TRTOHH_LN	Total time spent during activity providing secondary childcare for own household children < 13 (in minutes)	Activity File
	<b>Edited Universe:</b> All activities for respondents with at least one own household child < 13	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTOHH_LN is calculated using TUCC5. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, 180301, 180302, or 180303. 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.	
Name	Description	File
TRTOHHCHILD	Total nonwork-related time respondent spent with own household children < 18 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
TRTONHH	Total time spent during diary day providing secondary childcare for own nonhousehold children < 13 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTONHH is the sum of all values of TRTONHH_LN for each TUCASEID	
Name	Description	File
TRTONHH_LN	Total time spent during activity providing secondary childcare for own nonhousehold children < 13 (in minutes)	Activity File
	<b>Edited Universe:</b> All activities for respondents with at least one own nonhousehold child < 13	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> TRTONHH_LN is calculated using TUCC7. It does not include activities with activity codes of 0101xx, 0301xx, 0302xx, 0303xx, 0401xx, 0402xx, 0403xx, 180301, 180302, 180303, 180401, 180402, or 180403. TXTONHH is the allocation flag for this variable.	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TRTONHHCHILD	Total nonwork-related time respondent spent with own nonhousehold children < 18 (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
TRTSPONLY	Total nonwork-related time respondent spent with spouse only (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
TRTSPOUSE	Total nonwork-related time respondent spent with spouse (others may be present) (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
TRTUNMPART	Total nonwork-related time respondent spent with unmarried partner (others may be present) (in minutes)	Respondent File
	<b>Edited Universe:</b> All respondents	
	<b>Valid Entries:</b> 0 1440	Min Value Max Value
	<b>*Note</b> 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
TRWERNAL	TRERNWA: allocation flag	Respondent File
	<b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5	
	<b>Valid Entries:</b> 0	TRERNWA does not contain allocated information
	1	TRERNWA contains allocated information

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description		File
TRWHONA	Who information not asked for activity		Who File
	<b>Edited Universe:</b>	All activities	
	<b>Valid Entries:</b>	0	TUWHO_CODE asked
		1	TUWHO_CODE not asked
Name	Description		File
TRYHHCHILD	Age of youngest household child < 18		Respondent File, Activity Summary File
	<b>Edited Universe:</b>	TRHHCHILD = 1	
	<b>Valid Entries:</b>	0	Min Value
		17	Max Value
Name	Description		File
TTHR	Hourly pay topcode flag		Respondent File
	<b>Valid Entries:</b>	0	Not topcoded
		1	Topcoded
	<b>*Note</b>	Indicates topcoding of hourly pay in earnings variables	
Name	Description		File
TTOT	Overtime amount topcode flag		Respondent File
	<b>Valid Entries:</b>	0	Not topcoded
		1	Topcoded
	<b>*Note</b>	Indicates topcoding of overtime pay in earnings variables	
Name	Description		File
TTWK	Weekly earnings topcode flag		Respondent File
	<b>Valid Entries:</b>	0	Not topcoded
		1	Topcoded
	<b>*Note</b>	Indicates topcoding of weekly pay in earnings variables	
Name	Description		File
TU20FWGT	ATUS final weight for 2020 data		Respondent File, Activity Summary File
	<b>Valid Entries:</b>	1	Min Value
		999999999	Max Value
	<b>*Note</b>	<p>When using the 2020 ATUS data, researchers need to use the weighting variable TU20FWGT instead of TUFINLWGT.</p> <p>The usual annual final weight [TUFINLWGT] does not appear on the 2020 ATUS Respondent or Activity Summary file.</p> <p>For more information about TU20FWGT and TUFINLWGT, see chapter 7 of the ATUS User's Guide.</p>	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File	
TUABSOT	In the last seven days, did you have a job either full or part time?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No
		3	Retired
		4	Disabled
		5	Unable to work
Name	Description	File	
TUACTDUR	Duration of activity in minutes (last activity not truncated at 4:00 a.m.)	Activity File	
	<b>Valid Entries:</b>	1	Min Value
		9999	Max Value
Name	Description	File	
TUACTDUR24	Duration of activity in minutes (last activity truncated at 4:00 a.m.)	Activity File	
	<b>Valid Entries:</b>	1	Min Value
		1440	Max Value
Name	Description	File	
TUACTIVITY_N	Activity line number	Activity File, Who File, EH Activity File	
	<b>Valid Entries:</b>	1	Min Value
		91	Max Value
Name	Description	File	
TUBUS	Does anyone in the household own a business or a farm?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No
Name	Description	File	
TUBUS1	In the last seven days, did you do any unpaid work in the family business or farm?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No
Name	Description	File	
TUBUS2OT	Do you receive payments or profits from the business?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No
Name	Description	File	
TUBUSL1	TULINENO of farm or business owner (first owner)	Respondent File	
	<b>Valid Entries:</b>	0	Min Value
		30	Max Value

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TUBUSL2	TULINENO of farm or business owner (second owner)	Respondent File
	<b>Valid Entries:</b> 0 30	Min Value Max Value
Name	Description	File
TUBUSL3	TULINENO of farm or business owner (third owner)	Respondent File
	<b>Valid Entries:</b> 0 30	Min Value Max Value
Name	Description	File
TUBUSL4	TULINENO of farm or business owner (fourth owner)	Respondent File
	<b>Valid Entries:</b> 0 30	Min Value Max Value
Name	Description	File
TUCASEID	ATUS Case ID (14-digit identifier)	All Files
Name	Description	File
TUCC2	Time first household child < 13 woke up	Respondent File
	<b>Valid Entries:</b> 00:00:00 24:00:00	Min Value Max Value
Name	Description	File
TUCC4	Time last household child < 13 went to bed	Respondent File
	<b>Valid Entries:</b> 00:00:00 24:00:00	Min Value Max Value
Name	Description	File
TUCC5	Was at least one of your own household children < 13 in your care during this activity?	Activity File
	<b>Valid Entries:</b> 0	No
	1	Yes
	97	No additional activities involved childcare
Name	Description	File
TUCC5_CK	Reason respondent did not report secondary childcare activities for own household children	Respondent File
	<b>Valid Entries:</b> 1	No secondary childcare activities
	2	Respondent didn` t know
	3	Respondent refused to answer
	4	Child was away from home yesterday
	5	Respondent was away from home yesterday

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File	
TUCC5B	Was at least one of your non-own household children < 13 in your care during this activity?	Activity File	
	<b>Valid Entries:</b>	0	No
		1	Yes
		97	No additional activities involved childcare
Name	Description	File	
TUCC5B_CK	Reason respondent did not report secondary childcare activities for non-own household children	Respondent File	
	<b>Valid Entries:</b>	1	No secondary childcare activities
		2	Respondent didn't know
		3	Respondent refused to answer
		4	Child was away from home yesterday
		5	Respondent was away from home yesterday
Name	Description	File	
TUCC7	Was at least one of your own non-household children < 13 in your care during this activity?	Activity File	
	<b>Valid Entries:</b>	0	No
		1	Yes
		97	No additional activities involved childcare
Name	Description	File	
TUCC8	Other than household or own non-household children < 13, was there a child 0-12 in your care during this activity?	Activity File	
	<b>Valid Entries:</b>	0	No
		1	Yes
		97	No additional activities involved childcare
Name	Description	File	
TUCC9	Are the non-own, non-household children you cared for in TUCC8 related to you?	Respondent File	
	<b>Valid Entries:</b>	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 TUACTIONDUR for each TUCASEID)	Activity File	
	<b>Valid Entries:</b>	1	Min Value
		9999	Max Value

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File	
TUCUMDUR24	Cumulative duration of activity lengths in minutes; last activity truncated at 4:00am or 1440 minutes (cumulative total of TUACTIONDUR24 for each TUCASEID)	Activity File	
	<b>Valid Entries:</b>	1 1440	Min Value Max Value
Name	Description	File	
TUDIARYDATE	Date of diary day (date about which the respondent was interviewed)	Respondent File	
	<b>Valid Entries:</b>	20200101 20201230	Min Value Max Value
	<b>*Note</b>	TUDIARYDATE is in YYYYMMDD format	
Name	Description	File	
TUDIARYDAY	Day of the week of diary day (day of the week about which the respondent was interviewed)	Respondent File, Activity Summary File	
	<b>Valid Entries:</b>	1	Sunday
		2	Monday
		3	Tuesday
		4	Wednesday
		5	Thursday
		6	Friday
		7	Saturday
Name	Description	File	
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	
	<b>Valid Entries:</b>	1	Yes
		2	No
		3	Did not have a disability last time
Name	Description	File	
TUDIS1	Does your disability prevent you from accepting any kind of work during the next six months?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No
Name	Description	File	
TUDIS2	Do you have a disability that prevents you from accepting any kind of work during the next six months?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No



2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description		File
TUDURSTOP	Method for reporting activity duration		Activity File
	<b>Valid Entries:</b>	1	Activity duration was entered
		2	Activity stop time was entered
Name	Description		File
TUEC24	At which times or during which activities did you provide that care or assistance yesterday?		Activity File
	<b>Valid Entries:</b>	1	Activity identified as eldercare
		96	All day
		97	No more activities
Name	Description		File
TUECLNO	Line number of eldercare recipient		EC Roster File
	<b>Valid Entries:</b>	2	Min Value
		35	Max Value
	<b>*Note</b>	If recipient is a household member, TUECLNO = TULINENO; if not a household member, TUECLNO = new line numbers (last tulineno+1)	
Name	Description		File
TUECYTD	Did you provide any eldercare or assistance yesterday?		Respondent File
	<b>Valid Entries:</b>	1	Yes
		2	No
Name	Description		File
TUELDER	Not including financial assistance or help you provided as part of your paid job, since the first of [REF_MONTH], have you provided any care of assistance for an adult who needed help because of a condition related to aging?		Respondent File
	<b>Valid Entries:</b>	1	Yes
		2	No
	<b>*Note</b>	The reference month is 3 months prior to the interview. For example, if the interview took place on March 15, the reference month would be December.	
Name	Description		File
TUELFREQ	How often did you provide this care?		Respondent File
	<b>Valid Entries:</b>	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

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File															
TUELNUM	Since the first of [REF_MONTH], how many people have you provided this care to?	Respondent File															
	<table border="1"> <tr> <td><b>Valid Entries:</b></td> <td>0</td> <td>Min Value</td> </tr> <tr> <td></td> <td>5</td> <td>Max Value</td> </tr> </table>	<b>Valid Entries:</b>	0	Min Value		5	Max Value										
<b>Valid Entries:</b>	0	Min Value															
	5	Max Value															
	<p><b>*Note</b> The reference month is 3 months prior to the interview. For example, if the interview took place March 15, the reference month is December.</p> <p>TUELNUM is topcoded at 5 recipients.</p>																
Name	Description	File															
TUERN2	Weekly overtime earnings (2 implied decimals)	Respondent File															
	<table border="1"> <tr> <td><b>Valid Entries:</b></td> <td>0</td> <td>Min Value</td> </tr> <tr> <td></td> <td>288461</td> <td>Max Value</td> </tr> </table>	<b>Valid Entries:</b>	0	Min Value		288461	Max Value										
<b>Valid Entries:</b>	0	Min Value															
	288461	Max Value															
Name	Description	File															
TUERNH1C	What is your hourly rate of pay on this job, excluding overtime pay, tips, or commissions? (2 implied decimals)	Respondent File															
	<table border="1"> <tr> <td><b>Valid Entries:</b></td> <td>0</td> <td>Min Value</td> </tr> <tr> <td></td> <td>9999</td> <td>Max Value</td> </tr> </table>	<b>Valid Entries:</b>	0	Min Value		9999	Max Value										
<b>Valid Entries:</b>	0	Min Value															
	9999	Max Value															
	<p><b>*Note</b> Only asked if the respondent indicates that the recorded hourly rate read back by the interviewer is not correct</p>																
Name	Description	File															
TUFINLWGT	ATUS final weight																
	<table border="1"> <tr> <td><b>Valid Entries:</b></td> <td>0</td> <td>Min Value</td> </tr> <tr> <td></td> <td>9999999999</td> <td>Max Value</td> </tr> </table>	<b>Valid Entries:</b>	0	Min Value		9999999999	Max Value										
<b>Valid Entries:</b>	0	Min Value															
	9999999999	Max Value															
	<p><b>*Note</b> TUFINLWGT is not on the 2020 Respondent or Activity Summary file.</p> <p>When using the 2020 ATUS data, researchers need to use the weighting variable TU20FWGT instead of TUFINLWGT.</p> <p>For more information about TU20FWGT and TUFINLWGT, see chapter 7 of the ATUS User's Guide.</p>																
Name	Description	File															
TUFWK	In the last seven days did you do any work for pay or profit?	Respondent File															
	<table border="1"> <tr> <td><b>Valid Entries:</b></td> <td>1</td> <td>Yes</td> </tr> <tr> <td></td> <td>2</td> <td>No</td> </tr> <tr> <td></td> <td>3</td> <td>Retired</td> </tr> <tr> <td></td> <td>4</td> <td>Disabled</td> </tr> <tr> <td></td> <td>5</td> <td>Unable to work</td> </tr> </table>	<b>Valid Entries:</b>	1	Yes		2	No		3	Retired		4	Disabled		5	Unable to work	
<b>Valid Entries:</b>	1	Yes															
	2	No															
	3	Retired															
	4	Disabled															
	5	Unable to work															

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File	
TUIO1MFG	Is this business or organization mainly manufacturing, retail trade, wholesale trade, or something else? (main job)	Respondent File	
	<b>Valid Entries:</b>	1	Manufacturing
		2	Retail trade
		3	Wholesale trade
		4	Something else
Name	Description	File	
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	
	<b>Valid Entries:</b>	1	Yes
		2	No
Name	Description	File	
TUIODP2	Have the usual activities and duties of your job changed since (month of CPS interview)? (main job)	Respondent File	
	<b>Valid Entries:</b>	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	
	<b>Valid Entries:</b>	1	Yes
		2	No
Name	Description	File	
TULAY	During the last seven days were you on layoff from your job?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No
		3	Retired
		4	Disabled
		5	Unable to work
Name	Description	File	
TULAY6M	Have you been given any indication that you will be recalled to work within the next 6 months?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TULAYAVR	Why could you not have started a job in the last week?	Respondent File
	<b>Valid Entries:</b> 1 Own temporary illness	
	2 Going to school	
	3 Other	
Name	Description	File
TULAYDT	Has your employer given you a date to return to work? (to layoff job)	Respondent File
	<b>Valid Entries:</b> 1 Yes	
	2 No	
Name	Description	File
TULINENO	ATUS person line number	ATUS-CPS File, Respondent File, Roster File, Who File, EC Roster File
	<b>Valid Entries:</b> 1 Min Value 30 Max Value	
	<b>*Note</b> The person selected to be interviewed for ATUS is always TULINENO = 1	
Name	Description	File
TULK	Have you been doing anything to find work during the last four weeks?	Respondent File
	<b>Valid Entries:</b> 1 Yes	
	2 No	
	3 Retired	
	4 Disabled	
	5 Unable to work	
Name	Description	File
TULKAVR	Why could you not have started a job last week?	Respondent File
	<b>Valid Entries:</b> 1 Waiting for new job to begin	
	2 Own temporary illness	
	3 Going to school	
	4 Other	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description		File
TULKDK1	You said you have been trying to find work. How did you go about looking? (first method)		Respondent File
	<b>Valid Entries:</b>	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
	<b>*Note</b>	In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
Name	Description		File
TULKDK2	TULKDK1 text: (second method)		Respondent File
	<b>Valid Entries:</b>	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
	<b>*Note</b>	In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
Name	Description		File
TULKDK3	TULKDK1 text: (third method)		Respondent File
	<b>Valid Entries:</b>	1	Min Value
		97	Max Value
	<b>*Note</b>	See valid values for TULKDK2	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description		File
TULKDK4	TULKDK1 text: (fourth method)		Respondent File
	<b>Valid Entries:</b>	1 97	Min Value Max Value
	<b>*Note</b>	See valid values for TULKDK2	
Name	Description		File
TULKDK5	TULKDK1 text: (fifth method)		Respondent File
	<b>Valid Entries:</b>	1 97	Min Value Max Value
	<b>*Note</b>	See valid values for TULKDK2	
Name	Description		File
TULKDK6	TULKDK1 text: (sixth method)		Respondent File
	<b>Valid Entries:</b>	1 97	Min Value Max Value
	<b>*Note</b>	See valid values for TULKDK2	
Name	Description		File
TULKM2	What are all of the things you have done to find work during the last 4 weeks? (second method)		Respondent File
	<b>Valid Entries:</b>	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
	<b>*Note</b>	In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	
Name	Description		File
TULKM3	TULKM2 text: (third method)		Respondent File
	<b>Valid Entries:</b>	1 97	Min Value Max Value
	<b>*Note</b>	See valid values for TULKM2	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description		File
TULKM4	TULKM2 text: (fourth method)		Respondent File
	<b>Valid Entries:</b>	1 97	Min Value Max Value
	<b>*Note</b>	See valid values for TULKM2	
Name	Description		File
TULKM5	TULKM2 text: (fifth method)		Respondent File
	<b>Valid Entries:</b>	1 97	Min Value Max Value
	<b>*Note</b>	See valid values for TULKM2	
Name	Description		File
TULKM6	TULKM2 text: (sixth method)		Respondent File
	<b>Valid Entries:</b>	1 97	Min Value Max Value
	<b>*Note</b>	See valid values for TULKM2	
Name	Description		File
TULKPS1	Can you tell me more about what you did to search for work? (first method)		Respondent File
	<b>Valid Entries:</b>	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
		97	No more job search activities
	<b>*Note</b>	In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TULKPS2	TULKPS1 text: (second method)	Respondent File
	<b>Valid Entries:</b>	
	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
	<b>*Note</b>	In order to research job search methods, users must combine all fields TELKM1, TULKM2 - TULKM6, TULKDK1 - TULKDK6, and TULKPS1 - TULKPS6
Name	Description	File
TULKPS3	TULKPS1 text: (third method)	Respondent File
	<b>Valid Entries:</b>	
	1	Min Value
	97	Max Value
	<b>*Note</b>	See valid values for TULKPS2
Name	Description	File
TULKPS4	TULKPS1 text: (fourth method)	Respondent File
	<b>Valid Entries:</b>	
	1	Min Value
	97	Max Value
	<b>*Note</b>	See valid values for TULKPS2
Name	Description	File
TULKPS5	TULKPS1 text: (fifth method)	Respondent File
	<b>Valid Entries:</b>	
	1	Min Value
	97	Max Value
	<b>*Note</b>	See valid values for TULKPS2
Name	Description	File
TULKPS6	TULKPS1 text: (sixth method)	Respondent File
	<b>Valid Entries:</b>	
	1	Min Value
	97	Max Value
	<b>*Note</b>	See valid values for TULKPS2
Name	Description	File
TUMONTH	Month of diary day (month of day about which ATUS respondent was interviewed)	Respondent File
	<b>Valid Entries:</b>	
	1	Min Value
	12	Max Value



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Name	Description	File	
TURETOT	The last time we spoke to someone in this household you were reported to be retired. Are you still retired?	Respondent File	
	<b>Valid Entries:</b>	1	Yes
		2	No
		3	Was not retired last time
Name	Description	File	
TUSPABS	In the last seven days, did your spouse or unmarried partner have a job either full or part time?	Respondent File	
	<b>Valid Entries:</b>	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 hours or more per week?	Respondent File	
	<b>Valid Entries:</b>	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	
	<b>Valid Entries:</b>	1	Yes
		2	No
		3	Retired
		4	Disabled
		5	Unable to work
Name	Description	File	
TUSTARTTIM	Activity start time	Activity File	
	<b>Valid Entries:</b>	00:00:00	Min Value
		24:00:00	Max Value
Name	Description	File	
TUSTOPTIME	Activity stop time	Activity File	
	<b>Valid Entries:</b>	00:00:00	Min Value
		24:00:00	Max Value

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Name	Description			File
TUTIER1CODE	Lexicon Tier 1: 1st and 2nd digits of 6-digit activity code			Activity File
	<b>Valid Entries:</b>	01 50	Min Value Max Value	
	<b>*Note</b>	Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.		
Name	Description			File
TUTIER2CODE	Lexicon Tier 2: 3rd and 4th digits of 6-digit activity code			Activity File
	<b>Valid Entries:</b>	01 99	Min Value Max Value	
	<b>*Note</b>	Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.		
Name	Description			File
TUTIER3CODE	Lexicon Tier 3: 5th and 6th digits of 6-digit activity code			Activity File
	<b>Valid Entries:</b>	01 99	Min Value Max Value	
	<b>*Note</b>	Six-digit activity codes are created by combining TUTIER1CODE, TUTIER2CODE, and TUTIER3CODE.		

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Name	Description	File
TUWHO_CODE	Who was in the room with you / Who accompanied you?	Who File
	<b>Valid Entries:</b>	
	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 18 and older (including parents-in-law)
	54	Friends
	56	Neighbors/acquaintances
	57	Other nonhousehold children < 18
	58	Other nonhousehold adults 18 and older
	59	Boss or manager
	60	People whom I supervise
	61	Co-workers
	62	Customers
	<b>*Note</b>	Not collected for activities with activity codes of 0101xx, 0102xx, 0104xx, 500105, or 500106. Also not collected for 060101 if respondent is enrolled in high school (TESCHLVL = 1). There is no distinction between 18 and 19. All codes of 40 or greater refer to people living outside of the respondent's household.

Name	Description	File
TUYEAR	Year of diary day (year of day about which respondent was interviewed)	Respondent File
	<b>Valid Entries:</b>	
	2020	Min Value
	2020	Max Value
Name	Description	File
TXABSRN	TEABSRN: allocation flag	Respondent File
	<b>Valid Entries:</b>	
	0	Min Value
	53	Max Value
	<b>*Note</b>	See Introduction for allocation flag values

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Name	Description	File
TXAGE	TEAGE: allocation flag	Roster File
	<b>Valid Entries:</b>	
	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
	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
	<b>*Note</b>	There are two valid values (60 and 61) that are only valid for TXAGE and TXAGE_EC

**\*Note** There are two valid values (60 and 61) that are only valid for TXAGE and TXAGE\_EC

Name	Description	File
TXAGE_EC	TEAGE_EC: allocation flag	EC Roster File
	<b>Valid Entries:</b>	
	0	Min Value
	61	Max Value
	<b>*Note</b>	See TXAGE for allocation flag values

Name	Description	File
TXELDUR	TEELDUR: allocation flag	EC Roster File
	<b>Valid Entries:</b>	
	0	Min Value
	53	Max Value
	<b>*Note</b>	See Introduction for allocation flag values

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Name	Description	File
TXELWHO	TEELWHO: allocation flag	EC Roster File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXELYRS	TEELYRS: allocation flag	EC Roster File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXERN	TEERN: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXERNH10	TEERNH10: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXERNH2	TEERNH2: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXERNHRO	TEERNHRO: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXERNHRY	TEERNHRY: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXERNPER	TEERNPER: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description			File
TXERNRT	TEERNRT: allocation flag			Respondent File
	<b>Valid Entries:</b>	0 53	Min Value Max Value	
	<b>*Note</b>	See Introduction for allocation flag values		
TXERNUOT	TEERNUOT: allocation flag			Respondent File
	<b>Valid Entries:</b>	0 53	Min Value Max Value	
	<b>*Note</b>	See Introduction for allocation flag values		
TXERNWKP	TEERNWKP: allocation flag			Respondent File
	<b>Valid Entries:</b>	0 53	Min Value Max Value	
	<b>*Note</b>	See Introduction for allocation flag values		
TXHRFTPT	TEHRFTPT: allocation flag			Respondent File
	<b>Valid Entries:</b>	0 53	Min Value Max Value	
	<b>*Note</b>	See Introduction for allocation flag values		
TXHRUSL1	TEHRUSL1: allocation flag			Respondent File
	<b>Valid Entries:</b>	0 53	Min Value Max Value	
	<b>*Note</b>	See Introduction for allocation flag values		
TXHRUSL2	TEHRUSL2: allocation flag			Respondent File
	<b>Valid Entries:</b>	0 53	Min Value Max Value	
	<b>*Note</b>	See Introduction for allocation flag values		
TXHRUSLT	TEHRUSLT: allocation flag			Respondent File
	<b>Valid Entries:</b>	0 53	Min Value Max Value	
	<b>*Note</b>	See Introduction for allocation flag values		
TXIO1COW	TEIO1COW: allocation flag			Respondent File
	<b>Valid Entries:</b>	0 53	Min Value Max Value	
	<b>*Note</b>	See Introduction for allocation flag values		

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TXIO1ICD	TEIO1ICD: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXIO1OCD	TEIO1OCD: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXLAYAVL	TELAYAVL: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXLAYLK	TELAYLK: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXLFS	TELFS: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXLKAVL	TELKAVL: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXLKM1	TELKM1: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXMJOT	TEMJOT: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description	File
TXRET1	TERET1: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXRRP	TERRP: allocation flag	Roster File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXSCHENR	TESCHENR: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXSCHFT	TESCHFT: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXSCHLVL	TESCHLVL: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXSEX	TESEX: allocation flag	Roster File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXSPEMPNOT	TESPEMPNOT: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	
Name	Description	File
TXSPUHS	TESPUHS: allocation flag	Respondent File
	<b>Valid Entries:</b> 0 53	Min Value Max Value
	<b>*Note</b> See Introduction for allocation flag values	



2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description		File
TXTCC	TRTCC_LN and TRTCC: allocation flag		Respondent File
	<b>Valid Entries:</b>	0	TRTCC_LN and TRTCC do not contain allocated data
		1	TRTCC_LN and TRTCC contain allocated data
	<b>*Note</b>	A value of 1 indicates that at least one of the following variables is allocated: TRTOHH_LN, TRTNOHH_LN, or TRTONHH_LN	
Name	Description		File
TXTCTOT	TRTCTOT_LN and TRTCTOT: allocation flag		Respondent File
	<b>Valid Entries:</b>	0	TRTCTOT_LN and TRTCTOT do not contain allocated data
		1	TRTCTOT_LN and TRTCTOT contain allocated data
	<b>*Note</b>	A value of 1 indicates that at least one of the following variables is allocated: TRTCOC_LN, TRTOHH_LN, TRTNOHH_LN, or TRTONHH_LN	
Name	Description		File
TXTCOC	TRTCOC_LN and TRTCOC: allocation flag		Respondent File
	<b>Valid Entries:</b>	0	TRTCOC_LN and TRTCOC do not contain allocated data
		1	TRTCOC_LN and TRTCOC contain allocated data
	<b>*Note</b>	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, 180301, 180302, 180303, 180401, 180402, or 180403.	
Name	Description		File
TXTHH	TRTHH_LN and TRTHH: allocation flag		Respondent File
	<b>Valid Entries:</b>	0	TRTHH_LN and TRTHH do not contain allocated data
		1	TRTHH_LN and TRTHH contain allocated data
	<b>*Note</b>	A value of 1 indicates that at least one of the following variables is allocated: TRTOHH_LN or TRTNOHH_LN	
Name	Description		File
TXTNOHH	TRTNOHH_LN and TRTNOHH: allocation flag		Respondent File
	<b>Valid Entries:</b>	0	TRTNOHH_LN and TRTNOHH do not contain allocated data
		1	TRTNOHH_LN and TRTNOHH contain allocated data
	<b>*Note</b>	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, 180301, 180302, or 180303. They also do not include any activities or parts of any activities in which no household child was awake (determined by TUCC2 and TUCC4).	
Name	Description		File
TXTO	TRTO_LN and TRTO: allocation flag		Respondent File
	<b>Valid Entries:</b>	0	TRTO_LN and TRTO do not contain allocated data
		1	TRTO_LN and TRTO contain allocated data
	<b>*Note</b>	A value of 1 indicates that at least one of the following variables is allocated: TRTOHH_LN or TRTONHH_LN	

2020 ATUS Data Dictionary: Public ATUS Interview Data

Name	Description		File
TXTOHH	TRTOHH_LN and TRTOHH: allocation flag		Respondent File
	<b>Valid Entries:</b>	0	TRTOHH_LN and TRTOHH do not contain allocated data
		1	TRTOHH_LN and TRTOHH contain allocated data
	<b>*Note</b>	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, 180301, 180302, or 180303. They also do not include any activities or parts of any activities in which no household child was awake (determined by TUCC2 and TUCC4).	
Name	Description		File
TXTONHH	TRTONHH_LN and TRTONHH: allocation flag		Respondent File
	<b>Valid Entries:</b>	0	TRTONHH_LN and TRTONHH do not contain allocated data
		1	TRTONHH_LN and TRTONHH contain allocated data
	<b>*Note</b>	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, 180301, 180302, 180303, 180401, 180402, or 180403.	
Name	Description		File
TXWHERE	TEWHERE: allocation flag		Activity File
	<b>Valid Entries:</b>	0	Min Value
		53	Max Value
	<b>*Note</b>	See Introduction for allocation flag values	

## APPENDIX A

### Detailed Industry Code using the 2017 Census Industry Classification System (Starting January 2020) (TRDTIND1)

TRDTIND1	Description	TEIO1ICD
1	Agriculture	0170-0180, 0290
2	Forestry, logging, fishing, hunting, and trapping	0190-0280
3	Mining, quarrying, and oil and gas extraction	0370-0490
4	Construction	770
5	Nonmetallic mineral product manufacturing	2470-2590
6	Primary metals and fabricated metal products	2670-2990
7	Machinery manufacturing	3070-3291
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	6991, 6692
34	Real estate	7071, 7072
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	8191, 8192
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	8770-8891
48	Personal and laundry services	8970-9090
49	Membership associations and organizations	9160-9190
50	Private households	9290
51	Public administration	9370-9590

**Detailed Occupation Codes using the 2018 Census Occupation Classification system (Starting January 2020)  
(TRDTOCC1)**

<b>TRDTOCC1</b>	<b>Description</b>	<b>Census Occupation Code TEIO1OCD</b>
1	Management Occupations	0010–0440
2	Business and financial operations occupations	0500–0960
3	Computer and mathematical science occupations	1000–1240
4	Architecture and engineering occupations	1300–1560
5	Life, Physical, and social science occupations	1600–1980
6	Community and social service occupations	2000–2060
7	Legal occupations	2100–2180
8	Educational instruction and library occupations	2200–2555
9	Arts, design, entertainment, sports, and media occupations	2600–2970
10	Healthcare practitioner and technical occupations	3000–3550
11	Healthcare support occupations	3600–3655
12	Protective service occupations	3700–3960
13	Food preparation and serving related occupations	4000–4160
14	Building and grounds cleaning and maintenance occupations	4200–4255
15	Personal care and service occupations	4300–4655
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	6200–6950
20	Installation, maintenance, and repair occupations	7000–7640
21	Production occupations	7700–8990
22	Transportation and material moving occupations	9000–9760

**Industry Codes (TEIO1ICD)**

2017 Census Industry Codes available at [www.bls.gov/tus/census17icodes.pdf](http://www.bls.gov/tus/census17icodes.pdf)

**Occupation Codes (TEIO1OCD)**

2018 Census Occupation Classification Codes available at [www.bls.gov/tus/census18ocodes.pdf](http://www.bls.gov/tus/census18ocodes.pdf)