

American Time Use Survey (ATUS) Data Dictionary:

2022-23 Eating & Health Module Data

Variables collected in ATUS Eating and Health Module

September 2024

The ATUS Eating & Health Module is sponsored by the U.S. Department of Agriculture's
Economic Research Service.

The ATUS is sponsored by the Bureau of Labor Statistics and conducted by the U.S. Census Bureau.

Important Information about the Eating & Health Module Data Dictionary

Introduction

The U.S. Department of Agriculture's Economic Research Service sponsored the Eating & Health (EH) Module of the American Time Use Survey (ATUS). The 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 the ATUS EH Module data files: the EH Respondent file and the EH Activity file. The EH Module data files are currently available for 2022-23 and contain information gathered through the 2022-23 ATUS interviews. All EH Module questions were asked at the end of the ATUS interview.

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

Two other data dictionaries describe the basic ATUS data files. The first describes the ATUS-CPS file, which contains data from the Current Population Survey (CPS) files for those selected to be surveyed for ATUS and members of their households. (The information on the ATUS-CPS file was collected two to five months before the ATUS interview and may have been out of date at the time of the ATUS survey.) The second is the ATUS interview data dictionary which describes the variables available on five files: the Roster file, the Activity file, the Who file, the Eldercare Roster file, and the Respondent file. These variables were collected and assigned in the ATUS interview.

In addition to the data dictionaries for the basic ATUS data files, the Survey Methodology data dictionary describes the data available on the Case History file and the Call History file for those selected to be surveyed for ATUS.

Each of these additional data dictionaries describes variables from an individual year. They are available on the ATUS Web site at www.bls.gov/tus/dictionaries.htm.

ATUS EH Module Data Files

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

1. EH Respondent File

This file contains case-specific variables collected in the EH Module (that is, variables for which there is one value for each respondent). These include, for example, general health information, the respondent's body mass index, and EH Module statistical weights. There is one record for each EH Module 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 a corresponding statistical weight (EUFINLWGT) for use in generating estimates representative of the U.S. civilian, noninstitutional population age 15 and over. Estimates using EH module data should be generated using EUFINLWGT instead of the ATUS statistical weight (TUFINLWGT) because there are fewer EH module respondents than ATUS respondents due to minimal nonresponse of some ATUS respondents to the EH Module.

This example also demonstrates that each respondent has corresponding values denoting general health status (EUGENHTH) and total time spent in primary eating and drinking (ERTPREAT). The actual EH Respondent file contains many more variables as well as many more lines.

TUCASEID	TULINENO	EUFINLWGT	EUGENHTH	ERTPREAT
20220101020210	1	23264358.19	1	40
20220101020211	1	7013642.31	5	350
20220101020212	1	18426068.74	3	0
20220101020213	1	5780754.07	2	556
20220101020214	1	2916445.94	1	100

2. EH Activity File

This file includes activity-level information collected in the EH Module, including activity number, whether secondary eating occurred during the activity, and duration of secondary eating.

There is one record for each activity.

A simplified example of the EH Activity file appears below. This is an illustration of one respondent's day. Because only one person is interviewed per household, each TUCASEID on the EH Activity file identifies a respondent. Each activity is identified by an activity number (TUACTIVITY_N). In the example, each activity has corresponding values denoting whether secondary eating occurred during the activity (EUEATSUM) and how much time was spent in secondary eating (EUEDUR24). The actual EH Activity file contains more variables describing each activity as well as many more lines than does the example below.

TUCASEID	TUACTIVITY_N	EUEATSUM	EUEDUR24
20220101020210	1	-1	-1
20220101020210	2	1	20
20220101020210	3	1	10
20220101020210	4	-1	-1
20220101020210	5	-1	-1

EH Module Naming Conventions and Definitions

EH Module variables are named according to specified rules. Variables with a first character of “E” (for eating) were collected or created through the EH Module interview questions. Variables with a first character of “T” (for time use) were collected or created through the ATUS interview. There are only three “T” variables on the EH Module files. These are the ATUS case ID (TUCASEID); the ATUS person line number (TULINENO) and the ATUS activity number (TUACTIONITY_N); these variables are used to link EH files to ATUS files.

The second and third characters of the name identify the type of variable, and the remaining characters consist of a descriptive name. The rules regarding the first two or three characters are described in the table below:

Abbreviation	Variable Type	Definition
U	Unedited Variable	An unedited variable generally is produced by the Computer Assisted Telephone Interview (CATI) instrument, either collected or assigned during the interview.
E	Edited Variable	<p>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 ATUS processing. Allocations are typically performed when the unedited variable contains a value of blank, "don't know," or "refused."</p> <p>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.</p>
R	Recode	A recode is a variable calculated by the processing system from a combination of other variables on the file. For example, ERBMI is the respondent's body mass index, which is calculated from EUHGT (respondent's height) and EUWGT (respondent's weight).
RT	Summary Variable	These variables summarize the amount of time respondents spend doing selected activities. For example, ERTSEAT gives the total amount of time the respondent spent eating and drinking as a secondary activity.
X	Allocation Flag	Each edited variable has a corresponding allocation flag indicating the nature of the allocation. The only edited variable on the EH Module data files is EEINCOME3 (question about respondent's income). If EUINCOME3 is missing, EEINCOME3 may be assigned based on household earnings, and this would be indicated by the value for EXINCOME3. See the entry for EXINCOME3 in the variable definitions for more detail. (Note that variables with second and third characters of “XT” are summary allocation flags.)
T	Topcode Flag	These variables indicate whether another variable has been either topcoded (given a maximum value) or bottomcoded (given a minimum value). The topcode variable flags on the EH Module data files are ETHGT (for respondent's height), ETWGT (for respondent's weight), ETEXFREQ (for exercise frequency), ETFASFD2 (for fast food purchases), and ETONLINE1 (for online purchases).

Using these rules, variables can be more readily understood based on their names. For example, the variable EEINCOME3 can be broken down as follows:

- The first character “E” indicates that this variable was collected or created through the ATUS EH Module interview questions
- The second character “E” indicates that this variable went through an editing process; it also means there will be a corresponding allocation flag, EXINCOME3, to indicate the nature of the allocation
- The final part of the variable name, “INCOME3,” is descriptive and, in this case, refers to the first question about the respondent’s income

Not all EH Module 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 EH Module respondents as required by law. If an unedited variable is included on the files, an edited version does not exist.

Allocation Flags

For every edited variable (or all “E” variables), there is a corresponding allocation flag whose second character is “X.” All remaining characters of the two variables’ names are the same. There is only one edited variable on the EH Module data files, EEINCOME3. Because these earnings data are allocated using a different method, unique to the EH Module, the allocation values are different from the typical valid values.

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

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

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

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

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

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

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

As with all allocated values, those assigned to EXINCOME3 follow a similar pattern. Each digit of the additional values indicates how and why values were allocated.

The first digit indicates why the “U” variable was allocated, whether the value was don’t know or refused.

First Digit	
7	“E” variable was changed to a value from don’t know
8	“E” variable was changed to a value from refused

The second digit indicates how the new value of EEINCOME3 was assigned.

Second Digit	
1	“E” variable was assigned from respondent’s earnings
2	“E” variable was assigned from earnings of respondent’s spouse or unmarried partner
3	“E” variable was assigned from earnings of respondent’s other household members (not spouse or unmarried partner)
4	“E” variable was assigned from earnings of respondent and respondent’s spouse or unmarried partner
5	“E” variable was assigned from earnings of respondent and respondent’s other household members (not spouse or unmarried partner)
6	“E” variable was assigned from earnings of respondent’s spouse or unmarried partner and respondent’s other household members
7	“E” variable was assigned from earnings of respondent, respondent’s spouse or unmarried partner, and respondent’s other household members

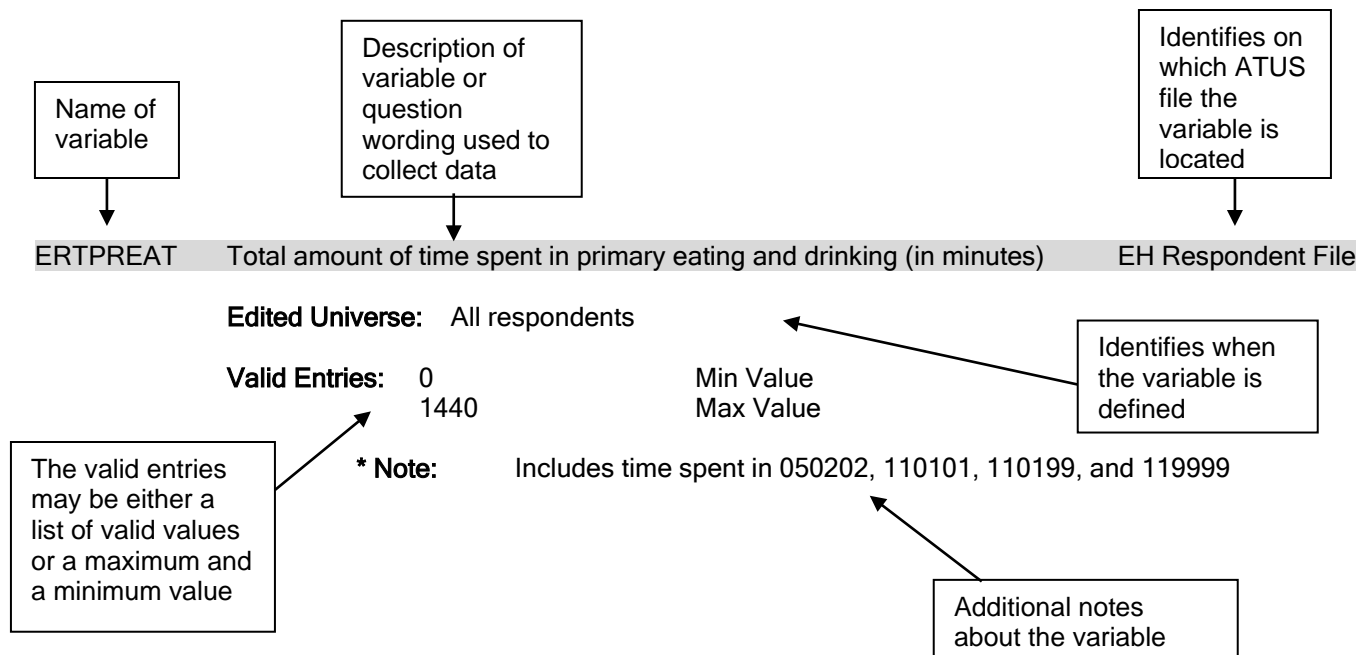
Edited Universe

Edited variables and recodes are defined for certain universes, and these are listed in the data dictionary. For example, ERBMI (respondent’s body mass index) is only defined when there is a value for both height (EUHGT) and weight (EUWGT). Therefore, the universe for ERBMI is EUHGT > 0 and EUWGT > 0.

Organization of the Data Dictionary

Variables are listed in the data dictionary in alphabetical order.

Below is a sample entry from the ATUS Eating and Health Module data dictionary:



Valid Values

Each variable has a number of valid values or a range of valid values. For example, the variable EUGENHHTH (general health) has five valid values: 1 for excellent, 2 for very good, 3 for good, 4 for fair, and 5 for poor. The variable ERTSEAT (total time in secondary eating), on the other hand, has a range of valid values – any entry between 0 and 1440 is considered valid. Individual valid values or a range of valid values are listed under each variable in the data dictionary.

Many ATUS variables have the following possible valid values:

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

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

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

Linking EH Module files to other ATUS Data Files

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

File	Linking Variables
<i>EH Module data files</i>	
EH Respondent file	TUCASEID TULINENO (always equal to 1 on the EH Respondent file)
EH Activity file	TUCASEID TUACTIONITY_N
EH Replicate Weights file	TUCASEID
<i>Basic ATUS data files</i>	
Respondent file	TUCASEID TULINENO (always equal to 1 on the Respondent file)
Roster file	TUCASEID TULINENO
Activity file	TUCASEID TUACTIONITY_N
Who file	TUCASEID TUACTIONITY_N TULINENO
Eldercare Roster file	TUCASEID TULINENO
ATUS-CPS file	TUCASEID TULINENO
Activity Summary file	TUCASEID
<i>Additional ATUS data files</i>	
Case History file	TUCASEID
Call History file	TUCASEID
Replicate Weights file	TUCASEID

The ATUS files can also be linked to CPS files. For information on linking ATUS files to CPS files, see Appendix K-L of the ATUS User's Guide (www.bls.gov/tus/atususersguide.pdf).

2022-23 ATUS Data Dictionary: Public Eating and Health Module Data

Name	Description	File
EEINCOME3	Edited: Last month, was your total household income before taxes more or less than (amount) per month?	EH Respondent File
	Edited Universe: All respondents	
	Valid Entries: 1 Income > 200 percent of poverty threshold	
	2 Income < 200 percent of poverty threshold	
	3 Income = 200 percent of poverty threshold	
	*Note The poverty threshold is determined by the number of people living in the household. See Appendix A and the variable EUINCLVL to determine income level asked. The fill amount approximates 200 percent of the poverty threshold for a household the size of the respondent's household.	

Name	Description	File
ERBMI	Body mass index	EH Respondent File
	Edited Universe: EUHGT > 0 and EUWGT > 0	
	Valid Entries: 0 Min Value 200 Max Value	

Name	Description	File
ERHHCH	Change in household composition between CPS and ATUS	EH Respondent File
	Edited Universe: All respondents	
	Valid Entries: 1 Number of persons living in ATUS household > number of persons living in the CPS household at time of last CPS interview.	
	2 Number of persons living in ATUS household < number of persons living in the CPS household at time of last CPS interview	
	3 Number of persons living in ATUS household = number of persons living in CPS household at time of CPS interview	

Name	Description	File
ERSPEMCH	Change in spouse or unmarried partner's labor force status or full time or part time employment status between CPS and ATUS	EH Respondent File
	Edited Universe: Respondents with a spouse or unmarried partner in ATUS who was also in household during final CPS interview.	
	Valid Entries: 1 Spouse/unmarried partner's employment status changed from full time to part time or hours vary	
	2 Spouse/unmarried partner's employment status changed from part time or hours vary to full time	
	3 Spouse/unmarried partner's labor force status changed from employed to unemployed or not in the labor force	
	4 Spouse/unmarried partner's labor force status changed from unemployed or not in the labor force to employed	
	5 Spouse/unmarried partner's employment status and/or labor force status did not change	

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Name	Description	File
ERTPREAT	Total amount of time spent in primary eating and drinking (in minutes)	EH Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 1440	Min Value Max Value
	*Note Includes time spent in activities 050202, 110101, 110199, and 119999. See 2022 and 2023 ATUS Activity Coding Lexicons for more information.	
Name	Description	File
ERTSEAT	Total amount of time spent in secondary eating (in minutes)	EH Respondent File
	Edited Universe: All respondents	
	Valid Entries: 0 1440	Min Value Max Value
	*Note ERTSEAT uses EUEDUR24 (from activities for which secondary eating took place) to create the total amount of time spent in secondary eating. Activities with EUEATSUM = (-2,-3) or EUEDUR24 = (-2,-3) are assumed to have EUEDUR24 = 0 in this calculation.	
Name	Description	File
ETEXFREQ	Topcode flag for EUEXFREQ	EH Respondent File
	Valid Entries: 1	EUEXFREQ topcoded
Name	Description	File
ETFASTFD2	Topcode flag for EUFASTFD2	EH Respondent File
	Valid Entries: 1	EUFASTFD2 topcoded
Name	Description	File
ETHGT	Topcode flag for height (EUHGT)	EH Respondent File
	Valid Entries: 0	EUHGT not topcoded or bottomcoded
		1 EUHGT topcoded (set to maximum value)
		2 EUHGT bottomcoded (set to minimum value)
Name	Description	File
ETONLINE1	Topcode flag for EUONLINE1	EH Respondent File
	Valid Entries: 1	EUONLINE1 topcoded
Name	Description	File
ETWGT	Topcode flag for weight (EUWGT)	EH Respondent File
	Valid Entries: 0	EUWGT not topcoded or bottomcoded
		1 EUWGT topcoded (set to maximum value)
		2 EUWGT bottomcoded (set to minimum value)

2022-23 ATUS Data Dictionary: Public Eating and Health Module Data

Name	Description		File
EUDIET	In general, would you say that the quality of your diet is...		EH Respondent File
	Valid Entries:	1	Excellent
		2	Very good
		3	Good
		4	Fair
		5	Poor
Name	Description		File
EUEAT	Were there any times you were eating any meals or snacks yesterday, for example while you were doing something else?		EH Respondent File
	Valid Entries:	1	Yes
		2	No
	*Note	Respondents are first reminded of the times they were eating and drinking as a primary activity before being asked this question.	
Name	Description		File
EUEATSUM	Were you eating during this activity?		EH Activity File
	Valid Entries:	1	Yes
Name	Description		File
EUEDUR	Amount of time spent doing secondary eating during a given activity in minutes (last activity not truncated at 24 hours)		EH Activity File
	Valid Entries:	1 9999	Min Value Max Value
Name	Description		File
EUEDUR24	Amount of time spent doing secondary eating during a given activity in minutes (last activity truncated at 24 hours)		EH Activity File
	Valid Entries:	1 1440	Min Value Max Value
Name	Description		File
EUEXERCISE	During the past 7 days, [fill: other than your regular job,**] did you participate in any physical activities or exercises for fitness and health such as running, bicycling, working out in a gym, walking for exercise, or playing sports?		EH Respondent File
	Valid Entries:	1	Yes
		2	No
	*Note	** "other than your regular job" was asked only of those who were employed at the time of the interview.	

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Name	Description	File	
EUEXFREQ	How many times over the past 7 days did you take part in these activities?	EH Respondent File	
	Valid Entries:	1 15	Min Value Max Value
	*Note	EUEXFREQ is topcoded to 15 times participating in physical activities or exercise in the last 7 days. Topcoding is indicated in ETEXFREQ.	
Name	Description	File	
EUEXINT	How much of this leisure-time physical activity and exercise was vigorous enough to cause a large increase in breathing or heart rate?	EH Respondent File	
	Valid Entries:	1	None
		2	A little
		3	Some
		4	A lot
		5	All
Name	Description	File	
EUFASTFD2	In the LAST 7 DAYS, excluding frozen foods, how many times did you PURCHASE prepared, READY-TO-EAT food from a deli, carryout, delivery food, fast food place, or restaurant, for [fill: yourself/yourself or household.]?	EH Respondent File	
	Valid Entries:	0 14	Min Value Max Value
	*Note	EUFASTFD2 is topcoded to 14 times purchasing prepared, ready-to-eat food in the last 7 days. Topcoding is indicated in EFASTFD2.	
Name	Description	File	
EUFASTFDYTD2	YESTERDAY, did you EAT food prepared by any food service provider, such as a deli, restaurant, fast food place, cafeteria, or any other type of eatery?	EH Respondent File	
	Valid Entries:	1	Yes
		2	No
Name	Description	File	
EUFDSIT2	Which of the following statements best describes the amount of food eaten in your household in the last 30 days—	EH Respondent File	
	Valid Entries:	1	Enough of the kinds of food [fill: I/we] want to eat
		2	Enough, but not always the kinds of food [fill: I/we] want to eat
		3	Sometimes not enough to eat
		4	Often not enough to eat

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Name	Description	File
EUFINLWGT	Eating and Health Module final weight	EH Respondent File
	Valid Entries: 0 999999999	Min Value Max Value
	*Note EUFINLWGT should be used instead of TUFINLWGT for any estimates using variables from the Eating and Health Module.	
Name	Description	File
EUGENHHTH	In general, would you say that your health was excellent, very good, good, fair, or poor?	EH Respondent File
	Valid Entries: 1 2 3 4 5	Excellent Very good Good Fair Poor
Name	Description	File
EUGROSH2	How much of the grocery shopping in the household do you usually do?	EH Respondent File
	Valid Entries: 1 2 3 4 5	None A little Some A lot All
Name	Description	File
EUGROSH3	How much do you enjoy doing the grocery shopping for your household?	EH Respondent File
	Valid Entries: 1 2 3 4	Not at all A little Somewhat A lot
Name	Description	File
EUHGT	How tall are you without shoes? (in inches)	EH Respondent File
	Valid Entries: 56 77	Min Value Max Value
	*Note EUHGT is bottomcoded to 56 inches and topcoded to 77 inches. All those with EUGHT < 56 inches have EUHGT = 56 inches. All those with EUHGT > 77 inches have EUHGT = 77 inches. Topcoding and bottomcoding is indicated in ETHGT.	

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Name	Description		File
EUINCLVL	Identifies which income values were asked in EUINCOME3		EH Respondent File
	Valid Entries:	9	Fiscal year 2021 poverty thresholds
		10	Fiscal year 2022 poverty thresholds
Name	Description		File
EUONLINE1	Thinking back over the LAST 30 DAYS, how many times did you purchase GROCERIES ONLINE for pick up or delivery for your household?		EH Respondent File
	Valid Entries:	0	Min Value
		9	Max Value
	*Note	EUONLINE1 is topcoded to 9 times purchasing groceries online or for pick up or delivery in the last 30 days. Topcoding is indicated in ETONLINE1.	
Name	Description		File
EUONLINE2	Did you usually pick up your online grocery order or did you have it delivered?		EH Respondent File
	Valid Entries:	1	Usually pickup
		2	Usually delivered
		3	About equal between pickup and delivery
Name	Description		File
EUONLINE3	What is the MAIN reason you chose to purchase groceries ONLINE instead of in person?		EH Respondent File
	Valid Entries:	1	Price
		2	Quality of products
		3	Variety of products
		4	Customer service
		5	Needing specialty foods (such as gluten free or vegan, etc.)
		6	Easier to compare prices across stores
		7	Transportation limitations
		8	Time constraints
		9	Physical safety concerns
		10	Convenience
		11	Sick with Covid or other illness
		12	Concerns about Covid and pandemic
		13	Don't enjoy shopping
		14	Disability or physical limitation
		15	Childcare issues
		16	Other reason
	*Note	Values 10 - 15 were not response options in the EHM instrument. These were constructed after reviewing and recoding respondents' verbatim responses for the main reason for purchasing groceries online.	

2022-23 ATUS Data Dictionary: Public Eating and Health Module Data

Name	Description	File
EUONLINE4	What is the MAIN reason you did NOT buy groceries online?	EH Respondent File
	Valid Entries: 1	Delivery Fee
	2	Higher prices online
	3	I can't find the products I like online
	4	I like being able to see and touch products in person
	5	I can't wait for the delivery
	6	I don't like missing, or wrong items in the delivery
	7	It is difficult to get substitutions I like if an item isn't available
	8	It takes too long to put an order together
	9	The grocery websites or apps are too hard to use
	10	I don't have access to the technology to place an order
	11	Delivery is not available in my neighborhood
	12	Other reason

Name	Description	File
EUPRPMEL2	How much of the meal preparation in the household are you usually responsible for?	EH Respondent File
	Valid Entries: 1	None
	2	A little
	3	Some
	4	A lot
	5	All

Name	Description	File
EUPRPMEL3	How much do you enjoy doing the food preparation for your household?	EH Respondent File
	Valid Entries: 1	Not at all
	2	A little
	3	Somewhat
	4	A lot

Name	Description	File
EUSNAP	In the past 30 days, did you or any member of this household receive [fill State SNAPNAME], SNAP, or food stamp benefits?	EH Respondent File
	Valid Entries: 1	Yes
	2	No

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Name	Description	File
EUSTORES	Where do you get the majority of your groceries when shopping IN-PERSON? Do you get them at the	EH Respondent File
	Valid Entries:	
	1	Grocery store
	2	Supercenter, such as Walmart or Target
	3	Warehouse club, such as Costco, Sam's or BJ's
	4	Drugstore or convenience store
	5	Some other place
	*Note	The 2022-23 Eating and Health Module modified this question to include in-person shopping only.

Name	Description	File
EUSTREASON	What is the main reason you shop there?	EH Respondent File
	Valid Entries:	
	1	Price
	2	Location
	3	Quality of products
	4	Variety of products
	5	Customer service
	6	Physical safety
	7	Other
	*Note	The 2022-23 EHM added the response option 6 - Physical safety. The 2014-16 EHM response option 6 was defined as "Other"

Name	Description	File
EUWGT	How much do you weigh without shoes? (in pounds)	EH Respondent File
	Valid Entries:	
	98	Min Value
	340	Max Value
	*Note	-5 (pregnant) is also valid EUWGT is bottomcoded to 98 lbs and topcoded to 340 lbs. All those with EUWGT < 98 lbs have EUWGT = 98 lbs. All those with EUWGT > 340 lbs have EUWGT = 340 lbs. Topcoding and bottomcoding is indicated in ETWGT.

Name	Description	File
EUWIC	In the last 30 days, did you or any member of your household receive benefits from the WIC program, that is, the Women, Infants, and Children program?	EH Respondent File
	Valid Entries:	
	1	Yes
	2	No

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Name	Description			File
EXINCOME3	EEINCOME3: Allocation flag			EH Respondent File
	Valid Entries:	0	Value -- no change	
		1	Blank -- no change	
		2	Don't know -- no change	
		3	Refused -- no change	
		10	Value to value	
		11	Blank to value	
		12	Don't know to value	
		13	Refused to value	
		71	Don't know to assigned from respondent's earnings	
		72	Don't know to assigned from earnings of respondent's spouse or unmarried partner	
		73	Don't know to assigned from earnings of respondent's other household members (not spouse or unmarried partner)	
		74	Don't know to assigned from earnings of respondent and respondent's spouse or unmarried partner	
		75	Don't know to assigned from earnings of respondent and respondent's other household members (not spouse or unmarried partner)	
		76	Don't know to assigned from earnings of respondent's spouse or unmarried partner and respondent's other household members	
		77	Don't know to assigned from earnings of respondent, respondent's spouse or unmarried partner, and respondent's other household members	
		81	Refused to assigned from respondent's earnings	
		82	Refused to assigned from earnings of respondent's spouse or unmarried partner	
		83	Refused to assigned from earnings of respondent's other household members (not spouse or unmarried partner)	
		84	Refused to assigned from earnings of respondent and respondent's spouse or unmarried partner	
		85	Refused to assigned from earnings of respondent and respondent's other household members (not spouse or unmarried partner)	
		86	Refused to assigned from earnings of respondent's spouse or unmarried partner and respondent's other household members	
		87	Refused to assigned from earnings of respondent, respondent's spouse or unmarried partner, and respondent's other household members	
Name	Description			File
TUACTIVITY_N	Activity line number			Activity File, Who File, EH Activity File
	Valid Entries:	1 91	Min Value Max Value	
Name	Description			File
TUCASEID	ATUS Case ID (14-digit identifier)			All Files

2022-23 ATUS Data Dictionary: Public Eating and Health Module Data

Name	Description		File
TULINENO	ATUS person line number		ATUS-CPS File, Respondent File, Roster File, Who File, EH Respondent File, EC Roster File
	Valid Entries:	1 30	Min Value Max Value
	*Note	The person selected to be interviewed for ATUS is always TULINENO = 1	

Appendix A

EEINCOME3

EEINCOME3 is an edited variable that provides information on the respondent's household income. A respondent is asked if his or her monthly household income is greater than, less than, or equal to a given amount. This amount approximates 200 percent of the poverty threshold for a household the size of the respondent's household. This amount changes depending on when the interview was conducted because poverty thresholds are revised annually by the U.S. Census Bureau.

Number of persons in household	EUINCLVL = 9 (Fiscal Year 2021 Poverty Thresholds) (rounded up to nearest \$100)	EUINCLVL = 10 (Fiscal Year 2022 Poverty Thresholds) (rounded up to nearest \$100)
1	\$2,200	\$2,300
2	\$3,000	\$3,100
3	\$3,700	\$3,900
4	\$4,500	\$4,700
5	\$5,200	\$5,500
6	\$6,000	\$6,200
7	\$6,700	\$7,000
8 or more	\$7,500 + (\$757 x each additional household member) (round up to nearest \$100)	\$7,800 + (\$787 x each additional household member) (round up to nearest \$100)

For more information about these variables, see the ERS Eating and Health Module documentation, available online at www.ers.usda.gov/data-products/eating-and-health-module-atus/documentation/. This information is maintained by the U.S. Department of Agriculture's Economic Research Service.