

# American Time Use Survey (ATUS) Data Dictionary:

2003-20 Interview Data

Variables collected in ATUS

July 2021

## 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/covid19tech.htm](http://www.bls.gov/tus/covid19tech.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 multi-year ATUS data files: the Respondent file, the Roster file, the Activity file, the Who file, the Eldercare Respondent file, and the Activity Summary file. These files contain information collected and assigned in the 2003 to 2020 ATUS interviews. This data dictionary differs from individual year data dictionaries because it describes files that have data from multiple years.

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

Three additional data dictionaries describe other ATUS data files:

- **ATUS-CPS Data Dictionary:** Describes the variables available on the ATUS-CPS file as well as some variables on the Activity Summary file. The ATUS-CPS file contains data from the Current Population Survey (CPS) for persons selected to be surveyed for the ATUS and for members of their households. (The information on the ATUS-CPS file was collected two to five months before the ATUS interview and in some cases was out of date at the time the ATUS was conducted.) This dictionary is available for both multi-year and single-year ATUS-CPS data files.
- **Survey Methodology Data Dictionary:** Describes the variables available on the Case History file and the Call History file. This data dictionary is available for single-year Case History and Call History files and there is a multi-year Survey Methods Data Dictionary describing the variables available on the 2005-20 Case History file. There is no multi-year file for the Call History files.
- **Trips Data Dictionary:** Starting in 2011, the trips questions were replaced by the eldercare questions. The data dictionary describes the variables on the Trips files, which are available for the years, 2005-10. This data dictionary is only available for single-year Trips files because there are no multi-year Trips files.

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

**ATUS Interview Data Files**

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

1. 2003-20 ATUS Respondent File

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

There is one record for each ATUS respondent.

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

| TUCASEID       | TULINENO | TESCHENR | TELS | 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. 2003-20 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, and TUCASEID 20200101020211 and TUCASEID 20200101020212 each have 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    |
| 20200101020212 | 1        | 18    | 2     | 21    |

3. 2003-20 ATUS Activity File

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

A simplified example of the ATUS Activity file appears below. This is an illustration of part of one respondent’s day. Because only one person is interviewed per household, each TUCASEID on the Activity file identifies a respondent. Each activity is identified by an activity number (TUACTIONITY\_N). The ATUS Activity file contains more variables describing each activity as well as many more lines than does the example below. Due to changes made to the activity lexicons in the early years of the ATUS, activity codes appear on the 2003-20 Activity file that do not appear on the single-year Activity files. A new 2003-20 Activity Coding lexicon is available at [www.bls.gov/tus/lexiconnoex0320.pdf](http://www.bls.gov/tus/lexiconnoex0320.pdf) with codes that appear on the 2003-20 Activity file.

| TUCASEID       | TUACTIONITY_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. 2003-20 ATUS Who File

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

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

A simplified example appears below. In the first activity (TUACTIONITY\_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 TUACTIONITY\_N = 2. Three people were with the respondent during the third activity, so there are three lines for TUACTIONITY\_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       | TUACTIONITY_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. 2011-20 ATUS Eldercare Roster File (introduced in 2011)

The ATUS Eldercare Roster file contains information about people for whom the respondent provided care. If the respondent indicated that she had provided eldercare more than once during the past 3 to 4 months, additional information about each eldercare recipient is collected. (The time frame varied slightly by respondent because the question asked about care provided between the 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. 2003-20 ATUS Activity Summary File

The ATUS Activity Summary file contains information about the total number of minutes each respondent spent doing each activity. The file also includes selected variables from the ATUS Respondent, ATUS Roster, and ATUS-CPS files. **The Activity Summary file contains variables not described in this data dictionary. Variables beginning with a lower-case “t” correspond to specific activity codes; definitions for each activity code can be found in the 2003-20 Activity Lexicon ([www.bls.gov/tus/lexiconnoex0320.pdf](http://www.bls.gov/tus/lexiconnoex0320.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 (TUFNWGTP).  |
| E            | Edited Variable   | An edited variable is one that has gone through an editing process (a process checking for consistency). Values of edited variables are almost always equal to values of the corresponding unedited variables. Data differ when a value is allocated or imputed by the processing system based on allocation rules specified in CPS or ATUS processing. Allocations are typically performed when the unedited variable contains a value of blank, "don't know," or "refused."<br><br>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 nonwork-related time the respondent spent alone on the diary day. Variables that summarize the amount of time respondents spent with other people rely on “who” code information and therefore do not include activities for which no “who” code information was collected, such as sleeping.  |
| 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
- The final part of the variable name, “AGE,” is descriptive

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

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



to identify individual respondents. In addition, some variables available on the single-year data files are not available on the 2003-20 files as a way to keep file sizes manageable. These variables are listed in Appendices B, C, D, E and F.

### Allocation Flags

The 2003-20 ATUS Interview files contain two allocation flags: TRHERNAL and TRWERNAL. These allocation flags were included because of the frequency with which earnings variables are allocated in the ATUS. All other allocation flags appear only on the single-year ATUS Interview files and *not* on the multi-year files. For more information on these allocation flags, please see the single-year Interview data dictionaries, available online at [www.bls.gov/tus/dictionaries.htm](http://www.bls.gov/tus/dictionaries.htm).

### Edited Universe

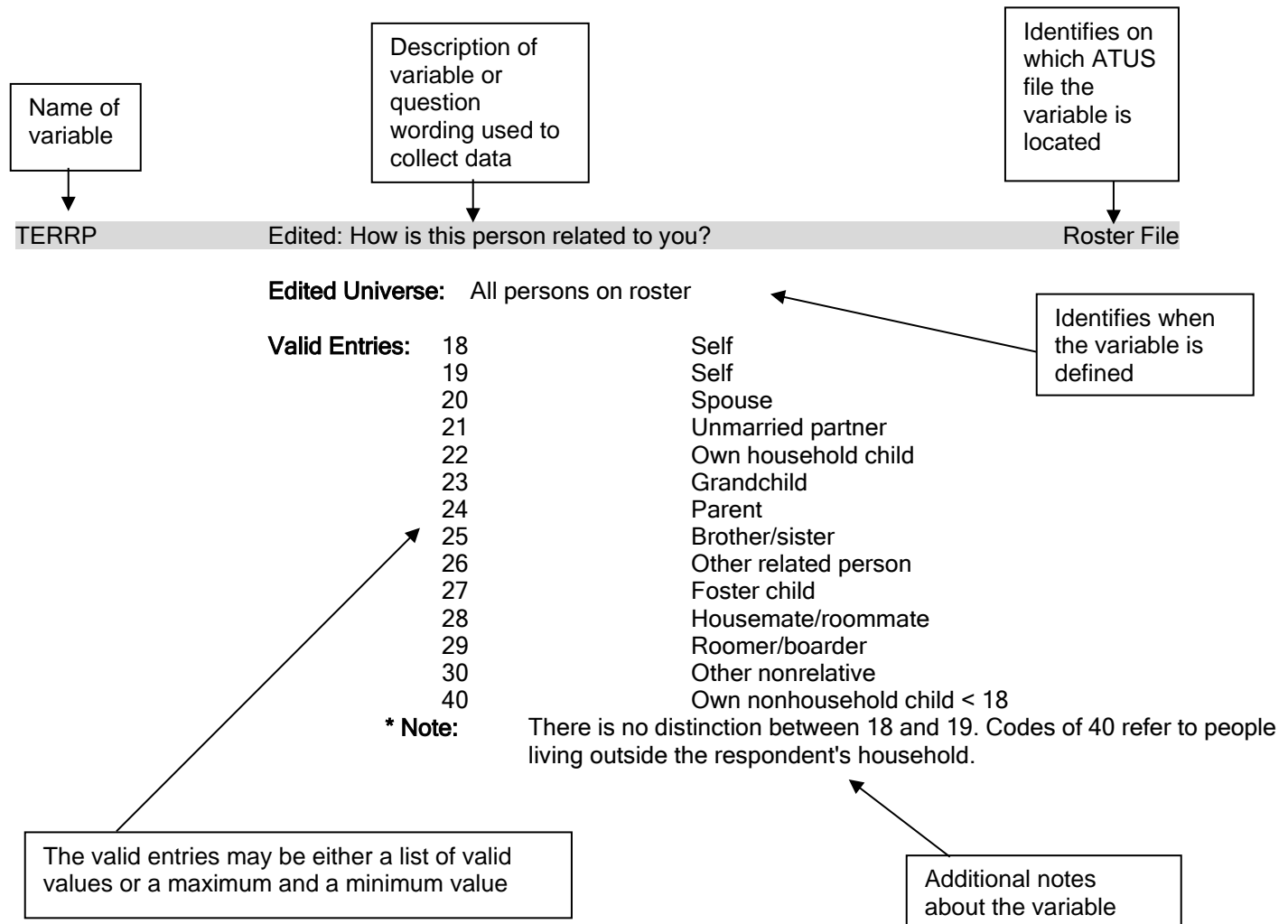
Edited variables and recodes are defined for certain universes, and these are listed in the data dictionary. For example, TEIO1OCD (occupation code) is only defined when the respondent is employed. Therefore, the universe for TEIO1OCD is TELFS = 1 or 2 (TELFs is the labor force status of the respondent,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

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

### Organization of the Data Dictionary

Variables are listed in the data dictionary in alphabetical order.

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



### Frequently Used Variables

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

### Changes between years of ATUS data

Those using the multi-year files should be aware of changes to ATUS survey methods between years—such as new, discontinued, and changed variables—as well as differences in activity codes between years. For a list of these changes, see the document describing ATUS changes ([www.bls.gov/tus/changes.pdf](http://www.bls.gov/tus/changes.pdf)). Note that the multi-year files have their own Activity Coding Lexicon ([www.bls.gov/tus/lexiconnoex0320.pdf](http://www.bls.gov/tus/lexiconnoex0320.pdf)) that differs somewhat from the single-year lexicons. The multi-year coding lexicon accounts for the differences in activity codes between years.

### Combining multiple years of ATUS Data

The method used to generate statistical weights (the variable TUFINLWGT) on the ATUS files changed each year from 2003 to 2006. There were no changes to the method used to generate TUFINLWGT in 2007-2020. For ease of use, this multi-year data set provides statistical weights developed using the 2006 weighting method. The weighting variable has been named TUFNWGTP and it is available for the years 2003-2019. All other weighting variables (e.g. TU04FWGT and TU06FWGT) were removed from the multi-year files.

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 TUFNWGTP.

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

2003-2020 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<br>85 Max Value   |                                    |
|       | <b>*Note</b> For TUYEAR < = 2004, TEAGE is topcoded to 80. All those age 80 and above have TEAGE=80.<br><br>For TUYEAR > = 2005, TEAGE is topcoded to 85. All those age 80 through 84 have TEAGE = 80. Those age 85 or above have TEAGE = 85. |                                    |

| 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<br>85 Max Value  |                |
|          | <b>*Note</b> Questions about eldercare were introduced in January 2011. 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.<br><br>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. |                |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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>                                       | Questions about eldercare were introduced in January 2011. The name is filled with the information collected from the TUELWHO question. |                  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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                                 |
|         |  | 46   | Grandparent (see note)                   |
|         |  | 47   | Grandmother/Great-grandmother (see note) |
|         |  | 48   | Grandfather/Great-grandfather (see note) |
|         |  | 49   | Other related person (see note)          |
|         |  | 55   | Other (see note)                         |
|         |  | 56   | Other non-relative (see note)            |
|         | <b>*Note</b>                           | <p>Questions about eldercare were introduced in 2011. All codes of 30 or less refer to people living inside of the respondent's household.</p> <p>Beginning in January 2013, values 47, 48, 49, and 56 were added; values 46 (grandparent/great-grandparent) and 55 (other) are no longer valid.</p> |  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>99   | Min Value<br>Max Value |
|          | <b>*Note</b> Questions about eldercare were introduced in January 2011.   |                        |
| Name     | Description   | File                   |
| TEERN    | Edited: total weekly overtime earnings (2 implied decimals)   | Respondent File        |
|          | <b>Edited Universe:</b> TEERNUOT = 1 and TEERNPER = 1   |                        |
|          | <b>Valid Entries:</b> 0<br>288461   | Min Value<br>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<br>9999   | Min Value<br>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<br>9999   | Min Value<br>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<br>99   | Min Value<br>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            |
|          | 2   | Not paid hourly        |

2003-2020 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>   | TELF5 = 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>   | TELF5 = 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    |



2003-2020 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<br>99  | Min Value<br>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<br>99  | Min Value<br>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<br>999   | Min Value<br>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                            |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name     | Description   | File                   |
|----------|---|------------------------|
| TEIO1ICD | Edited: industry code (main job)  | Respondent File        |
|          | <b>Edited Universe:</b> TELFS = 1 or 2  |                        |
|          | <b>Valid Entries:</b> 0<br>9999   | Min Value<br>Max Value |
|          | <p><b>*Note</b> Beginning with the 2020 ATUS, industry data were classified using the 2017 Census Industry Classification System. This system replaced the 2012 Census Industry Classification System.</p> <p>The 2012 Census Industry Classification System was incorporated beginning in the 2014 ATUS; it replaced the 2007 Census Industry Classification System, which was used by ATUS from 2010 until the 2012 classification scheme was implemented.</p> <p>The 2007 Census Industry Classification System was incorporated beginning in the 2010 ATUS; it replaced the 2002 Census Industry Classification System, which was used by ATUS from 2003 until the 2007 classification scheme was implemented.</p> <p>Refer to Appendix A for a list of industry codes using the 2002, 2007, 2012, and 2017 Census Industry Classification systems.</p> |                        |

| Name     | Description  | File                   |
|----------|--|------------------------|
| TEIO1OCD | Edited: occupation code (main job)   | Respondent File        |
|          | <b>Edited Universe:</b> TELFS = 1 or 2   |                        |
|          | <b>Valid Entries:</b> 0<br>9999  | Min Value<br>Max Value |
|          | <p><b>*Note</b> Beginning with the 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 2010 Census Occupation Classification System was incorporated beginning in the 2011 ATUS; it replaced the 2002 Census Occupation Classification System, which was used by ATUS from 2003 until the 2010 classification scheme was implemented. The ATUS occupation data are not strictly comparable across all the years.</p> <p>Refer to Appendix A for a list of occupation codes using the 2002, 2010, and 2018 Census Occupation Classification systems.</p> |                        |

| 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              |

2003-2020 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 |  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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. |  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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 per week of spouse or unmarried partner | Respondent File                        |
|            | <b>Edited Universe:</b> TESPEMPNOT = 1                              |  |
|            | <b>Valid Entries:</b> 0 Min Value<br>99 Max Value                   |  |
|            | <b>*Note</b> -4 (Hours vary) is also valid for TESPUHRS             |  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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>                                | <p>Values of 30, 31 and 32 for TEWHERE were introduced in October 2004 ATUS. Therefore, for (TUMONTH &lt; 10 AND TUYEAR = 2004) these values will not appear.</p> <p>TEWHERE is not collected for activities with activity codes of 0101xx, 0102xx, 0104xx, 500105, or 500106.</p> |                                       |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name       | Description  | File                                   |
|------------|--|--|
| TR_03CC57  | Was a household or own non-household child < 13 in your care during this activity?   | Activity File                          |
|            | <b>Edited Universe:</b> All activities   |  |
|            | <b>Valid Entries:</b> 1 At least one child < 13 was in respondent's care during activity   |  |
|            | <b>*Note</b> This variable was discontinued in 2004 ATUS. Therefore, for [TUYEAR > 2003], there will be missing values of TR_03CC57. It was replaced by the component variables TUCC5, TUCC5B, and TUCC7.  |  |
| 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<br>30 Max Value  |  |
| Name       | Description  | File                                   |
| TRCODEP    | Pooled six-digit activity code   | Activity File                          |
|            | <b>*Note</b> See the 2003-20 Activity Coding Lexicon for activity definitions  |  |
| 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<br>51 Max Value  |  |
|            | <b>*Note</b> Beginning with the 2020 ATUS, industry data were classified using the 2017 Census Industry Classification System. This system replaced the 2012 Census Industry Classification System.<br><br>The 2012 Census Industry Classification System was incorporated beginning in the 2014 ATUS; it replaced the 2007 Census Industry Classification System, which was used by ATUS from 2010 until the 2012 classification scheme was implemented.<br><br>The 2007 Census Industry Classification System was incorporated beginning in the 2010 ATUS; it replaced the 2002 Census Industry Classification System, which was used by ATUS from 2003 until the 2007 classification scheme was implemented.<br><br>Refer to Appendix A for a list of industry codes using the 2002, 2007, 2012, and 2017 Census Industry Classification systems. |  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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 science occupations              |
|          |                                       | 4   | Architecture and engineering occupations                   |
|          |                                       | 5   | Life, physical, and social science occupations             |
|          |                                       | 6   | Community and social service occupations                   |
|          |                                       | 7   | Legal occupations  |
|          |                                       | 8   | Education, training, and library occupations               |
|          |                                       | 9   | Arts, design, entertainment, sports, and media occupations |
|          |                                       | 10  | Healthcare practitioner and technical occupations          |
|          |                                       | 11  | Healthcare support occupations                             |
|          |                                       | 12  | Protective service occupations                             |
|          |                                       | 13  | Food preparation and serving related occupations           |
|          |                                       | 14  | Building and grounds cleaning and maintenance occupations  |
|          |                                       | 15  | Personal care and service occupations                      |
|          |                                       | 16  | Sales and related occupations                              |
|          |                                       | 17  | Office and administrative support occupations              |
|          |                                       | 18  | Farming, fishing, and forestry occupations                 |
|          |                                       | 19  | Construction and extraction occupations                    |
|          |                                       | 20  | Installation, maintenance, and repair occupations          |
|          |                                       | 21  | Production occupations                                     |
|          |                                       | 22  | Transportation and material moving occupations             |
|          | <b>*Note</b>                          | <p>Beginning with the 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 2010 Census Occupation Classification System was incorporated beginning in the 2011 ATUS; it replaced the 2002 Census Occupation Classification System, which was used by ATUS from 2003 until the 2010 classification scheme was implemented. The ATUS occupation data are not strictly comparable across all the years.</p> <p>Refer to Appendix A for a list of occupation codes using the 2002, 2010, and 2018 Census Occupation Classification systems.</p> |  |



2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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   |   |
|          | <b>*Note</b> Questions about eldercare were introduced in January 2011.   |   |
| Name     | Description   | File                                      |
| TREMODR  | Eating and Health Module respondent   | Respondent File                           |
|          | <b>Edited Universe:</b> All respondents   |   |
|          | <b>Valid Entries:</b> 0 Did not respond to Eating and Health Module   |   |
|          | 1 Responded to Eating and Health Module   |   |
|          | <b>*Note</b> The Eating and Health Module interview was conducted for TUYEAR = 2006, 2007, 2008, 2014, 2015 and 2016. For these years all respondents were selected to be interviewed for the Eating and Health Module. Values of 0 indicate that the individual did not complete an Eating and Health Module interview.  |   |
| 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 Min Value<br>9999 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,<br>Activity Summary File |
|          | <b>Edited Universe:</b> TELFS = 1 or 2 and TEIO1COW = 1 - 5   |   |
|          | <b>Valid Entries:</b> 0 Min Value<br>288461 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.                                       |   |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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   |  |
| 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 Diary day was a holiday  |  |
|           | <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. |  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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   | Mining  |
|          | 3   | Construction  |
|          | 4   | Manufacturing - durable goods   |
|          | 5   | Manufacturing - non-durable goods   |
|          | 6   | Wholesale trade   |
|          | 7   | Retail trade  |
|          | 8   | Transportation and warehousing  |
|          | 9   | Utilities   |
|          | 10  | Information   |
|          | 11  | Finance and insurance   |
|          | 12  | Real estate and rental and leasing  |
|          | 13  | Professional and technical services   |
|          | 14  | Management, administrative and waste management services  |
|          | 15  | Educational services  |
|          | 16  | Health care and social services   |
|          | 17  | Arts, entertainment, and recreation   |
|          | 18  | Accommodation and food services   |
|          | 19  | Private households  |
|          | 20  | Other services, except private households   |
|          | 21  | Public administration   |
| Name     | Description   | File  |
| TRLVMODR | Leave module respondent   | Respondent File   |
|          | <b>Edited Universe:</b> TEIO1COW = 1 - 6 (2011)<br>TEIO1COW = 1 - 5 (2017-2018) |   |
|          | <b>Valid Entries:</b> 0   | Respondent was eligible for the Leave module, but did not complete it.  |
|          | 1   | Respondent completed Leave module.  |
|          | <b>*Note</b>  | The Leave Module was conducted in 2011, 2017, and 2018. For TUYEAR = 2011, wage and salary workers and self-employed incorporated workers were selected to be interviewed for the Leave Module. For TUYEAR = 2017 and 2018 only wage and salary workers were selected to be interviewed. For TUYEAR = 2011, 2017, and 2018, values of -1 indicate the respondent was not eligible for the module. |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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                       |

| 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>                           | <p>Beginning with the 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 2010 Census Occupation Classification System was incorporated beginning in the 2011 ATUS; it replaced the 2002 Census Occupation Classification System, which was used by ATUS from 2003 until the 2010 classification scheme was implemented. The ATUS occupation data are not strictly comparable across all the years.</p> |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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   |                 |
|          | <p><b>*Note</b> Beginning with the 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 2010 Census Occupation Classification System was incorporated beginning in the 2011 ATUS; it replaced the 2002 Census Occupation Classification System, which was used by ATUS from 2003 until the 2010 classification scheme was implemented. The ATUS occupation data are not strictly comparable across all the years.</p> |                 |

| Name      | Description                              | File            |
|-----------|--|-----------------|
| TRHHCHILD | 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<br>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                                    |                 |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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  |  |
| 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<br>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<br>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<br><br>Starting in January 2010, TUWHO_CODE information was collected for work activities (0501xx)<br><br>TRTALONE_WK was introduced in 2010. Therefore, cases with [TUYEAR < 2010] will have missing values. |  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>1440   | Min Value<br>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<br>1440   | Min Value<br>Max Value |
|          | <b>*Note</b> For TUYEAR > = 2004, TRTCC_LN is the maximum for the activity of the following variables: TRTOHH_LN, TRTNOHH_LN, and TRTONHH_LN.<br><br>TRTCC_LN is not calculated for activities when no household child < 13 was awake. It is also not calculated for households that do not have at least one household or nonhousehold child < 13.   |                        |
| Name     | Description   | File                   |
| TRTCCC   | Total nonwork-related time respondent spent with customers, clients, and co-workers (in minutes)  | Respondent File        |
|          | <b>Edited Universe:</b> All respondents   |                        |
|          | <b>Valid Entries:</b> 0<br>1440   | Min Value<br>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.<br><br>For cases with [TUYEAR > 2009], TUWHO_CODE = (59, 60, 61, or 62) is included in this calculation (others may be present)<br><br>For cases with [TUYEAR < 2010], TUWHO_CODE = 55 is included in this calculation (others may be present) |                        |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>1440   | Min Value<br>Max Value |
|           | <p><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)</p> <p>Starting in January 2010, TUWHO_CODE information was collected for work activities (0501xx)</p> <p>TRTCCC_WK was introduced in 2010. Therefore, cases with [TUYEAR &lt; 2010] will have missing values.</p> |                        |

| 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<br>1440  | Min Value<br>Max Value |
|          | <p><b>*Note</b> For TUYEAR &gt; = 2004, TRTCCTOT is the sum of all values of TRTCCTOT_LN for each TUCASEID</p> |                        |

| 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<br>1440   | Min Value<br>Max Value |
|             | <p><b>*Note</b> TRTCCTOT_LN is the maximum for the activity of the following variables: TRTOHH_LN, TRTNOHH_LN, TRTONHH_LN, and TRTCOC_LN.</p> |                        |

| 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<br>1440  | Min Value<br>Max Value |
|          | <p><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</p> |                        |



2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>1440   | Min Value<br>Max Value |
|           | <b>*Note</b> TRTCOC is the sum of all 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<br>1440   | Min Value<br>Max Value |
|           | <b>*Note</b> TRTCOC_LN is calculated using TUCC8. It does not include activities with TRTIER2P=0101, 0301, 0302, 0303, 0401, 0402, 0403 or activities with TRCODEP=180381, 180481.  |                        |
| Name      | Description   | File                   |
| TRTEC     | Total time spent providing eldercare (in minutes)   | Respondent File        |
|           | <b>Edited Universe:</b> TUECYTD=1   |                        |
|           | <b>Valid Entries:</b> 0<br>1440   | Min Value<br>Max Value |
|           | <b>*Note</b> TRTEC is the sum of all values of TRTEC_LN. Excludes time spent in activities with codes = 01xxxx or 0805xx.<br><br>Questions about eldercare and TRTEC were introduced in January 2011. Therefore, cases with [TUYEAR < 2011] will have missing values. |                        |
| Name      | Description   | File                   |
| TRTEC_LN  | Time (in minutes) spent providing eldercare by activity   | Activity File          |
|           | <b>Edited Universe:</b> TUEC24 = 1 or 96  |                        |
|           | <b>Valid Entries:</b> 0<br>1440   | Min Value<br>Max Value |
|           | <b>*Note</b> Excludes time spent in activities with codes = 01xxxx or 0805xx.<br><br>Questions about eldercare and TRTEC_LN were introduced in January 2011. Therefore, cases with [TUYEAR < 2011] will have missing values.  |                        |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>1440   | Min Value<br>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                   |
| TRTFRIEND   | Total nonwork-related time respondent spent with friends (in minutes)   | Respondent File        |
|             | <b>Edited Universe:</b> All respondents   |                        |
|             | <b>Valid Entries:</b> 0<br>1440   | Min Value<br>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        |
|             | <b>Edited Universe:</b> All respondents   |                        |
|             | <b>Valid Entries:</b> 0<br>1440   | Min Value<br>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<br>1440   | Min Value<br>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<br>1440   | Min Value<br>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 |                        |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name       | Description   | File            |
|------------|---|-----------------|
| TRTIER1P   | Pooled lexicon tier 1: 1st and 2nd digits of 6-digit activity code  | Activity File   |
|            | <b>Valid Entries:</b> 01<br>50<br>Min Value<br>Max Value  |                 |
|            | <b>*Note</b> Valid activity codes are listed in the 2003-20 Coding Lexicon. TRCODEP provides the full six-digit activity code for each activity occurring on the Activity file.   |                 |
| Name       | Description   | File            |
| TRTIER2P   | Pooled lexicon tiers 1 and 2: 1st four digits of 6-digit activity code  | Activity File   |
|            | <b>*Note</b> Valid activity codes are listed in the 2003-20 Coding Lexicon. TRCODEP provides the full six-digit activity code for each activity occurring on the Activity file.   |                 |
| 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<br>1440<br>Min Value<br>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<br>1440<br>Min Value<br>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<br>1440<br>Min Value<br>Max Value   |                 |
|            | <b>*Note</b> TRTNOHH_LN is calculated using TUCC5B. It does not include activities where TRTIER2P= 0101, 0301, 0302, 0303, and where TRCODEP= 180381. It does not include any activity or part of any activity in which no household child was awake (determined by TUCC2 and TUCC4). |                 |
| 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<br>1440<br>Min Value<br>Max Value   |                 |
|            | <b>*Note</b> TRTO is the sum of all values of TRTO_LN for each TUCASEID.  |                 |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>1440  | Min Value<br>Max Value |
|             | <b>*Note</b> TRTO_LN is the maximum for the activity of the following variables: TRTOHH_LN and TRTONHH_LN.   |                        |
| 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<br>1440  | Min Value<br>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<br>1440  | Min Value<br>Max Value |
|             | <b>*Note</b> TRTOHH_LN is calculated using TUCC5. It does not include activities with TRTIER2P=0101, 0301, 0302, 0303, or with TRCODEP=180381. It does not include any activity or part of any activity in which no household child was awake (determined by TUCC2 and TUCC4). |                        |
| 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<br>1440  | Min Value<br>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<br>1440  | Min Value<br>Max Value |
|             | <b>*Note</b> TRTONHH is the sum of all values of TRTONHH_LN for each TUCASEID.   |                        |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>1440   | Min Value<br>Max Value |
|              | <b>*Note</b> TRTONHH_LN is calculated using TUCC7. It does not include activities with TRTIER2P of 0101, 0301, 0302, 0303, 0401, 0402, 0403, and activities with TRCODEP of 180381 or 180481.             |                        |
| 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<br>1440   | Min Value<br>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<br>1440   | Min Value<br>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<br>1440   | Min Value<br>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<br>1440   | Min Value<br>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 |                        |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name     | Description   | File          |
|----------|---|---------------|
| TRWBELIG | Flag identifying activities eligible for the Well-being Module  | Activity File |
|          | <b>Edited Universe:</b> All activities  |               |
|          | <b>Valid Entries:</b> 0 Activity not eligible for selection in the Well-being Module  |               |
|          | 1 Activity eligible for selection in the Well-being Module  |               |
|          | <p><b>*Note</b> The Well-being Module was conducted in 2010, 2012, and 2013. For TUYEAR = 2010, 2012, or 2013, all ATUS respondents were selected to be interviewed for the Well-being Module.</p> <p>Activities with codes of 0101xx, 0102xx, 0104xx, 500105, or 500106 or with durations less than 5 minutes are not eligible</p> |               |

| Name     | Description   | File            |
|----------|---|-----------------|
| TRWBMODR | Well-being Module respondent  | Respondent File |
|          | <b>Edited Universe:</b> All respondents   |                 |
|          | <b>Valid Entries:</b> 0 Did not respond to Well-being Module  |                 |
|          | 1 Responded to the Well-being Module  |                 |
|          | <p><b>*Note</b> The Well-being Module was conducted in 2010, 2012 and 2013. All individuals on the Respondent file were selected to be interviewed for the Well-being Module.</p> |                 |

| 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                               |                 |

| 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                          |  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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,<br>Activity Summary File |
|          | <b>Valid Entries:</b>  | 1 Min Value<br>999999999 Max Value   |   |
|          | <b>*Note</b>   | <p>When using the 2020 ATUS data, researchers need to use the weighting variable TU20FWGT instead of TUFNWGTP.</p> <p>The usual final weight [TUFNWGTP] on the multiyear files will have missing values for cases with [TUYEAR = 2020] on the ATUS Respondent or Activity Summary file.</p> <p>Cases with [TUYEAR = 2019 or 2020] will have positive values for diary dates corresponding to January 1 - March 17 or May 10 - December 31.</p> <p>For more information about TU20FWGT, see chapter 7 of the ATUS User's Guide.</p> |   |
| 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<br>9999 Max Value  |   |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name         | Description  | File  |
|--------------|--|---|
| TUACTDUR24   | Duration of activity in minutes (last activity truncated at 4:00 a.m.)             | Activity File                                   |
|              | <b>Valid Entries:</b> 1<br>1440  | Min Value<br>Max Value                          |
| Name         | Description  | File  |
| TUACTIVITY_N | Activity line number   | Activity File,<br>Who File,<br>EH Activity File |
|              | <b>Valid Entries:</b> 1<br>91  | Min Value<br>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  |
| TUBUS20T     | 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<br>30  | Min Value<br>Max Value                          |
| Name         | Description  | File  |
| TUBUSL2      | TULINENO of farm or business owner (second owner)                                  | Respondent File                                 |
|              | <b>Valid Entries:</b> 0<br>30  | Min Value<br>Max Value                          |
| Name         | Description  | File  |
| TUBUSL3      | TULINENO of farm or business owner (third owner)                                   | Respondent File                                 |
|              | <b>Valid Entries:</b> 0<br>30  | Min Value<br>Max Value                          |
| Name         | Description  | File  |
| TUBUSL4      | TULINENO of farm or business owner (fourth owner)                                  | Respondent File                                 |
|              | <b>Valid Entries:</b> 0<br>30  | Min Value<br>Max Value                          |
| Name         | Description  | File  |
| TUCASEID     | ATUS Case ID (14-digit identifier)   | All Files                                       |



2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name   | Description  |                      |   | File            |
|--------|--|----------------------|---|-----------------|
| TUCC2  | Time first household child < 13 woke up  |                      |   | Respondent File |
|        | <b>Valid Entries:</b>  | 00:00:00<br>24:00:00 | Min Value<br>Max Value                      |                 |
| Name   | Description  |                      |   | File            |
| TUCC4  | Time last household child < 13 went to bed   |                      |   | Respondent File |
|        | <b>Valid Entries:</b>  | 00:00:00<br>24:00:00 | Min Value<br>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            |
| 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            |
| 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                      |                 |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>9999                                 | Min Value<br>Max Value              |
| 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<br>1440                                 | Min Value<br>Max Value              |
| Name        | Description   | File                                      |                                     |
| TUDIARYDATE | Date of diary day (date about which the respondent was interviewed)   | Respondent File                           |                                     |
|             | <b>Valid Entries:</b>   | 20030101<br>20201230                      | Min Value<br>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,<br>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                                  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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   |
| 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   |
|           | <b>*Note</b>   | Starting in 2012, this variable was added to the public use data files. Cases with [TUYEAR < 2012] will have missing values for TUDURSTOP.<br><br>In 2014, TUDURSTOP was not included on the activity file. Cases with [TUYEAR=2014] will have missing values. |
| 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   |
|           | <b>*Note</b>   | Questions about eldercare were introduced in January 2011. Therefore, cases with [TUYEAR < 2011] will have missing values for TUEC24   |
| 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   |
|           | <b>*Note</b>   | Questions about eldercare were introduced in January 2011. Therefore, cases with [TUYEAR < 2011] will have missing values for TUECYTD  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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>   | <p>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.</p> <p>Questions about eldercare were introduced in January 2011. Therefore, cases with [TUYEAR &lt; 2011] will have missing values for TUELDER.</p>                                    |                       |
| 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                 |
|          | <b>*Note</b>   | <p>Questions about eldercare were introduced in January 2011. Therefore, cases with [TUYEAR &lt; 2011] will have missing values for TUELFREQ</p>  |                       |
| Name     | Description  | File  |                       |
| TUELNUM  | Since the first of [REF_MONTH], how many people have you provided this care to?  | Respondent File   |                       |
|          | <b>Valid Entries:</b>  | 0   | Min Value             |
|          |  | 5   | Max Value             |
|          | <b>*Note</b>   | <p>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> <p>Questions about eldercare were introduced in January 2011. Therefore, cases with [TUYEAR &lt; 2011] will have missing values for TUELNUM.</p> |                       |
| Name     | Description  | File  |                       |
| TUFNWGTP | ATUS final weight  | Respondent File, Activity Summary File  |                       |
|          | <b>Valid Entries:</b>  | 0   | Min Value             |
|          |  | 999999999999  | Max Value             |
|          | <b>*Note</b>   | <p>This weight uses the 2006 weighting methodology and is comparable for all years. For more information see the ATUS User's Guide.</p> <p>Cases with [TUYEAR = 2020] will have missing values for TUFNWGTP. Researchers should use the TU20FWGT weight to construct estimates when using the 2020 data.</p>                                    |                       |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name     | Description   | File  |
|----------|---|---|
| TUFWK    | In the last seven days did you 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  |
| 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  |
|          | <b>*Note</b>  | For TUYEAR < 2005, TUIO1MFG is defined only for respondents whose industry information was updated in the ATUS interview.<br><br>For TUYEAR > = 2005, TUIO1MFG is defined for respondents whose industry information was updated in the ATUS interview; it is populated with CPS values of PUIO1MFG for respondents whose industry information was not updated in the ATUS interview. |
| 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  |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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   |   |
| 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<br>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   |   |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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   |                 |
| 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 - TULKDK4, and TULKPS1 - TULKPS4 |   |                 |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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 - TULKDK4, and TULKPS1 - TULKPS4. |
| 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  |
| Name    | Description                   | File  |
| TULKDK4 | TULKDK1 text: (fourth method) | Respondent File   |
|         | <b>Valid Entries:</b>         |   |
|         | 1                             | Min Value   |
|         | 97                            | Max Value   |
|         | <b>*Note</b>                  | See valid values for TULKDK2  |



2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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 - TULKDK4, and TULKPS1 - TULKPS4. |
| Name   | Description  | File  |
| TULKM3 | TULKM2 text: (third method)  | Respondent File   |
|        | <b>Valid Entries:</b>  |   |
|        | 1  | Min Value   |
|        | 97   | Max Value   |
|        | <b>*Note</b>   | See valid values for TULKM2   |
| Name   | Description  | File  |
| TULKM4 | TULKM2 text: (fourth method)   | Respondent File   |
|        | <b>Valid Entries:</b>  |   |
|        | 1  | Min Value   |
|        | 97   | 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  | Min Value   |
|        | 97   | 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  | Min Value   |
|        | 97   | Max Value   |
|        | <b>*Note</b>   | See valid values for TULKM2   |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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 - TULKDK4, and TULKPS1 - TULKPS4. |   |                 |
| 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 - TULKDK4, and TULKPS1 - TULKPS4. |   |                 |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name     | Description   | File                         |
|----------|---|------------------------------|
| TULKPS3  | TULKPS1 text: (third method)  | Respondent File              |
|          | <b>Valid Entries:</b> 1<br>97   | Min Value<br>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<br>97   | Min Value<br>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<br>12   | Min Value<br>Max Value       |
| 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          |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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<br>24:00:00 | Min Value<br>Max Value |                 |
| Name       | Description   |                      |                        | File            |
| TUSTOPTIME | Activity stop time  |                      |                        | Activity File   |
|            | <b>Valid Entries:</b>   | 00:00:00<br>24:00:00 | Min Value<br>Max Value |                 |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| 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   |          |
|            |   | 55  | Co-workers/colleagues/clients   |          |
|            |   | 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>  | <p>Not collected for activities with codes of 0101xx, 0102xx, 0104xx, 500105, or 500106. Also, starting in 2006, 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.</p> <p>Beginning in January 2010, information was collected for activities with the code 0501xx. For cases with [TUYEAR &lt; 2010] and activity code 0501xx, TUWHO_CODE was not collected.</p> <p>Values of 59, 60, 61, and 62 were introduced and the value 55 was dropped in January 2010 ATUS. Therefore, for cases with [TUYEAR &lt; 2010] values 59, 60, 61, and 62 will not appear. For cases with [TUYEAR &gt; 2009], the value 55 will not appear.</p> |   |          |

2003-2020 ATUS Data Dictionary: Public ATUS Interview Data

| Name   | Description  |              |                        | File                                   |
|--------|--|--------------|------------------------|--|
| TUYEAR | Year of diary day (year of day about which respondent was interviewed) |              |                        | Respondent File, Activity Summary File |
|        | <b>Valid Entries:</b>  | 2003<br>2020 | Min Value<br>Max Value |  |

## APPENDIX A

ATUS industry codes use the U.S. Census Bureau's Industry Classification System, which is based on the North American Industry Classification System. Beginning with the 2020 ATUS, industry data were classified using the **2017 Census Industry Classification System**. This system replaced the 2012 Census Industry Classification System.

The **2012 Census Industry Classification System** was incorporated beginning in the 2014 ATUS; it replaced the 2007 Census Industry Classification System, which was used by ATUS from 2010 until the 2012 classification scheme was implemented.

The **2007 Census Industry Classification System** was incorporated beginning in the 2010 ATUS; it replaced the **2002 Census Industry Classification System**, which was used by ATUS from 2003 until the 2007 classification scheme was implemented.

There were only minor differences between the 2002, 2007, 2012, and 2017 Census Industry Classification Systems. For more information, please see [www.bls.gov/cps/cpsoccind.htm](http://www.bls.gov/cps/cpsoccind.htm).



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

| TRDTIND1 | 2002 Industry Description                         | TEIO1ICD        |
|----------|---|-----------------|
| 1        | Agriculture                                       | 0170-0180, 0290 |
| 2        | Forestry, logging, fishing, hunting, and trapping | 0190-0280       |
| 3        | Mining  | 0370-0490       |
| 4        | Construction                                      | 770             |
| 5        | Nonmetallic mineral product manufacturing         | 2470-2590       |
| 6        | Primary metals and fabricated metal products      | 2670-2990       |
| 7        | Machinery manufacturing                           | 3070-3290       |
| 8        | Computer and electronic product manufacturing     | 3360-3390       |
| 9        | Electrical equipment, appliance manufacturing     | 3470, 3490      |
| 10       | Transportation equipment manufacturing            | 3570-3690       |
| 11       | Wood product manufacturing                        | 3770-3870       |
| 12       | Furniture and fixtures manufacturing              | 3890            |
| 13       | Miscellaneous and not specified manufacturing     | 3960-3990       |
| 14       | Food manufacturing                                | 1070-1290       |
| 15       | Beverage and tobacco product manufacturing        | 1370, 1390      |
| 16       | Textile, apparel, and leather manufacturing       | 1470-1790       |
| 17       | Paper manufacturing and printing                  | 1870-1990       |
| 18       | Petroleum and coal products manufacturing         | 2070, 2090      |
| 19       | Chemical manufacturing                            | 2170-2290       |
| 20       | Plastics and rubber products manufacturing        | 2370-2390       |

| <b>TRDTIND1</b> | <b>2002 Industry Description</b>                        | <b>TEIO1ICD</b>       |
|-----------------|---|-----------------------|
| 21              | Wholesale trade   | 4070-4590             |
| 22              | Retail trade  | 4670-5790             |
| 23              | Transportation and warehousing                          | 6070-6390             |
| 24              | Utilities   | 0570-0690             |
| 25              | Publishing industries (except internet)                 | 6470-6490             |
| 26              | Motion picture and sound recording industries           | 6570, 6590            |
| 27              | Broadcasting (except internet)                          | 6670                  |
| 28              | Internet publishing and broadcasting                    | 6675                  |
| 29              | Telecommunications                                      | 6680, 6690            |
| 30              | Internet service providers and data processing services | 6692, 6695            |
| 31              | Other information services                              | 6770, 6780            |
| 32              | Finance   | 6870-6970             |
| 33              | Insurance   | 6990                  |
| 34              | Real estate   | 7070                  |
| 35              | Rental and leasing services                             | 7080-7190             |
| 36              | Professional, scientific, and technical services        | 7270-7490             |
| 37              | Management of companies and enterprises                 | 7570                  |
| 38              | Administrative and support services                     | 7580-7780             |
| 39              | Waste management and remediation services               | 7790                  |
| 40              | Educational services                                    | 7860-7890             |
| 41              | Hospitals   | 8190                  |
| 42              | Health care services, except hospitals                  | 7970-8180, 8270, 8290 |
| 43              | Social assistance                                       | 8370-8470             |
| 44              | Arts, entertainment, and recreation                     | 8560-8590             |
| 45              | Traveler accommodation                                  | 8660, 8670            |
| 46              | Food services and drinking places                       | 8680, 8690            |
| 47              | Repair and maintenance                                  | 8770-8890             |
| 48              | Personal and laundry services                           | 8970-9090             |
| 49              | Membership associations and organizations               | 9160-9190             |
| 50              | Private households                                      | 9290                  |
| 51              | Public administration                                   | 9370-9590             |



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

| <b>TRDTIND1</b> | <b>2007 Industry Description</b>                        | <b>TEIO1ICD</b>       |
|-----------------|---|-----------------------|
| 1               | Agriculture   | 0170-0180, 0290       |
| 2               | Forestry, logging, fishing, hunting, and trapping       | 0190-0280             |
| 3               | Mining  | 0370-0490             |
| 4               | Construction  | 770                   |
| 5               | Nonmetallic mineral product manufacturing               | 2470-2590             |
| 6               | Primary metals and fabricated metal products            | 2670-2990             |
| 7               | Machinery manufacturing                                 | 3070-3290             |
| 8               | Computer and electronic product manufacturing           | 3360-3390             |
| 9               | Electrical equipment, appliance manufacturing           | 3470, 3490            |
| 10              | Transportation equipment manufacturing                  | 3570-3690             |
| 11              | Wood product manufacturing                              | 3770-3870             |
| 12              | Furniture and fixtures manufacturing                    | 3890                  |
| 13              | Miscellaneous and not specified manufacturing           | 3960-3990             |
| 14              | Food manufacturing                                      | 1070-1290             |
| 15              | Beverage and tobacco product manufacturing              | 1370, 1390            |
| 16              | Textile, apparel, and leather manufacturing             | 1470-1790             |
| 17              | Paper manufacturing and printing                        | 1870-1990             |
| 18              | Petroleum and coal products manufacturing               | 2070, 2090            |
| 19              | Chemical manufacturing                                  | 2170-2290             |
| 20              | Plastics and rubber products manufacturing              | 2370-2390             |
| 21              | Wholesale trade   | 4070-4590             |
| 22              | Retail trade  | 4670-5790             |
| 23              | Transportation and warehousing                          | 6070-6390             |
| 24              | Utilities   | 0570-0690             |
| 25              | Publishing industries (except internet)                 | 6470-6490             |
| 26              | Motion picture and sound recording industries           | 6570, 6590            |
| 27              | Broadcasting (except internet)                          | 6670                  |
| 28              | Internet publishing and broadcasting                    | 6672                  |
| 29              | Telecommunications                                      | 6680, 6690            |
| 30              | Internet service providers and data processing services | 6695                  |
| 31              | Other information services                              | 6770, 6780            |
| 32              | Finance   | 6870-6970             |
| 33              | Insurance   | 6990                  |
| 34              | Real estate   | 7070                  |
| 35              | Rental and leasing services                             | 7080-7190             |
| 36              | Professional, scientific, and technical services        | 7270-7490             |
| 37              | Management of companies and enterprises                 | 7570                  |
| 38              | Administrative and support services                     | 7580-7780             |
| 39              | Waste management and remediation services               | 7790                  |
| 40              | Educational services                                    | 7860-7890             |
| 41              | Hospitals   | 8190                  |
| 42              | Health care services, except hospitals                  | 7970-8180, 8270, 8290 |
| 43              | Social assistance                                       | 8370-8470             |
| 44              | Arts, entertainment, and recreation                     | 8560-8590             |
| 45              | Traveler accommodation                                  | 8660, 8670            |

| TRDTIND1 | 2007 Industry Description                 | TEIO1ICD   |
|----------|---|------------|
| 46       | Food services and drinking places         | 8680, 8690 |
| 47       | Repair and maintenance                    | 8770-8890  |
| 48       | Personal and laundry services             | 8970-9090  |
| 49       | Membership associations and organizations | 9160-9190  |
| 50       | Private households                        | 9290       |
| 51       | Public administration                     | 9370-9590  |

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

| TRDTIND1 | 2012 Industry Description                               | TEIO1ICD        |
|----------|---|-----------------|
| 1        | Agriculture   | 0170-0180, 0290 |
| 2        | Forestry, logging, fishing, hunting, and trapping       | 0190-0280       |
| 3        | Mining  | 0370-0490       |
| 4        | Construction  | 770             |
| 5        | Nonmetallic mineral product manufacturing               | 2470-2590       |
| 6        | Primary metals and fabricated metal products            | 2670-2990       |
| 7        | Machinery manufacturing                                 | 3070-3290       |
| 8        | Computer and electronic product manufacturing           | 3365-3390       |
| 9        | Electrical equipment, appliance manufacturing           | 3470, 3490      |
| 10       | Transportation equipment manufacturing                  | 3570-3690       |
| 11       | Wood products   | 3770-3875       |
| 12       | Furniture and fixtures manufacturing                    | 3895            |
| 13       | Miscellaneous and not specified manufacturing           | 3960-3990       |
| 14       | Food manufacturing                                      | 1070-1290       |
| 15       | Beverage and tobacco products                           | 1370, 1390      |
| 16       | Textile, apparel, and leather manufacturing             | 1470-1790       |
| 17       | Paper and printing                                      | 1870-1990       |
| 18       | Petroleum and coal products                             | 2070, 2090      |
| 19       | Chemical manufacturing                                  | 2170-2290       |
| 20       | Plastics and rubber products                            | 2370-2390       |
| 21       | Wholesale trade   | 4070-4590       |
| 22       | Retail trade  | 4670-5790       |
| 23       | Transportation and warehousing                          | 6070-6390       |
| 24       | Utilities   | 0570-0690       |
| 25       | Publishing industries (except internet)                 | 6470-6490       |
| 26       | Motion picture and sound recording industries           | 6570, 6590      |
| 27       | Broadcasting (except internet)                          | 6670            |
| 28       | Internet publishing and broadcasting                    | 6672            |
| 29       | Telecommunications                                      | 6680, 6690      |
| 30       | Internet service providers and data processing services | 6695            |
| 31       | Other information services                              | 6770, 6780      |
| 32       | Finance   | 6870-6970       |
| 33       | Insurance   | 6990            |
| 34       | Real estate   | 7070            |
| 35       | Rental and leasing services                             | 7080-7190       |
| 36       | Professional and technical services                     | 7270-7490       |

| TRDTIND1 | 2012 Industry Description                 | TEIO1ICD              |
|----------|---|-----------------------|
| 37       | Management of companies and enterprises   | 7570                  |
| 38       | Administrative and support services       | 7580-7780             |
| 39       | Waste management and remediation services | 7790                  |
| 40       | Educational services                      | 7860-7890             |
| 41       | Hospitals                                 | 8190                  |
| 42       | Health care services, except hospitals    | 7970-8180, 8270, 8290 |
| 43       | Social assistance                         | 8370-8470             |
| 44       | Arts, entertainment, and recreation       | 8560-8590             |
| 45       | Accommodation                             | 8660, 8670            |
| 46       | Food services and drinking places         | 8680, 8690            |
| 47       | Repair and maintenance                    | 8770-8890             |
| 48       | Personal and laundry services             | 8970-9090             |
| 49       | Membership associations and organizations | 9160-9190             |
| 50       | Private households                        | 9290                  |
| 51       | Public administration                     | 9370-9590             |

**Detailed Industry Codes using the 2017 Census Industry Classification system (TRDTIND1)**

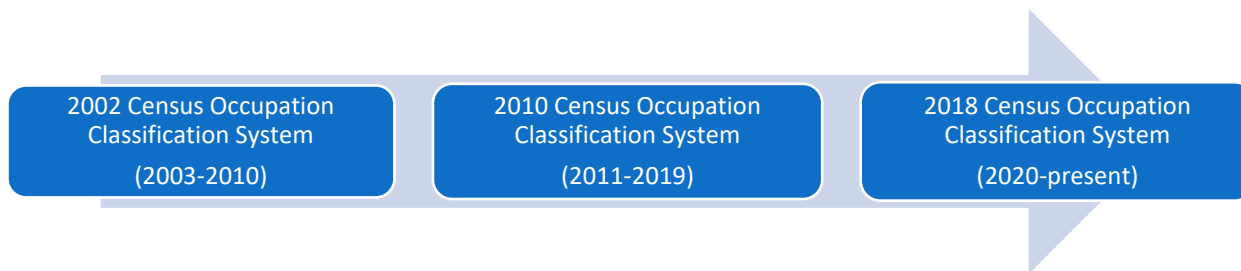
| TRDTIND1 | 2017 Industry Description                         | TEIO1ICD        |
|----------|---|-----------------|
| 1        | Agriculture                                       | 0170-0180, 0290 |
| 2        | Forestry, logging, fishing, hunting, and trapping | 0190-0280       |
| 3        | Mining  | 0370-0490       |
| 4        | Construction                                      | 770             |
| 5        | Nonmetallic mineral product manufacturing         | 2470-2590       |
| 6        | Primary metals and fabricated metal products      | 2670-2990       |
| 7        | Machinery manufacturing                           | 3070-3291       |
| 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            |

| <b>TRDTIND1</b> | <b>2017 Industry Description</b>                        | <b>TEIO1ICD</b>       |
|-----------------|---|-----------------------|
| 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, 6992            |
| 34              | Real estate   | 7071, 7072            |
| 35              | Rental and leasing services                             | 7080-7190             |
| 36              | Professional and technical services                     | 7270-7490             |
| 37              | Management of companies and enterprises                 | 7570                  |
| 38              | Administrative and support services                     | 7580-7780             |
| 39              | Waste management and remediation services               | 7790                  |
| 40              | Educational services                                    | 7860-7890             |
| 41              | Hospitals   | 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             |

Beginning with the 2020 ATUS, occupation data were classified using the **2018 Census Occupation Classification System**. This system replaced the 2010 Census Occupation Classification System.

The **2010 Census Occupation Classification System** was incorporated beginning in the 2011 ATUS; it replaced the **2002 Census Occupation Classification System**, which was used by ATUS from 2003 until the 2010 classification scheme was implemented.

The ATUS occupation data are not strictly comparable across the years. For more information, please see [www.bls.gov/cps/cpsoccind.htm](http://www.bls.gov/cps/cpsoccind.htm).



**Detailed Occupation Codes using the 2002 Census Occupation Classification system (TRDTOCC1)**

| Detailed Occupation Code | 2002 Occupation Description                                | Census Occupation Code (TEIO1OCD) |
|--------------------------|--|-----------------------------------|
| 1                        | Management Occupations                                     | 0010–0430                         |
| 2                        | Business and financial operations occupations              | 0500–0950                         |
| 3                        | Computer and mathematical science occupations              | 1000–1240                         |
| 4                        | Architecture and engineering occupations                   | 1300–1560                         |
| 5                        | Life, Physical, and social science occupations             | 1600–1960                         |
| 6                        | Community and social service occupations                   | 2000–2060                         |
| 7                        | Legal occupations  | 2100–2150                         |
| 8                        | Education, training, and library occupations               | 2200–2550                         |
| 9                        | Arts, design, entertainment, sports, and media occupations | 2600–2960                         |
| 10                       | Healthcare practitioner and technical occupations          | 3000–3540                         |
| 11                       | Healthcare support occupations                             | 3600–3650                         |
| 12                       | Protective service occupations                             | 3700–3950                         |
| 13                       | Food preparation and serving related occupations           | 4000–4160                         |
| 14                       | Building and grounds cleaning and maintenance occupations  | 4200–4250                         |
| 15                       | Personal care and service occupations                      | 4300–4650                         |
| 16                       | Sales and related occupations                              | 4700–4960                         |
| 17                       | Office and administrative support occupations              | 5000–5930                         |
| 18                       | Farming, fishing, and forestry occupations                 | 6000–6130                         |
| 19                       | Construction and extraction occupations                    | 6200–6940                         |
| 20                       | Installation, maintenance, and repair occupations          | 7000–7620                         |
| 21                       | Production occupations                                     | 7700–8960                         |
| 22                       | Transportation and material moving occupations             | 9000–9750                         |

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

| <b>Detailed Occupation Code</b> | <b>2010 Occupation Description</b>                         | <b>Census Occupation Code (TEIO1OCD)</b> |
|---------------------------------|--|--|
| 1                               | Management Occupations                                     | 0010–0430                                |
| 2                               | Business and financial operations occupations              | 0500–0950                                |
| 3                               | Computer and mathematical science occupations              | 1000–1240                                |
| 4                               | Architecture and engineering occupations                   | 1300–1560                                |
| 5                               | Life, Physical, and social science occupations             | 1600–1965                                |
| 6                               | Community and social service occupations                   | 2000–2060                                |
| 7                               | Legal occupations  | 2100–2160                                |
| 8                               | Education, training, and library occupations               | 2200–2550                                |
| 9                               | Arts, design, entertainment, sports, and media occupations | 2600–2960                                |
| 10                              | Healthcare practitioner and technical occupations          | 3000–3540                                |
| 11                              | Healthcare support occupations                             | 3600–3655                                |
| 12                              | Protective service occupations                             | 3700–3955                                |
| 13                              | Food preparation and serving related occupations           | 4000–4160                                |
| 14                              | Building and grounds cleaning and maintenance occupations  | 4200–4250                                |
| 15                              | Personal care and service occupations                      | 4300–4650                                |
| 16                              | Sales and related occupations                              | 4700–4965                                |
| 17                              | Office and administrative support occupations              | 5000–5940                                |
| 18                              | Farming, fishing, and forestry occupations                 | 6000–6130                                |
| 19                              | Construction and extraction occupations                    | 6200–6940                                |
| 20                              | Installation, maintenance, and repair occupations          | 7000–7630                                |
| 21                              | Production occupations                                     | 7700–8965                                |
| 22                              | Transportation and material moving occupations             | 9000–9750                                |

**Detailed Occupation Codes using the 2018 Census Occupation Classification system  
(PRDTOCC1 and PRDTOCC2)**

| <b>Detailed Occupation Code</b> | <b>2018 Occupation Description</b>                         | <b>Census Occupation Code (PEIO1OCD and PEIO2OCD)</b> |
|---------------------------------|--|---|
| 1                               | Management occupations                                     | 0010–0440   |
| 2                               | Business and financial operations occupations              | 0500–0960   |
| 3                               | Computer and mathematical science occupations              | 1005–1240   |
| 4                               | Architecture and engineering occupations                   | 1305–1560   |
| 5                               | Life, physical, and social science occupations             | 1600–1980   |
| 6                               | Community and social service occupations                   | 2001–2060   |
| 7                               | Legal occupations  | 2100–2180   |
| 8                               | Education, training, and library occupations               | 2205–2555   |
| 9                               | Arts, design, entertainment, sports, and media occupations | 2600–2970   |
| 10                              | Healthcare practitioner and technical occupations          | 3000–3550   |
| 11                              | Healthcare support occupations                             | 3601–3655   |
| 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                      | 4330–4655   |
| 16                              | Sales and related occupations                              | 4700–4965   |
| 17                              | Office and administrative support occupations              | 5000–5940   |
| 18                              | Farming, fishing, and forestry occupations                 | 6005–6130   |
| 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             | 9005–9760   |

**Industry Codes (TEIO1ICD)**

2002 Census Industry Classification Codes available at [www.bls.gov/tus/census02iocodes.pdf](http://www.bls.gov/tus/census02iocodes.pdf)

2007 Census Industry Classification Codes available at [www.bls.gov/tus/census07icodes.pdf](http://www.bls.gov/tus/census07icodes.pdf)

2012 Census Industry Classification Codes available at [www.bls.gov/tus/census12icodes.pdf](http://www.bls.gov/tus/census12icodes.pdf)

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

**Occupation Codes (TEIO1OCD)**

2002 Census Occupation Classification Codes available at [www.bls.gov/tus/census02iocodes.pdf](http://www.bls.gov/tus/census02iocodes.pdf)

2010 Census Occupation Classification Codes available at [www.bls.gov/tus/census10ocodes.pdf](http://www.bls.gov/tus/census10ocodes.pdf)

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

**Appendix B:  
Variables on the 2003-20 ATUS Interview files that do *not* appear on the single-year ATUS Interview files**

The 2003-20 ATUS files include additional variables that are not found on the single-year ATUS files. Appendix B provides a list of variables appearing on the multi-year data files, and *not* on the single-year ATUS files. It also indicates on which multi-year file you can find these variables.

**Table B  
Variables appearing on the 2003-20 ATUS files, but *not* on single-year ATUS files**

| Variable name   | Description of variable  | 2003-20 Activity File | 2003-20 Activity Summary File | 2003-20 Roster File | 2003-20 Respondent File | 2003-20 Who File |
|---|--|-----------------------|-------------------------------|---------------------|-------------------------|------------------|
| An "X" indicates the multi-year file on which the variable appears. |  |                       |                               |                     |                         |                  |
| TRCODEP   | Multi-year six digit activity code   | X                     |                               |                     |                         |                  |
| TRTIER2P  | Pooled lexicon tiers 1 and 2: First four digits of multi-year six-digit activity code. | X                     |                               |                     |                         |                  |
| TRTIER1P  | Pooled lexicon tier 1: First and second digits of multi-year six-digit activity code.  | X                     |                               |                     |                         |                  |
| TUFNWGTP*   | ATUS weight corresponding to 2006 weighting method                                     |                       | X                             |                     | X                       |                  |

\* While TUFNWGTP does appear on the 2003-20 respondent file, this variable does not have values for 2020 cases



**Appendix C:  
Variables on the single-year ATUS Activity files that do not appear on the 2003-20 ATUS Activity file**

The 2003-20 ATUS Activity file includes most, but not all, of the variables available on the single-year ATUS Activity data files. Appendix C provides a list of variables that appear on single-year Activity files, but do *not* appear on the 2003-20 ATUS Activity file. It also indicates where you can find variables not included on the 2003-20 ATUS Activity data file. For example, an “X” in the column titled “2003 ATUS Activity file” indicates that, while the variable does not appear on the 2003-20 ATUS Activity file, it does appear on the 2003 ATUS Activity file. For more information on the variables listed below, please see the single-year data dictionaries, available online at [www.bls.gov/tus/dictionaries.htm](http://www.bls.gov/tus/dictionaries.htm).

**Table C  
Variables not appearing on the 2003-20 ATUS Activity file, but appearing on single-year ATUS Activity files**

| Variable name   | Description of variable                                     | 2003 ATUS Activity file | 2004 ATUS Activity file | 2005 ATUS Activity file | 2006 ATUS Activity file | 2007 – 2020 ATUS Activity files |
|---|---|-------------------------|-------------------------|-------------------------|-------------------------|---------------------------------|
| An “X” indicates the single-year Activity file on which the variable appears. |   |                         |                         |                         |                         |                                 |
| TUTIER1CODE   | Lexicon Tier 1: 1st and 2nd digits of 6-digit activity code | X                       | X                       | X                       | X                       | X                               |
| TUTIER2CODE   | Lexicon Tier 2: 3rd and 4th digits of 6-digit activity code | X                       | X                       | X                       | X                       | X                               |
| TUTIER3CODE   | Lexicon Tier 3: 5th and 6th digits of 6-digit activity code | X                       | X                       | X                       | X                       | X                               |
| TXWHERE   | TEWHERE: allocation flag                                    | X                       | X                       | X                       | X                       | X                               |
| TRCODE  | Six-digit activity code                                     |                         |                         |                         |                         | X                               |
| TRTIER2   | First and second activity tiers                             |                         |                         |                         |                         | X                               |

**Appendix D:  
Variables on the single-year ATUS Respondent files that do not appear on the 2003-20 ATUS Respondent File**

The 2003-20 ATUS Respondent file includes most, but not all, of the variables available on the single-year ATUS Respondent data files. Appendix D provides a list of variables that appear on the single-year files, but *not* on the 2003-20 ATUS Respondent file. It also indicates where you can find variables not included on the 2003-20 ATUS Respondent data file. For example, an “X” in the column titled “2003 ATUS Respondent file” indicates that, while the variable does not appear on the 2003-20 ATUS Respondent file, it does appear on the 2003 ATUS Respondent file. For more information on the variables listed below, please see the single-year data dictionaries, available online at [www.bls.gov/tus/dictionaries.htm](http://www.bls.gov/tus/dictionaries.htm).

**Table D  
Variables *not* appearing on the 2003-20 ATUS Respondent file, but appearing on single-year ATUS Respondent files**

| Variable name | Description of variable   | ATUS 2003 Respondent file  | ATUS 2004 Respondent file | ATUS 2005 Respondent file | ATUS 2006 Respondent file | ATUS 2007-2020 Respondent files |
|---------------|---|--|---------------------------|---------------------------|---------------------------|---------------------------------|
|               |   | An “X” indicates the single-year Respondent file on which the variable appears |                           |                           |                           |                                 |
| TU04FWGT      | ATUS final weight based on 2004 weighting method  | X  |                           |                           |                           |                                 |
| TU06FWGT      | ATUS final weight based on 2006 weighting method  | X  | X                         | X                         |                           |                                 |
| TUBNCHWGT     | ATUS benchmark weight   | X  |                           |                           |                           |                                 |
| TUCC5B_CK     | Reason respondent did not report secondary childcare activities for nonown household children |  |                           | X                         | X                         | X                               |
| TUCC5_CK      | Reason respondent did not report secondary childcare activities for own household children    |  |                           | X                         | X                         | X                               |
| TUERN2        | Weekly overtime earnings  | X  | X                         | X                         | X                         | X                               |
| TUERNH1C      | What is your hourly rate of pay on this job, excluding overtime pay, tips, or commissions?    | X  | X                         | X                         | X                         | X                               |
| TULKDK5       | TULKDK1 text: (fifth method)  | X  | X                         | X                         | X                         | X                               |

**Table D**  
**Variables not appearing on the 2003-20 ATUS Respondent file, but appearing on single-year ATUS Respondent files, cont**

| Variable name  | Description of variable      | ATUS 2003 Respondent file | ATUS 2004 Respondent file | ATUS 2005 Respondent file | ATUS 2006 Respondent file | ATUS 2007-2020 Respondent files |
|--|------------------------------|---------------------------|---------------------------|---------------------------|---------------------------|---------------------------------|
| An "X" indicates the single-year Respondent file on which the variable appears |                              |                           |                           |                           |                           |                                 |
| TULKDK6  | TULKDK1 text: (sixth method) | X                         | X                         | X                         | X                         | X                               |
| TULKPS5  | TULKPS1 text: (fifth method) | X                         | X                         | X                         | X                         | X                               |
| TULKPS6  | TULKPS1 text: (sixth method) | X                         | X                         | X                         | X                         | X                               |
| TXABRSN  | TEABRSN: allocation flag     | X                         | X                         | X                         | X                         | X                               |
| TXERN  | TEERN: allocation flag       | X                         | X                         | X                         | X                         | X                               |
| TXERNH1O   | TEERNH1O: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXERNH2  | TEERNH2: allocation flag     | X                         | X                         | X                         | X                         | X                               |
| TXERNHRO   | TEERNHRO: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXERNHRY   | TEERNHRY: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXERNPER   | TEERNPER: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXERNRT  | TEERNRT: allocation flag     | X                         | X                         | X                         | X                         | X                               |
| TXERNUOT   | TEERNUOT: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXERNWKP   | TEERNWKP: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXHRFTPT   | TEHRFTPT: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXHRUSL1   | TEHRUSL1: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXHRUSL2   | TEHRUSL2: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXHRUSLT   | TEHRUSLT: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXIO1COW   | TEIO1COW: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXIO1ICD   | TEIO1ICD: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXIO1OCD   | TEIO1OCD: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXLAYAVL   | TELAYAVL: allocation flag    | X                         | X                         | X                         | X                         | X                               |
| TXLAYLK  | TELAYLK: allocation flag     | X                         | X                         | X                         | X                         | X                               |

**Table D**  
**Variables *not* appearing on the 2003-20 ATUS Respondent file, but appearing on single-year ATUS Respondent files, cont**

| Variable name | Description of variable                   | ATUS 2003 Respondent file   | ATUS 2004 Respondent file | ATUS 2005 Respondent file | ATUS 2006 Respondent file | ATUS 2007-2020 Respondent files |
|---------------|---|---|---------------------------|---------------------------|---------------------------|---------------------------------|
|               |   | An "X" indicates the single-year Respondent file on which the variable appears. |                           |                           |                           |                                 |
| TXLFS         | TELF5: allocation flag                    | X   | X                         | X                         | X                         | X                               |
| TXLKAVL       | TELKAVL: allocation flag                  | X   | X                         | X                         | X                         | X                               |
| TXLKM1        | TELKM1: allocation flag                   | X   | X                         | X                         | X                         | X                               |
| TXMJOT        | TEMJOT: allocation flag                   | X   | X                         | X                         | X                         | X                               |
| TXRET1        | TERET1: allocation flag                   | X   | X                         | X                         | X                         | X                               |
| TXSCHENR      | TESCHENR: allocation flag                 | X   | X                         | X                         | X                         | X                               |
| TXSCHFT       | TESCHFT: allocation flag                  | X   | X                         | X                         | X                         | X                               |
| TXSCHLVL      | TESCHLVL: allocation flag                 | X   | X                         | X                         | X                         | X                               |
| TXSPEMPNOT    | TESPEMPNOT: allocation flag               | X   | X                         | X                         | X                         | X                               |
| TXSPUHR5      | TESPUHR5: allocation flag                 | X   | X                         | X                         | X                         | X                               |
| TXTCC         | TRTCC_LN and TRTCC: allocation flag       | X   | X                         | X                         | X                         | X                               |
| TXTCCTOT      | TRTCCTOT_LN and TRTCCTOT: allocation flag |   | X                         | X                         | X                         | X                               |
| TXTCOC        | TRTCOC_LN and TRTCOC: allocation flag     | X   | X                         | X                         | X                         | X                               |
| TXTHH         | TRTHH_LN and TRTHH: allocation flag       |   | X                         | X                         | X                         | X                               |
| TXTNOHH       | TRTNOHH_LN and TRTNOHH: allocation flag   |   | X                         | X                         | X                         | X                               |
| TXTO          | TRTO_LN and TRTO: allocation flag         |   | X                         | X                         | X                         | X                               |
| TXTOHH        | TRTOHH_LN and TRTOHH: allocation flag     |   | X                         | X                         | X                         | X                               |
| TXTONHH       | TRTONHH_LN and TRTONHH: allocation flag   |   | X                         | X                         | X                         | X                               |

**Appendix E:  
Variables on the single-year ATUS Roster files that do not appear on the 2003-20 ATUS Roster File**

The 2003-20 ATUS Roster file includes most, but not all, of the variables available on the single-year ATUS Roster data files. Appendix E provides a list of variables that appear on the single-year ATUS Roster files, but do *not* appear on the 2003-20 ATUS Roster file. It also indicates where you can find variables not included on the 2003-20 ATUS Roster data file. For example, an “X” in the column titled “2003 ATUS Roster file” indicates that, while the variable does *not* appear on the 2003-20 ATUS Roster file, it does appear on the 2003 ATUS Roster file. For more information on the variables listed below, please see the single-year data dictionaries, available online at [www.bls.gov/tus/dictionaries.htm](http://www.bls.gov/tus/dictionaries.htm).

**Table E  
Variables *not* appearing on the 2003-20 ATUS Roster file, but appearing on single-year ATUS Roster files**

| Variable name   | Description of variable         | 2003 ATUS Roster file | 2004 ATUS Roster file | 2005 ATUS Roster file | 2006 ATUS Roster file | 2007-2020 ATUS Roster files |
|---|---------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------------|
| An “X” indicates the single-year Roster file on which the variable appears. |                                 |                       |                       |                       |                       |                             |
| TURRP   | Relationship to ATUS respondent | X                     | X                     |                       |                       |                             |
| TXAGE   | TEAGE: allocation flag          | X                     | X                     | X                     | X                     | X                           |
| TXRRP   | TERRP: allocation flag          | X                     | X                     | X                     | X                     | X                           |
| TXSEX   | TESEX: allocation flag          | X                     | X                     | X                     | X                     | X                           |

**Appendix F:****Variables on the single-year ATUS Eldercare Roster files that do not appear on the 2011-20 ATUS Eldercare Roster File**

The 2011-20 ATUS Eldercare Roster file includes most, but not all, of the variables available on the single-year ATUS Eldercare Roster data files. Because questions about eldercare were introduced in 2011, there are no single-year Eldercare Roster files from 2003-2010. Appendix F provides a list of variables that appear on the single-year ATUS Eldercare Roster files, but do *not* appear on the 2011-20 ATUS Eldercare Roster file. It also indicates where you can find variables not included on the 2011-20 ATUS Eldercare Roster data file. For example, an “X” in the column titled “2011 ATUS Eldercare Roster file” indicates that, while the variable does *not* appear on the 2011-20 ATUS Eldercare Roster file, it does appear on the 2011 ATUS Eldercare Roster file. For more information on the variables listed below, please see the single-year data dictionaries, available online at [www.bls.gov/tus/dictionaries.htm](http://www.bls.gov/tus/dictionaries.htm).

**Table F:**  
**Variables on the single-year ATUS Eldercare Roster files that do not appear on the 2011-20 ATUS Eldercare Roster File**

| <b>Variable name</b> | <b>Description of variable</b>  | <b>2011-2020 ATUS<br/>Eldercare Roster files</b> |
|----------------------|---|--|
|                      | An “X” indicates the single-year Roster file on which the variable appears. |  |
| TXAGE_EC             | TEAGE_EC: allocation flag   | X  |
| TXELDUR              | TEELDUR: allocation flag  | X  |
| TXELWHO              | TEELWHO: allocation flag  | X  |
| TXELYRS              | TEELYRS: allocation flag  | X  |