

Microdata Access on data.census.gov

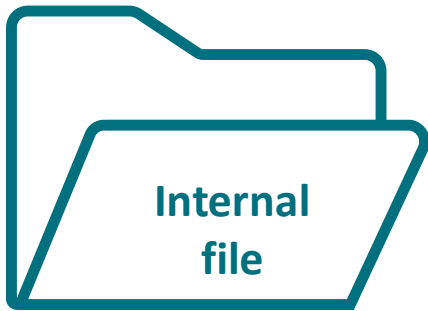
New Jersey State Data Users Meeting
September 22, 2022

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Center for Enterprise Dissemination (CED)

U.S. Census Bureau

What's the difference between data.census.gov and Microdata Access?



data.census.gov

- Provides more precise estimates
- Wider range of datasets
- Fewer limitations to available geographies
- No in-depth knowledge of variables required



Microdata Access (internally known as MDAT)

- Provides custom estimates when a pre-tabulated Census table is not available
- More historical data available
- Datasets not available in data.census.gov

What's the difference between tabulated data and microdata?



Tabulated data



Maryland		
Label	Estimate	Margin of Error
▼ Total:	3,098,870	±17,785
▼ Male:	1,565,561	±11,667
▼ Management, business, science, and arts occupations:	682,858	±11,323
▼ Management, business, and financial occupations:	286,831	±7,906
Management occupations	195,401	±6,483
Business and financial operations occupations	91,430	±5,335
▼ Computer, engineering, and science occupations:	212,203	±6,790
Computer and mathematical occupations	121,160	±5,830
Architecture and engineering occupations	54,967	±3,693
Life, physical, and social science occupations	26,075	±1,775

data.census.gov

Aggregated tables for a geography:

“In 2019 in Maryland, approximately 121,160 males worked in computer and mathematical occupations.”



Microdata



SERIALNO	SPORDER	ST	SEX	OCCP
2019HU0045422	4	24	1	4710
2019HU0045422	5	24	2	9
2019HU0045422	6	24	2	9
2019HU0045644	1	24	1	2100
2019HU0045764	1	24	2	5740
2019HU0045764	2	24	1	1031
2019HU0046210	1	24	1	150
2019HU0046210	2	24	2	5740

Microdata Access (MDAT)

Microdata (a set of edited survey responses):

“This male in Maryland is a web developer.”

Microdata = PUMS Files

Public Use Microdata

Anonymized

- No personally identifiable information
- Edits to protect confidentiality

Accessible

- data.census.gov/mdat
- Application Programming Interface (API)
- Download through FTP sites

Individual Responses

- Must be tabulated and weighted by user

Data Dictionaries

American Community Survey

<https://www.census.gov/programs-surveys/acs/microdata/documentation.html>

Current Population Survey Annual Social and Economic Supplement (CPS ASEC)

<https://www.census.gov/data/datasets/2021/demo/cps/cps-asec-2021.html>

PUMS Data Dictionary

Includes variables available for each PUMS release and how each variable is coded

- 2015-2019 ACS 5-year PUMS Data Dictionary [<1.0 MB]
- 2015-2019 ACS 5-year PUMS Data Dictionary [<1.0 MB]
- 2015-2019 ACS 5-year PUMS Data Dictionary [<1.0 MB]
- 2019 ACS 1-year PUMS Data Dictionary [<1.0 MB]
- 2019 ACS 1-year PUMS Data Dictionary [<1.0 MB]
- 2019 ACS 1-year PUMS Data Dictionary [<1.0 MB]

2019 ACS PUMS DATA DICTIONARY
October 15, 2020

HOUSING RECORD
HOUSING RECORD-BASIC VARIABLES

RT Character 1
Record Type
H .Housing Record or Group Quarters Unit
P .Person Record

SERIALNO Character 13
Housing unit/GQ person serial number
2019G0000001..2019G9999999 .GQ Unique identifier
2019HU0000001..2019HU9999999 .HU Unique identifier

DIVISION Character 1
Division code based on 2010 Census definitions
0 .Puerto Rico
1 .New England (Northeast region)
2 .Middle Atlantic (Northeast region)
3 .East North Central (Midwest region)
4 .West North Central (Midwest region)
5 .South Atlantic (South region)
6 .East South Central (South region)
7 .West South Central (South Region)
8 .Mountain (West region)
9 .Pacific (West region)

PUMA Character 5
Public use microdata area code (PUMA) based on 2010 Census definition
(areas with population of 100,000 or more, use with ST for unique code)

Data and Documents

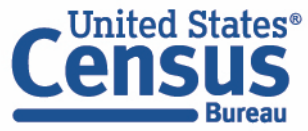
March 2021 Annual Social and Economic Supplement

Data Dictionary [1.0 MB]

ASEC 2021 Public Use Data Dictionary

Record Type: Household

Variable	Length	Position	Range	Variable	Length	Position	Range
Topic: Record Identifiers				Topic: Geography			
SubTopic: Record Type				SubTopic: Geography			
HRECORD	1	1	(1:1)	GEDIV	1	42	(0:9)
Record Type. Used to identify records on ascii file. Values: 1 = HOUSEHOLD RECORD Universe: All Households				Recode - Census division of current residence Values: 1 = New England 2 = Middle Atlantic 3 = East North Central 4 = West North Central 5 = South Atlantic 6 = East South Central 7 = West South Central 8 = Mountain 9 = Pacific Universe: All Households			
SubTopic: Match Keys							
FILEDATE	6	2	(0)				
File creation date in MMDDYY format Values: Date Universe: All records							
H_HHNUM	1	8	(1:8)	GEREG	1	43	(1:4)
Household number. Identifier for unique set of residents located at this sample address. If this group changes between months in sample, household number is incremented by 1. Values: 1-8 = Household number Universe: All Households				Region Values: 1 = Northeast 2 = Midwest 3 = South 4 = West Universe: All Households			
H_IDNUM	20	9	(NA)	GESTFIPS	2	44	(1:56)
Household id number. Same as character 1-20 of HRECORD				State FIPS code			



Demo

Example 1:

Educational attainment by income for the population 18 years and over in the United States

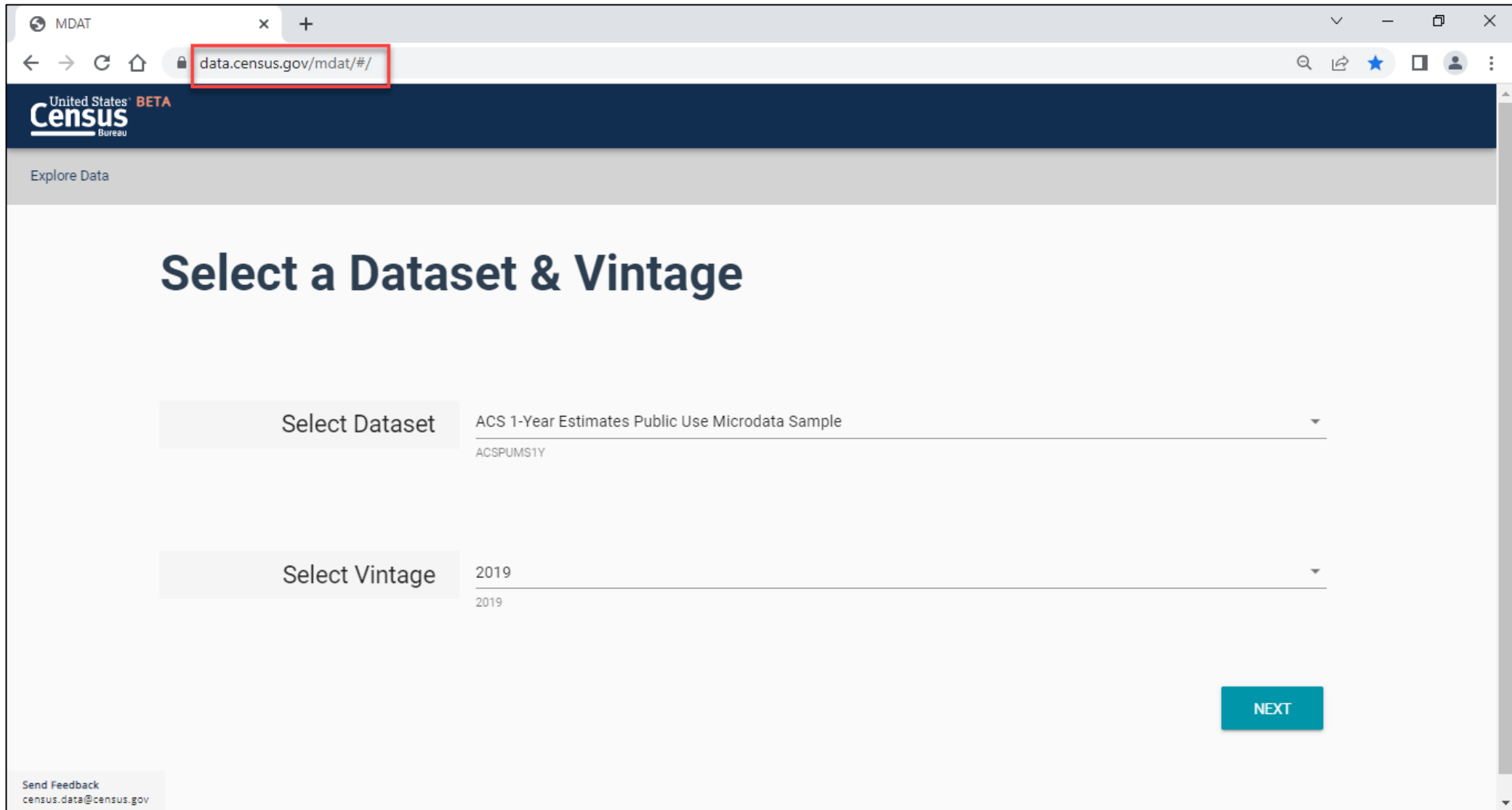
Table A-3 – Mean earnings by educational attainment

Table A-3. Mean Earnings of Workers 18 Years and Over, by Educational Attainment, Race, Hispanic Origin, and Sex: 1975 to 2020
 (Mean annual earnings [dollars]. Total number with earnings in thousands. Civilian noninstitutionalized population. Beginning in 2019, standard errors for the means are calculated using replicate weights)

Year	Total			Not a high school graduate			High school graduate			Some college/associate's degree			Bachelor's degree			Advanced degree		
	Number with earnings	Mean	Standard error	Number with earnings	Mean	Standard error	Number with earnings	Mean	Standard error	Number with earnings	Mean	Standard error	Number with earnings	Mean	Standard error	Number with earnings	Mean	Standard error
Total, Both Sexes																		
2020	164,611	58,329	386	10,985	28,545	852	42,240	39,498	456	45,240	44,176	456	41,910	73,499	695	24,236	104,833	1,422
2019	167,216	58,544	362	11,414	29,279	537	42,599	39,371	315	46,886	45,091	390	42,153	73,163	767	24,164	106,766	1,397
2018	165,179	55,619	296	12,058	27,037	481	42,882	38,936	376	46,887	43,053	416	40,231	71,155	676	23,118	99,919	1,186
2017	163,871	53,536	218	12,240	26,832	383	42,816	38,145	320	47,382	41,507	291	39,153	67,763	462	22,277	98,369	933
2016	162,218	51,893	217	12,281	27,800	559	42,897	36,702	296	48,128	40,201	277	37,272	67,267	508	21,639	95,203	909
2015	161,074	49,994	209	13,159	25,315	422	42,404	35,615	271	47,961	38,943	261	36,348	65,482	516	21,199	92,525	898
2014	158,000	47,653	196	13,197	25,236	494	42,529	34,099	240	47,023	37,945	283	35,305	62,466	452	19,944	88,056	855
2013	156,031	46,187	219	12,961	23,755	482	42,433	32,881	248	46,952	36,428	282	34,422	59,661	495	19,261	90,304	1,074
2012	155,148	45,598	182	13,030	21,622	303	41,915	32,630	239	47,469	35,943	234	33,948	60,159	428	18,783	89,253	882
2011	152,711	44,729	176	13,594	21,107	247	42,129	32,493	254	45,999	35,585	218	33,188	59,415	395	17,800	87,981	899
2010	151,747	42,956	157	13,540	20,935	340	42,650	30,999	201	45,604	34,469	189	32,371	57,619	398	17,582	83,930	747
2009	152,707	42,469	165	14,083	20,241	281	44,396	30,627	188	45,239	34,773	216	32,127	56,665	405	16,860	85,818	873
2008	155,989	42,588	164	15,317	21,022	292	45,182	31,282	200	46,682	34,808	202	31,800	58,612	444	17,025	82,144	785

Prefabricated CPS tables provide mean earnings by educational attainment, but what if we need income instead of earnings, broken out by age group?

- Visit Microdata Access at data.census.gov/mdat



- Choose Dataset and Vintage:
 - Dataset – CPS Annual Social and Economic (March) Supplement
 - Vintage – MAR 2022
 - Click **Next** in the lower right

Select a Dataset & Vintage

Select Dataset

CPS Annual Social and Economic (March) Supplement

CPSASEC

Select Vintage

MAR 2022

202203

NEXT

- **Search for Variables** – Use the search box below “Variable” or “Label” to find your variables of interest

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Explore Data / Microdata / Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (0) TABLE LAYOUT DOWNLOAD

filter by Topic ▼ Search is not enabled in this beta version **SEARCH**

Showing 707 of 1056 Variables Select at least one variable to start

	Variable	Label	Number of Values	Type	
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="checkbox"/>	A_AGE	Demographics, Age	1	Edited Items	▼ DETAILS
<input type="checkbox"/>	A_SEX	Demographics, Sex	2	Edited Items	▼ DETAILS
<input type="checkbox"/>	PEAFWHN3	Demographics - past military service period of active duty	10	Edited Items	▼ DETAILS
<input type="checkbox"/>	PEAFWHN2	Demographics - past military service period of active duty	10	Edited Items	▼ DETAILS
<input type="checkbox"/>	PEAFWHN1	Demographics - past military service period of active duty	10	Edited Items	▼ DETAILS
<input type="checkbox"/>	PEAFEVER	Veteran status - ever served	3	Edited Items	▼ DETAILS
<input type="checkbox"/>	PEAFWHN4	Demographics - past military service period of active duty	10	Edited Items	▼ DETAILS
<input type="checkbox"/>	A_USLHRS	Current job, Hours, usually worked at main job	4	Edited Items	▼ DETAILS
<input type="checkbox"/>	HUNITS	Number of Units in Structure-Household	5	Edited Items	▼ DETAILS
<input type="checkbox"/>	STATPAY_A	State income tax liability - after credits	4	Edited Items	▼ DETAILS

Dataset: CPS Annual Social and Economic (March) Supplement (202203) [CHANGE](#) **VIEW TABLE**

■ Select variable for Person Income:

- Type “PTOTVAL” in the Variable search box or type “persons income” in the label search box
- Click **Details** to browse information about this variable
- Check the box to the left of PTOTVAL to add the variable to your data cart
- Notice the message at the top of the screen saying you will need to create your own categories (or recodes) for this variable if you want it shown in the table. (You will do this action in the Data Cart)

! This variable is continuous and can only go to "Values in table cells". Create a group (recode) to use elsewhere. "Total persons income (PTOTVAL)"

filter by Topic SEARCH

Showing 1 of 1056 Variables Selected: 1 variable (1 column, 1 row)

Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/> PTOTVAL	persons income Total persons income	1	[3] Edited Items, Recodes, Topcod Edited Items

Description:
Total persons income

Values:
• -.99999 to 999999999 -- -.99999:999999999

DETAILS

■ Select variable for Age:

- Type “A_AGE” in the Variable search box or type “Age” in the label search box
- Check the box to the left of A_AGE to add the variable to your data cart
- Notice the message at the top of the screen saying you will need to create your own categories (or recodes) for this variable if you want it shown in the table. (You will do this action in the Data Cart)

The screenshot shows a data selection interface with a warning message at the top: "This variable is continuous but another is already determining cell values; use the 'Values in table cells' drop-down to switch. 'Demographics, Age (A_AGE)'" (highlighted in orange). Below the warning, there are navigation tabs: "SELECT VARIABLES" (underlined), "SELECT GEOGRAPHIES", "DATA CART (2)", "TABLE LAYOUT", and "DOWNLOAD". A search bar contains "filter by Topic" and a "SEARCH" button. A message states "Search is not enabled in this beta version".

The main area shows "Showing 1 of 1056 Variables" and "Selected: 2 variables (1 column, 1 row)". A table lists variables with columns for Variable, Label, Number of Values, and Type. The variable "A_AGE" is selected (checkbox checked) and its label "Demographics, Age" is highlighted. A "DETAILS" button is visible next to the selected variable.

Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/> a_age A_AGE	age Demographics, Age	1	(3) Edited Items, Recodes, Topcodes Edited Items

Description:
Item 18d - Age
Universe = All

Values:
• 0 to 85 -- Range

- Select variable for Educational attainment:
 - Type “A_HGA” in the Variable search box or type “education” in the label search box
 - Check the box to the left of A_HGA to add the variable to your data cart

The screenshot displays the 'SELECT VARIABLES' interface. At the top, navigation tabs include 'SELECT VARIABLES', 'SELECT GEOGRAPHIES', 'DATA CART (3)', 'TABLE LAYOUT', and 'DOWNLOAD'. A search bar on the right contains the text 'Search is not enabled in this beta version' and a 'SEARCH' button. Below the search bar, it indicates 'Showing 1 of 1056 Variables' and 'Selected: 3 variables (17 columns, 1 row)'. A table lists the selected variable:

Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/> A_HGA	education Demographics, Educational attainment	17	(3) Edited Items, Recodes, Topcodes

Below the table, the 'Description' for A_HGA is shown: 'Item 18h - Educational attainment, Universe = All'. The 'Values' section lists: 0 -- Children, 31 -- Less Than 1st Grade, 32 -- 1st, 2nd, 3rd, or 4th grade, 33 -- 5th Or 6th Grade, 34 -- 7th and 8th grade, and 35 -- 9th Grade. A red box highlights the 'DETAILS' link, and a red arrow points from it to the 'Values' list.

- **Select geography:**

- Move to the **Select Geographies** tab
- Since we are getting the estimate for the United States, there is no need to make a selection. If no selection is made, the geography will automatically default to the United States

The screenshot shows a web interface for selecting geographies. At the top, there are five tabs: 'SELECT VARIABLES', 'SELECT GEOGRAPHIES' (which is highlighted with an orange underline), 'DATA CART (3)', 'TABLE LAYOUT', and 'DOWNLOAD'. On the right side of the top bar, there is a teal double-down arrow icon. Below the tabs, the main content area is divided into two sections. The left section is titled 'GEOGRAPHIES' and contains a single entry labeled 'State'. The right section is currently empty. At the bottom of the interface, there is a footer area that includes the text 'Dataset: CPS Annual Social and Economic (March) Supplement (202203)' followed by a teal 'CHANGE' link. On the far right of the footer, there is a grey button labeled 'VIEW TABLE'. A vertical scrollbar is visible on the right edge of the main content area.

- **Categorize (recode) your variable:**

- Move to the **Data Cart** tab
- Click the **A_AGE** variable on the left
- Click **Create Custom Group** to begin specifying your age groups (e.g. Under 18 years and 18 years and over)

The screenshot shows the 'DATA CART (3)' tab in a software interface. On the left, under 'Selected Variables (3)', the variable 'A_AGE' is listed with '1 of 1 responses' and is highlighted with a red box. Below it are 'PTOTVAL' (1 of 1 responses) and 'A_HGA' (17 of 17 responses). On the right, the 'Demographics, Age (A_AGE)' section is open, showing a '+ CREATE CUSTOM GROUP' button highlighted with a red box. Below this button is a table with columns for 'Include in Universe', 'Response Label', and 'Value'. The first row has 'Include in Universe' checked, 'Response Label' empty, and 'Value' empty. The second row has 'Include in Universe' checked, 'Response Label' set to 'Range', and 'Value' set to a range from 0 to 65, indicated by a slider.

- **Categorize (recode) your variable:**

- Click into **Group label** and type a label for the first category you want to create (e.g. Under 18 years)
- Check the box next to the response category for this code (0:85)
- Edit the end range of age from 85 to **17**
- Click **Save Group**

The screenshot shows the 'DATA CART (4)' interface with the following elements:

- Selected Variables (4):**
 - A_AGE:** 1 of 1 responses
 - PTOTVAL:** 1 of 1 responses
 - A_HGA:** 17 of 17 responses
- Demographics, Age recode:**
 - Under 18 years:** Group Label: Under 18 years
 - 14 / 60**
 - Add to Group:**
 - Response Label:** Range
 - Value:** 0 to 17
 - Buttons:** CANCEL, SAVE GROUP

- **Categorize (recode) your variable:**
 - Your first category, Under 18 years, appears just below “Not Elsewhere Classified”
 - Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the category

The screenshot displays the 'DATA CART (4)' section of the United States Census Bureau's data tool. On the left, a 'Selected Variables (4)' panel lists three variables: A_AGE (1 of 1 responses), PTOTVAL (1 of 1 responses), and A_HGA (17 of 17 responses). The main area is titled 'Demographics, Age recode' and features an 'AUTO GROUP' button. Below this, two categories are shown: 'Not Elsewhere Classified' (VALUES: 18:85) and 'Under 18 years' (VALUES: 0:17). Each category has an 'EDIT GROUP' button. The 'EDIT GROUP' button for 'Not Elsewhere Classified' is highlighted with a red rectangular box.

- **Categorize (recode) your variable:**

- Click into **Group label** and type a label for the last category you want to create (e.g. 18 years and over)
- Check the box next to the response category for this code (18:85)
- Click **Save Group**

The screenshot displays the 'Demographics, Age recode' configuration interface. On the left, a sidebar shows 'Selected Variables (4)' including A_AGE, PTOTVAL, and A_HGA. The main area is titled 'Demographics, Age recode' and features an 'AUTO GROUP' button. Below this, a group configuration for '18 years and over' is shown, with a 'Show on table' toggle. A 'Group Label' field contains '18 years and over'. A table below lists response categories with 'Add to Group' checkboxes. The 'Between 18 and 85' category is checked. A slider below the table shows the range from 18 to 85. At the bottom right, 'CANCEL' and 'SAVE GROUP' buttons are visible, with 'SAVE GROUP' highlighted by a red box.

- **Categorize (recode) your variable:**

- Click the **PTOTVAL** variable on the left
- Click **Create Custom Group** to begin specifying your income categories (e.g. Under \$50,000; \$50,000-\$149,999; \$150,000 or more)

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (4)** TABLE LAYOUT DOWNLOAD

Selected Variables (4)

A_AGE
1 of 1 responses

PTOTVAL
1 of 1 responses

A_HGA
17 of 17 responses

Total persons income (PTOTVAL) DETAILS ^

+ CREATE CUSTOM GROUP

<input checked="" type="checkbox"/> Include in Universe	Response Label	Value
<input checked="" type="checkbox"/>		-99999 99999999

- **Categorize (recode) your variable:**

- Click into **Group label** and type a label for the first category you want to create (e.g. Under \$50,000)
- Check the box next to the response category for this code (-99999:99999999)
- Edit the end range of age from 99999999 to **49999**
- Click **Save Group**

The screenshot shows the 'DATA CART (5)' interface with the following elements:

- Selected Variables (5):**
 - A_AGE:** 1 of 1 responses
 - PTOTVAL:** 1 of 1 responses
 - A_HGA:** 17 of 17 responses
- Total persons income recode:**
 - Group Label:** Under \$50,000
 - Response Label:** -99999:99999999
 - Value:** -99999 to 49999
 - Buttons:** CANCEL, SAVE GROUP

■ Categorize (recode) your variable:

- Your first category, Under \$50,000, appears just below “Not Elsewhere Classified”
- Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the next category
- Click into **Group label** and type a label for the next category you want to create (e.g. \$50,000-\$149,999)
- Check the box next to the response category for this code (50000:99999999)
- Edit the end range of age from 99999999 to **149999** and click **Save Group**

The screenshot shows the 'Total persons income recode' interface. On the left, a sidebar lists 'Selected Variables (5)': A_AGE (1 of 1 responses), PTOTVAL (1 of 1 responses), and A_HGA (17 of 17 responses). The main area displays the variable 'Total persons income recode' with an 'AUTO GROUP' button. Below this, two categories are shown: 'Not Elsewhere Classified' (VALUES: 50000:99999999) and 'Under \$50,000' (VALUE: ...). The 'Not Elsewhere Classified' category has an 'EDIT GROUP' button highlighted with a red box. A modal window is open for editing the 'Not Elsewhere Classified' group. The modal title is 'Total persons income recode' and it has an 'AUTO GROUP' button. The group label is '\$50,000-\$149,999' (highlighted with a red box). Below the label, there is a table with columns 'Add to Group', 'Response Label', and 'Value'. The first row has a checked box, 'Between 50000 and 99999999', and a range from 50000 to 149999 (the 149999 is highlighted with a red box). At the bottom of the modal, there are 'CANCEL' and 'SAVE GROUP' buttons (the 'SAVE GROUP' button is highlighted with a red box).

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■ Categorize (recode) your variable:

- The two categories you created appear just below “Not Elsewhere Classified”
- Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the next category
- Click into **Group label** and type a label for the last category you want to create (e.g. \$150,000 or more)
- Check the box next to the response category for this code (150000:99999999)
- Click **Save Group**

The screenshot displays the 'Total persons income recode' interface. On the left, a sidebar shows 'Selected Variables (5)' with A_AGE (1 of 1 responses), PTOTVAL (1 of 1 responses), and A_HGA (17 of 17 responses). The main area shows two existing groups: 'Not Elsewhere Classified' (VALUES: 150000:99999999) and 'Under \$50,000' (VALUES: -99999:49999). A modal window is open for editing the 'Not Elsewhere Classified' group. The modal title is 'Total persons income recode' and it has an 'AUTO GROUP' button. The group label is '\$150,000 or more'. Below the label is a table with columns 'Add to Group', 'Response Label', and 'Value'. The first row has a checked 'Add to Group' box, 'Between 150000 and 99999999' as the response label, and a range from 150000 to 99999999 as the value. A 'SAVE GROUP' button is highlighted in red at the bottom right of the modal. The United States Census Bureau logo is in the bottom left corner.

Selected Variables (5)

- A_AGE
1 of 1 responses
- PTOTVAL
1 of 1 responses
- A_HGA
17 of 17 responses

Total persons income recode AUTO GROUP

Not Elsewhere Classified
VALUES: 150000:99999999 EDIT GROUP

Under \$50,000
VALUES: -99999:49999 EDIT GROUP

Total persons income recode AUTO GROUP

\$150,000 or more Show on table

Group Label
\$150,000 or more

16 / 60

<input checked="" type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	Between 150000 and 99999999	150000 ————— 99999999

CANCEL SAVE GROUP

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- **Categorize (recode) your variable:**

- Click the **A_HGA** variable on the left
- Click **Create Custom Group** to begin specifying your income categories (e.g. Less than high school grad; high school grad; some college or associates degree; bachelor's degree or higher)

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (5)** TABLE LAYOUT DOWNLOAD

Selected Variables (5)

- A_AGE
1 of 1 responses
- PTOTVAL
1 of 1 responses
- A_HGA**
17 of 17 responses

Demographics, Educational attainment (A_HGA) DETAILS ^

+ CREATE CUSTOM GROUP

<input checked="" type="checkbox"/>	Response Label	Value
<input checked="" type="checkbox"/>	Children	0
<input checked="" type="checkbox"/>	Less Than 1st Grade	31
<input checked="" type="checkbox"/>	1st,2nd,3rd, or 4th grade	32
<input checked="" type="checkbox"/>	5th Or 6th Grade	33
<input checked="" type="checkbox"/>	7th and 8th grade	34
<input checked="" type="checkbox"/>	9th Grade	35
<input checked="" type="checkbox"/>	10th Grade	36

■ Categorize (recode) your variable:

- Click into **Group label** and type a label for the first category you want to create (e.g. Less than high school grad)
- Check the boxes next to the response categories for **Children** all the way down to **12th Grade No Diploma**
- Click **Save Group**

	Response Label	Value
<input checked="" type="checkbox"/>	Children	0
<input checked="" type="checkbox"/>	Less Than 1st Grade	31
<input checked="" type="checkbox"/>	1st,2nd,3rd,or 4th grade	32
<input checked="" type="checkbox"/>	5th Or 6th Grade	33
<input checked="" type="checkbox"/>	7th and 8th grade	34
<input checked="" type="checkbox"/>	9th Grade	35
<input checked="" type="checkbox"/>	10th Grade	36
<input checked="" type="checkbox"/>	11th Grade	37
<input checked="" type="checkbox"/>	12th Grade No Diploma	38
<input type="checkbox"/>	High school graduate-high school diplo...	39
<input type="checkbox"/>	Some College But No Degree	40
<input type="checkbox"/>	Assc degree-occupation/vocation	41
<input type="checkbox"/>	Assc degree-academic program	42
<input type="checkbox"/>	Bachelor's degree (BA,AB,BS)	43
<input type="checkbox"/>	Master's degree (MA,MS,MENG,MED,MS...	44
<input type="checkbox"/>	Professional school degree (MD,DDS,DV...	45
<input type="checkbox"/>	Doctorate degree (PHD,EDD)	46

■ Categorize (recode) your variable:

- Your first category, Less than high school grad, appears just below “Not Elsewhere Classified”
- Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the next category
- Click into **Group label** and type a label for the next category you want to create (e.g. High school grad)
- Check the box next to the response category for **High school graduate-high school diploma**
- Click **Save Group**

Demographics, Educational attainment recode

Not Elsewhere Classified
VALUES: 39, 40, 41, 42, 43, 44, 45, 46

EDIT GROUP

Less than high school grad
VALUES: 0, 31, 32, 33, 34, 35, 36, 37, 38

EDIT GROUP

Demographics, Educational attainment recode

High school grad Show on table

Group Label
High school grad

16 / 60

<input type="checkbox"/>	Response Label	Value
<input checked="" type="checkbox"/>	High school graduate-high school diploma	39
<input type="checkbox"/>	Some College But No Degree	40
<input type="checkbox"/>	Assc degree-occupation/vocation	41
<input type="checkbox"/>	Assc degree-academic program	42
<input type="checkbox"/>	Bachelor's degree (BA,AB,BS)	43
<input type="checkbox"/>	Master's degree (MA,MS,MENG,MED,MSW,MBA)	44
<input type="checkbox"/>	Professional school degree (MD,DDS,DV,ML)	45
<input type="checkbox"/>	Doctorate degree (PHD,EDD)	46

CANCEL **SAVE GROUP**

United States Census Bureau

■ Categorize (recode) your variable:

- The two categories you created appear just below “Not Elsewhere Classified”
- Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the next category
- Click into **Group label** and type a label for the last category you want to create (e.g. Some college or associate’s degree)
- Check the boxes next to the response categories for **Some College But No Degree**, **Assc degree-occupation/vocation**, and **Assc degree-academic program** and click **Save Group**

The screenshot displays the 'Demographics, Educational attainment recode' interface. On the left, a sidebar lists 'Selected Variables (6)': A_AGE (1 of 1 responses), PTOTVAL (1 of 1 responses), A_HGA (17 of 17 responses), and A_HGA_RC1 (3 of 3 responses). The main panel shows three categories: 'Not Elsewhere Classified' (VALUES: 40, 41, 42, 43, 44, 45, 46) with an 'EDIT GROUP' button; 'Less than high school grad' (VALUES: 0, 31, 32, 33); and 'High school grad' (VALUES: 39). An inset window shows the 'Some college or associate's degree' group configuration. The 'Group Label' is 'Some college or associate's degree'. A table below lists response categories with checkboxes:

<input type="checkbox"/>	Add to Group	Response Label	Value
<input checked="" type="checkbox"/>		Some College But No Degree	40
<input checked="" type="checkbox"/>		Assc degree-occupation/vocation	41
<input checked="" type="checkbox"/>		Assc degree-academic program	42
<input type="checkbox"/>		Bachelor's degree (BA,AB,BS)	43
<input type="checkbox"/>		Master's degree (MA,MS,MENG,MED,MSW,MBA)	44
<input type="checkbox"/>		Professional school degree (MD,DDS,DVM,L)	45
<input type="checkbox"/>		Doctorate degree (PHD,EDD)	46

At the bottom of the inset window are 'CANCEL' and 'SAVE GROUP' buttons.

■ Categorize (recode) your variable:

- The three categories you created appear just below “Not Elsewhere Classified”
- Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the next category
- Click into **Group label** and type a label for the last category you want to create (e.g. Bachelor’s degree or higher)
- Check the boxes next to the response categories for **Bachelor’s degree (BA,AB,BS)**, **Master’s degree (MA,MS, MENG,MED,MSW,MBA)**, **Professional school degree (MD,DDS,DVM)**, and **Doctorate degree (PHD,EDD)**
- Click **Save Group**

Selected Variables (6)

- A_AGE
1 of 1 responses
- PTOTVAL
1 of 1 responses
- A_HGA
17 of 17 responses
- A_HGA_RC1
4 of 4 responses

Demographics, Educational attainment recode

Not Elsewhere Classified
VALUES: 43, 44, 45, 46

EDIT GROUP

Demographics, Educational attainment recode

Bachelor's degree or higher
Show on table

Group Label
Bachelor's degree or higher

27 / 60

<input checked="" type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	Bachelor's degree (BA,AB,BS)	43
<input checked="" type="checkbox"/>	Master's degree (MA,MS,MENG,MED,MSW,MBA)	44
<input checked="" type="checkbox"/>	Professional school degree (MD,DDS,DVM,L)	45
<input checked="" type="checkbox"/>	Doctorate degree (PHD,EDD)	46

CANCEL SAVE GROUP

Less than high school grad

- Confirm variable selections
 - Confirm variable selections and click the **Table Layout** tab

The screenshot displays a web interface for data analysis. At the top, there are navigation tabs: 'SELECT VARIABLES', 'SELECT GEOGRAPHIES', 'DATA CART (6)', 'TABLE LAYOUT' (highlighted with a red box), and 'DOWNLOAD'. Below the tabs, on the left, is a 'Selected Variables (6)' panel, also outlined in red, containing a list of variables: A_AGE (1 of 1 responses), PTOTVAL (1 of 1 responses), A_HGA (17 of 17 responses), A_HGA_RC1 (4 of 4 responses), PTOTVAL_RC1 (3 of 3 responses), and A_AGE_RC1 (2 of 2 responses). Each variable has a trash icon to its right. On the right side, under the heading 'Demographics, Educational attainment recode', there are four categories with their respective values and an 'EDIT GROUP' button: 'Less than high school grad' (VALUES: 0, 31, 32, 33, 34, 35, 36, 37, 38), 'High school grad' (VALUES: 39), 'Some college or associate's degree' (VALUES: 40, 41, 42), and 'Bachelor's degree or higher' (VALUES: 43, 44, 45, 46). At the bottom left, the dataset is identified as 'CPS Annual Social and Economic (March) Supplement (202203)' with a 'CHANGE' link. At the bottom right, there is a 'VIEW TABLE' button.

- View variable placement in the default table layout:
 - **Values in table cells Options** – When variables are shown here, you have more options to choose from in the drop down menu for “Values in table cells”
 - **Columns/Rows – Variables will be shown in the table.** By default, the table is providing data by geography (United States) by educational attainment in the columns.
 - **Not on Table – Can restrict the universe.** By default, A_HGA_RC1, PTOTVAL_RC1, and A_AGE_RC1 are not on the table, and they do not restrict the universe because the recodes include the full range of values

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (6) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (2)
Determines order in list; cannot move to row/column

A_AGE 1 of 1 responses

PTOTVAL 1 of 1 responses

Columns (1)
17 columns (maximum 400)

A_HGA 17 of 17 responses

Rows (0)
rows (maximum 2000)

Not on table (3)
(may restrict the sample universe)

A_HGA_RC1 4 of 4 responses

PTOTVAL_RC1 3 of 3 responses

A_AGE_RC1 2 of 2 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Universe: default universe (usually US)

Average of Total persons income (PTOTVAL)

Demographics, Educational attainment (A_HGA)													
Children	Less Than 1st Grade	1st,2nd,3rd,or 4th grade	5th Or 6th Grade	7th and 8th grade	9th Grade	10th Grade	11th Grade	12th Grade No Diploma	High school graduate-high school diploma	Some College But No Degree	Assc degree-occupation/voc	Assc degree-academic program	Bachelor's degree (BA,AB,BS)
???	???	???	???	???	???	???	???	???	???	???	???	???	???

- Choose type of values in table cells
 - Change the “Value in table cells” option from Average of Total persons income (PTOTVAL) to **Count**. This will give you data for the total number of people within the requested categories in the United States

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (6) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (2)
Determines order in list; cannot move to row/column

A_AGE	1 of 1 responses
PTOTVAL	1 of 1 responses

Columns (1)
3 columns (maximum 400)

PTOTVAL_RC1	3 of 3 responses
-------------	------------------

Rows (2)
8 rows (maximum 2000)

A_AGE_RC1	2 of 2 responses
A_HGA_RC1	4 of 4 responses

Not on table (1)
(may restrict the sample universe)

A_HGA	17 of 17 responses
-------	--------------------

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: **Count**

Average of Demographics, Age (A_AGE)

Average of Total persons income (PTOTVAL)

Universe: default universe (usually US)

attainment recode (A_HGA_RC1)	< \$9,999	\$10,000 - \$14,999	\$15,000 or more
Under 18 years (4)			
Less than high school gr...	???	???	???
High school grad	???	???	???
Some college or associa...	???	???	???
Bachelor's degree or hi...	???	???	???
18 years and over (4)			
Less than high school gr...	???	???	???
High school grad	???	???	???
Some college or associa...	???	???	???
Bachelor's degree or hi...	???	???	???

Dataset: CPS Annual Social and Economic (March) Supplement (202203) [CHANGE](#) [VIEW TABLE](#)

- Confirm Table Layout:
 - Confirm table layout and click **View Table** in the lower right

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (6) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (2)
Determines order in list; cannot move to row/column

A_AGE 1 of 1 responses

PTOTVAL 1 of 1 responses

Columns (1)
3 columns (maximum 400)

PTOTVAL_RC1 3 of 3 responses

Rows (2)
8 rows (maximum 2000)

A_AGE_RC1 2 of 2 responses

A_HGA_RC1 4 of 4 responses

Not on table (1)
(may restrict the sample universe)

A_HGA 17 of 17 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Universe: default universe (usually US)

Count

Show Total

Demographics, Educational attainment recode (A_HGA RC1)	Total persons income recode (PTOTVAL RC1)			
	Total	Under \$50,000	\$50,000-\$149,999	\$150,000 or more
▼ ??? (8)	0	0	0	0
▼ Under 18 years (4)	0	0	0	0
Less than high school ...	???	???	???	???
High school grad	???	???	???	???
Some college or assoc...	???	???	???	???
Bachelor's degree or ...	???	???	???	???
▼ 18 years and over (4)	0	0	0	0
Less than high school ...	???	???	???	???
High school grad	???	???	???	???
Some college or assoc...	???	???	???	???
Bachelor's degree or ...	???	???	???	???

Dataset: CPS Annual Social and Economic (March) Supplement (202203) [CHANGE](#)

VIEW TABLE

■ View Table:

Custom Table
CUSTOMIZE VARIABLES
DOWNLOAD / SHARE
DETAILS ▾

Dataset: CPS Annual Social and Economic (March) Supplement [CHANGE DATASET](#)

Vintage: MAR 2022

Geography: 0 geographies selected [CHANGE GEOGRAPHY](#)

Weighting: Weight, March supplement - Person

On Columns +

PTOTVAL_RC1

Not on Table +

A_HGA

On Rows +

A_AGE_RC1 A_HGA_RC1

"Values in table cells" Options +

A_AGE PTOTVAL

Values in table cells:

Count ▾

Universe: default universe (usually US)

Show Total

Demographics, Educational attainment recode (A_HGA_RC1)	Total persons income recode (PTOTVAL_RC1)			
	Total	Under \$50,000	\$50,000-\$149,999	\$150,000 or more
▼ Total (8)	328,721,882	236,014,065	77,286,948	15,420,869
▼ Total Under 18 years (4)	73,466,921	73,376,314	64,469	26,138
Less than high school grad	72,940,718	72,883,143	38,347	19,228
High school grad	294,234	279,604	14,231	399
Some college or associate's degree	164,367	161,058	3,309	0
Bachelor's degree or higher	67,602	52,509	8,582	6,511
▼ Total 18 years and over (4)	255,254,961	162,637,751	77,222,479	15,394,731
Less than high school grad	24,392,214	22,372,375	1,892,129	127,710
High school grad	74,530,005	58,455,277	14,906,729	1,167,999
Some college or associate's degree	67,486,408	46,960,592	18,819,662	1,706,154
Bachelor's degree or higher	88,846,334	34,849,507	41,603,959	12,392,868

Send Feedback census.data@census.gov

Demo

Example 2:

Language spoken at home by age in New Jersey

Table B16002 – Detailed Household Language

American Community Survey

B16002 | DETAILED HOUSEHOLD LANGUAGE BY HOUSEHOLD LIMITED ENGLISH SPEAKING STATUS

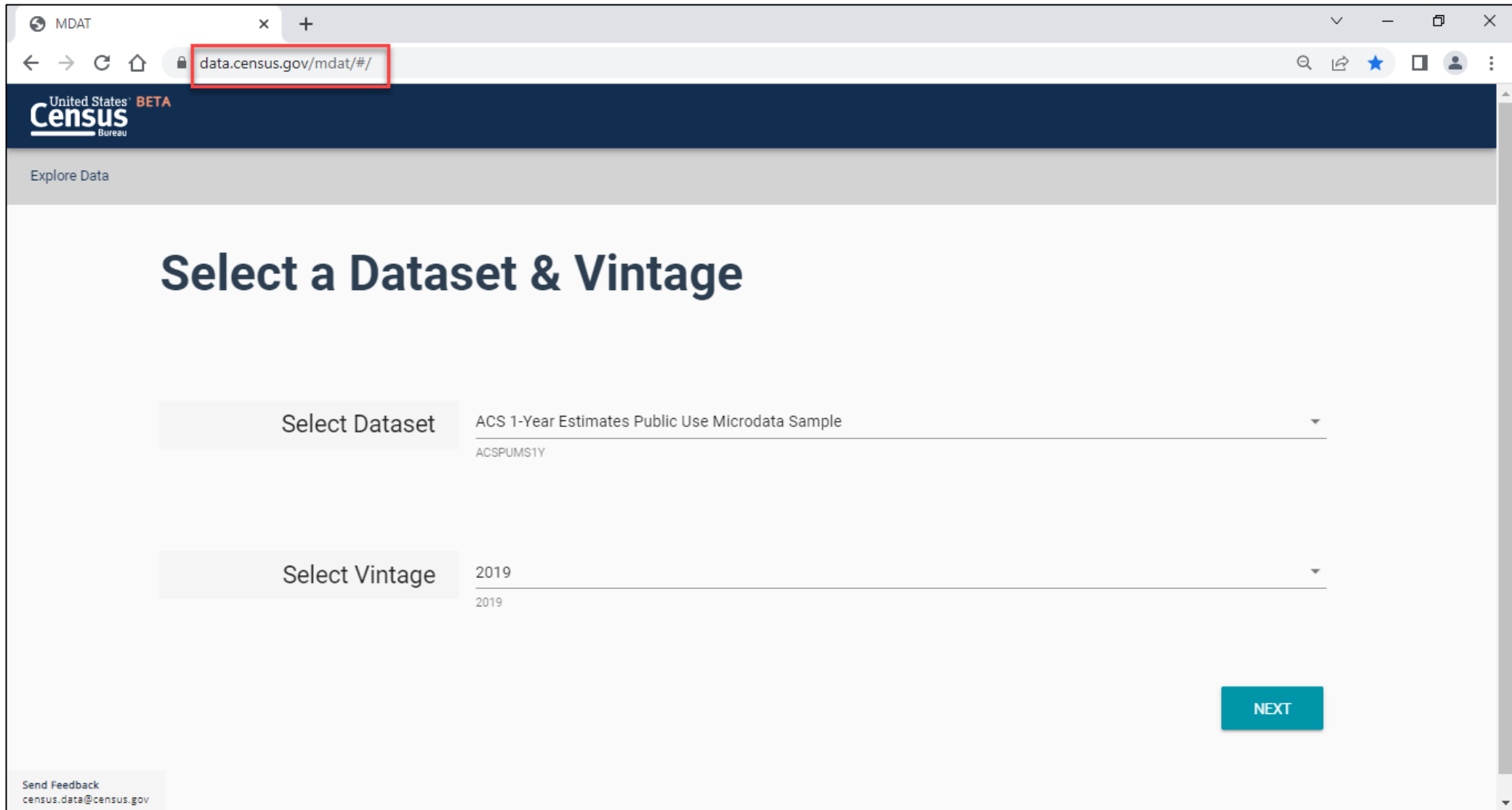
2021: ACS 1-Year Estimates Detailed Tables | Universe: Households

Notes | Geos | Years | **Topics** | Surveys | Codes | Hide | Transpose | **Margin of Error** | Restore | Excel | CSV | ZIP | Print | Map

United States		
Label	Estimate	Margin of Error
▼ Total:	127,544,730	±97,632
English only	98,882,049	±112,843
▼ Spanish:	16,323,914	±47,225
Limited English speaking household	3,125,459	±32,825
Not a limited English speaking household	13,198,455	±52,545
▼ French, Haitian, or Cajun:	1,097,937	±18,239
Limited English speaking household	132,823	±8,149
Not a limited English speaking household	965,114	±19,202
▼ German or other West Germanic languages:	789,314	±13,862
Limited English speaking household	53,596	±4,060
Not a limited English speaking household	735,718	±13,453
▼ Russian, Polish, or other Slavic languages:	1,130,147	±18,251
Limited English speaking household	269,419	±8,265
Not a limited English speaking household	860,728	±18,848
▼ Other Indo-European languages:	2,769,733	±30,307
Limited English speaking household	372,776	±11,574
Not a limited English speaking household	2,396,957	±29,024

Annually released prefabricated ACS tables provide data about detailed language spoken at home, but what if we want this data by age?

- Visit Microdata Access at data.census.gov/mdat



- Choose Dataset and Vintage:
 - Dataset – ACS 1-Year Estimates – Public Use Microdata Sample
 - Vintage – 2019
 - Click **Next** in the lower right

Select a Dataset & Vintage

Select Dataset ACS 1-Year Estimates-Public Use Microdata Sample
ACSPUMS1Y

Select Vintage 2019
2019

NEXT

- **Search for Variables:** Use the search box below “Variable” or “Label” to find your variables of interest

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (0) TABLE LAYOUT DOWNLOAD

filter by Topic

Search is not enabled in this beta version

SEARCH

Showing 216 of 510 Variables

Select at least one variable to start

	Variable	Label	Number of Values	Type	
<input type="checkbox"/>	AGEP	Age	2	Estimate	▼ DETAILS
<input type="checkbox"/>	ANC	Ancestry categorization	5	Edited Items	▼ DETAILS
<input type="checkbox"/>	DRIVESP	Number of vehicles calculated from JWRI	7	Estimate	▼ DETAILS
<input type="checkbox"/>	FES	Family type and employment status	9	Estimate	▼ DETAILS
<input type="checkbox"/>	FPARC	Presence, age of related children	5	Recodes	▼ DETAILS
<input type="checkbox"/>	GRPIP	Gross rent as a percentage of household income past 12 mon...	3	Estimate	▼ DETAILS
<input type="checkbox"/>	HISP	Hispanic recode	24	Recodes	▼ DETAILS
<input type="checkbox"/>	JWAP	Time of arrival at work categorization	286	Edited Items	▼ DETAILS
<input type="checkbox"/>	JWDP	Time of departure for work - hour and minute	151	Estimate	▼ DETAILS
<input type="checkbox"/>	JWMNP	Travel time to work	2	Estimate	▼ DETAILS
<input type="checkbox"/>	IMRID	Vehicle occupancy	11	Estimate	▼ DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) [CHANGE](#)

VIEW TABLE

- Select variable for Language Spoken at Home:
 - Type “LANP” in the Variable search box or type “language” in the label search box
 - Check the box to the left of LANP to add the variable to data cart

The screenshot shows the 'SELECT VARIABLES' interface. At the top, there are navigation tabs: 'SELECT VARIABLES' (active), 'SELECT GEOGRAPHIES', 'DATA CART (1)', 'TABLE LAYOUT', and 'DOWNLOAD'. Below these is a search bar with the text 'filter by Topic' and a search button labeled 'SEARCH'. A message states 'Search is not enabled in this beta version'. The main area displays 'Showing 2 of 515 Variables' and 'Selected: 1 variable (1 column, 131 rows)'. A table lists variables with columns for 'Variable', 'Label', 'Number of Values', and 'Type'. The variable 'LANP' is selected, indicated by a checked checkbox and a red box around its label 'Language spoken at home'. A red arrow points from the 'DETAILS' link for LANP to the 'Values' section below, which lists language codes and their corresponding languages.

Variable	Label	Number of Values	Type
HHLANP	Detailed household language	132	Estimate
<input checked="" type="checkbox"/> LANP	Language spoken at home	131	Estimate

Description:

Values:

- 999 -- N/A (GQ/vacant)
- 1000 -- Jamaican Creole English
- 1025 -- Other English-based Creole languages
- 1055 -- Haitian
- 1069 -- Kabuverdianu
- 1110 -- German

- **Select variable for Age:**
 - Type “AGEP” in the Variable search box or type “Age” in the label search box
 - Check the box to the left of AGEP to add the variable to your data cart
 - Notice the message at the top of the screen saying you will need to create your own categories (or recodes) for this variable if you want it shown in the table. (You will do this action in the Data Cart)

This variable is continuous and can only go to "Values in table cells". Create a group (recode) to use elsewhere. "Age (AGEP)"

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (2) TABLE LAYOUT DOWNLOAD

filter by Topic Search is not enabled in this beta version SEARCH

Showing 1 of 515 Variables Selected: 2 variables (1 column, 131 rows)

Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/> agep	age	2	(3) Edited Items, Estimate, Recodes
<input checked="" type="checkbox"/> AGEP	Age	2	Estimate

Details for AGEP:

Description:
Age

Values:

- 1 to 99 -- 1 to 99 years (Top-coded****)
- 00 -- Under 1 year

[^ DETAILS](#)

- **Select geography:**
 - Click the **SELECT GEOGRAPHIES** tab
 - Click **State** and check the box for **New Jersey**

SELECT VARIABLES **SELECT GEOGRAPHIES** DATA CART (2) TABLE LAYOUT DOWNLOAD

GEOGRAPHIES

Region

Division

State

Public Use Microdata Area (PUMA)

STATE

- Nebraska
- Nevada
- New Hampshire
- New Jersey**
- New Mexico
- New York
- North Carolina
- North Dakota
- Ohio

New Jersey ✕

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#) [VIEW TABLE](#)

- **Categorize (recode) your variable:**

- Move to the **Data Cart** tab
- Click the **AGEP** variable on the left
- Click **Create Custom Group** to begin specifying your age groups (e.g. Under 18 years and 18 years and over)

The screenshot shows the 'Data Cart (2)' tab in a software interface. On the left, under 'Selected Variables (2)', the 'AGEP' variable is highlighted with a red box. It shows '2 of 2 responses' and a trash icon. Below it is 'LANP' with '131 of 131 responses'. On the right, the 'Age (AGEP)' variable details are shown. A red box highlights the '+ CREATE CUSTOM GROUP' button. Below this, there is a table with columns for 'Include in Universe', 'Response Label', and 'Value'. The first row has a checked box, '1 to 99 years (Top-coded***)', and a slider from 1 to 99.

Include in Universe	Response Label	Value
<input checked="" type="checkbox"/>	1 to 99 years (Top-coded***)	1 ————— 99

- **Categorize (recode) your variable:**

- Click into **Group label** and type a label for the first category you want to create (e.g. Under 18 years)
- Check the boxes next to the response categories for this code (Under 1 year and 1:99 years)
- Edit the end range of age from 99 to **17**
- Click **Save Group**

The screenshot displays the 'DATA CART (3)' interface with the following elements:

- Selected Variables (3):**
 - AGEP:** 2 of 2 responses
 - LANP:** 131 of 131 responses
 - AGEP_RC1:** 1 of 1 responses
- Age recode configuration:**
 - Group Label:** Under 18 years
 - Response Categories:**

Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	1 to 99 years (Top-coded***)	1
<input checked="" type="checkbox"/>	Under 1 year	00
 - Range Slider:** The range for '1 to 99 years (Top-coded***)' is set to 17.
 - Buttons:** AUTO GROUP, CANCEL, and SAVE GROUP.

- **Categorize (recode) your variable:**
 - Your first category, Under 18 years, appears just below “Not Elsewhere Classified”
 - Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the category

The screenshot displays the 'DATA CART (3)' section of a software interface. On the left, a 'Selected Variables (3)' panel lists three variables: AGEP (2 of 2 responses), LANP (131 of 131 responses), and AGEP_RC1 (2 of 2 responses). The main area is titled 'Age recode' and shows two categories: 'Not Elsewhere Classified' (VALUES: 18:99) and 'Under 18 years' (VALUES: 1:17,00). Each category has an 'EDIT GROUP' button. The 'EDIT GROUP' button for 'Not Elsewhere Classified' is highlighted with a red rectangle. An 'AUTO GROUP' button is also visible at the top right of the recoding section.

- **Categorize (recode) your variable:**

- Click into **Group label** and type a label for the last category you want to create (e.g. 18 years and over)
- Check the box next to the response category for this code (18:99)
- Click **Save Group**

The screenshot shows the 'DATA CART (3)' interface with three selected variables: AGEP, LANP, and AGEP_RC1. The 'Age recode' configuration for AGEP_RC1 is shown on the right. The '18 years and over' group is active, with a 'Group Label' of '18 years and over' and a 'Show on table' toggle. A table lists response categories, with 'Between 18 and 99' selected. A slider shows the range from 18 to 99. The 'SAVE GROUP' button is highlighted.

Response Label	Value
Between 18 and 99	18 - 99

- View variable placement in the default table layout:
 - Move to the **Table Layout** tab
 - **Columns/Rows – Variables will be shown in the table.** By default, the table is providing the average age for the language spoken at home in the rows.

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (1)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

Columns (0)
columns (maximum 400)

Rows (2)
131 rows (maximum 2000)

SELECTED GEOGRAPHIES 1 of 1 responses

LANP 131 of 131 responses

Not on table (1)
(may restrict the sample universe)

AGEP_RC1 2 of 2 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Universe: selected geographies: New Jersey

Average of Age (AGEP)

Language spoken at home (LANP)	Average of Age (AGEP)
New Jersey (131)	0
N/A (GQ/vacant)	???
Jamaican Creole English	???
Other English-based Creole languages	???
Haitian	???
Kabuverdianu	???
German	???
Swiss German	???
Pennsylvania German	???
Yiddish	???

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#) [VIEW TABLE](#)

- Edit Table Layout:
 - Move Age Recode to Columns:
 - Click, hold and drag AGEP_RC1 on the left side of the page up to the columns heading. This will give you a table layout with the different languages as the rows and the age categories as the columns

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (1)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

Columns (0)
columns (maximum 400)

Rows (2)
131 rows (maximum 2000)

SELECTED GEOGRAPHIES 1 of 1 responses

LANP 131 of 131 responses

Not on table (1)
(may restrict the sample universe)

AGEP_RC1 2 of 2 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Universe: selected geographies: New Jersey

Average of Age (AGEP)

Language spoken at home (LANP)	
New Jersey (131)	0
N/A (GQ/vacant)	???
Jamaican Creole English	???
Other English-based Creole languages	???
Haitian	???
Kabuverdianu	???
German	???
Swiss German	???
Pennsylvania German	???
Yiddish	???

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#) [VIEW TABLE](#)

- Choose type of values in table cells
 - Change the “Value in table cells” option from Average of Age (AGEP) to **Count**. This will give you data for the total number of people within the requested categories in New Jersey

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (1)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

Columns (1)
2 columns (maximum 400)

AGEP_RC1 2 of 2 responses

Rows (2)
131 rows (maximum 2000)

SELECTED GEOGRAPHIES 1 of 1 responses

LANP 131 of 131 responses

Not on table (0)
(may restrict the sample universe)

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Universe: selected geographies: New Jersey

Count

Average of Age (AGEP)

Language spoken at home (LANP)	Under 18 years	18 years and over
▼ New Jersey (131)		
N/A (GQ/vacant)	???	???
Jamaican Creole English	???	???
Other English-based Cr...	???	???
Haitian	???	???
Kabuverdianu	???	???
German	???	???
Swiss German	???	???
Pennsylvanian German	???	???

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#)

VIEW TABLE

Confirm Table Layout:

- Confirm table layout and click **View Table** in the lower right

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (3) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (1)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

Columns (1)
2 columns (maximum 400)

AGEP_RC1 2 of 2 responses

Rows (2)
131 rows (maximum 2000)

SELECTED GEOGRAPHIES 1 of 1 responses

LANP 131 of 131 responses

Not on table (0)
(may restrict the sample universe)

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Universe: selected geographies: New Jersey

Show Total

Language spoken at home (LANP)	Age recode (AGEP_RC1)		
	Total	Under 18 years	18 years and over
???	0	0	0
New Jersey (131)	0	0	0
N/A (GQ/vacant)	???	???	???
Jamaican Creole English	???	???	???
Other English-based C...	???	???	???
Haitian	???	???	???
Kabuverdianu	???	???	???

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#)

VIEW TABLE

View Table

United States **BETA**
Census Bureau

Custom Table

CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS ▾

Dataset: ACS 1-Year Estimates Public Use Microdata Sample [CHANGE DATASET](#)

Geography: 1 geographies selected [CHANGE GEOGRAPHY](#)

Vintage: **2019**

Weighting: **PUMS person weight**

On Columns + **On Rows** +

AGEP_RC1 **Selected Geographies** **LANP**

Not on Table + "Values in table cells" Options +

AGEP

Values in table cells: **Count** Universe: selected geographies: New Jersey

Show Total

Language spoken at home (LANP)	Age recode (AGEP_RC1)		
	Total	Under 18 years	18 years and over
▼ Total (131)	8,882,190	1,932,681	6,949,509
▼ Total New Jersey (131)	8,882,190	1,932,681	6,949,509
N/A (GO/vacant)	6,171,596	1,489,275	4,682,321
Jamaican Creole English	3,355	201	3,154
Other English-based Creole languages	3,392	328	3,064
Haitian	51,323	6,017	45,306
Send Feedback census.data@census.gov	0	0	0
	20,811	2,245	18,566

- Sort Table:

- Click the column header to sort the column in ascending or descending order

Language spoken at home (LANP)	Age recode (AGEP_RC1)		
	Total	Under 18 years	18 years and over ↓
▼ Total (131)	8,882,190	1,932,681	6,949,509
▼ Total New Jersey (131)	8,882,190	1,932,681	6,949,509
N/A (GQ/vacant)	6,171,596	1,489,275	4,682,321
Spanish	1,426,621	279,357	1,147,264
Chinese	85,553	9,963	75,590
Hindi	83,778	8,807	74,971
Gujarati	82,103	8,357	73,746
Portuguese	85,019	11,793	73,226
Korean	75,570	7,959	67,611
Italian	57,961	3,354	54,607
Polish	61,198	6,873	54,325
Arabic	61,918	11,818	50,100
Russian	52,523	6,851	45,672
Haitian	51,323	6,017	45,306
Tagalog	41,895	2,730	39,165
French	37,636	4,137	33,499

- Download:
 - Click Download/Share at the top of the table

Custom Table CUSTOMIZE VARIABLES **DOWNLOAD / SHARE** DETAILS ▾

Dataset: ACS 1-Year Estimates Public Use Microdata Sample [CHANGE DATASET](#) Geography: 1 geographies selected [CHANGE GEOGRAPHY](#)

Vintage: 2019 ▾ Weighting: PUMS person weight ▾

On Columns + **On Rows** +

AGEP_RC1 **Selected Geographies** **LANP**

Not on Table + "Values in table cells" Options +

AGEP

Values in table cells: Count ▾ Universe: selected geographies: New Jersey

Show Total

Language spoken at home (LANP)	Age recode (AGEP_RC1)		
	Total	Under 18 years	18 years and over ▾
▼ Total (131)	8,882,190	1,932,681	6,949,509
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Spanish	1,426,621	279,357	1,147,264
Chinese	85,553	9,963	75,590
Hindi	83,778	8,807	74,971
Send Feedback census.data@census.gov	82,103	8,357	73,746

Demo

Example 3:

Poverty by age for Gloucester County PUMAs

Table B17024 – Age by Ratio of Income to Poverty Level in the Past 12 Months

American Community Survey

B17024 | AGE BY RATIO OF INCOME TO POVERTY LEVEL IN THE PAST 12 MONTHS

2021: ACS 1-Year Estimates Detailed Tables | Universe: Population for whom poverty status is determined

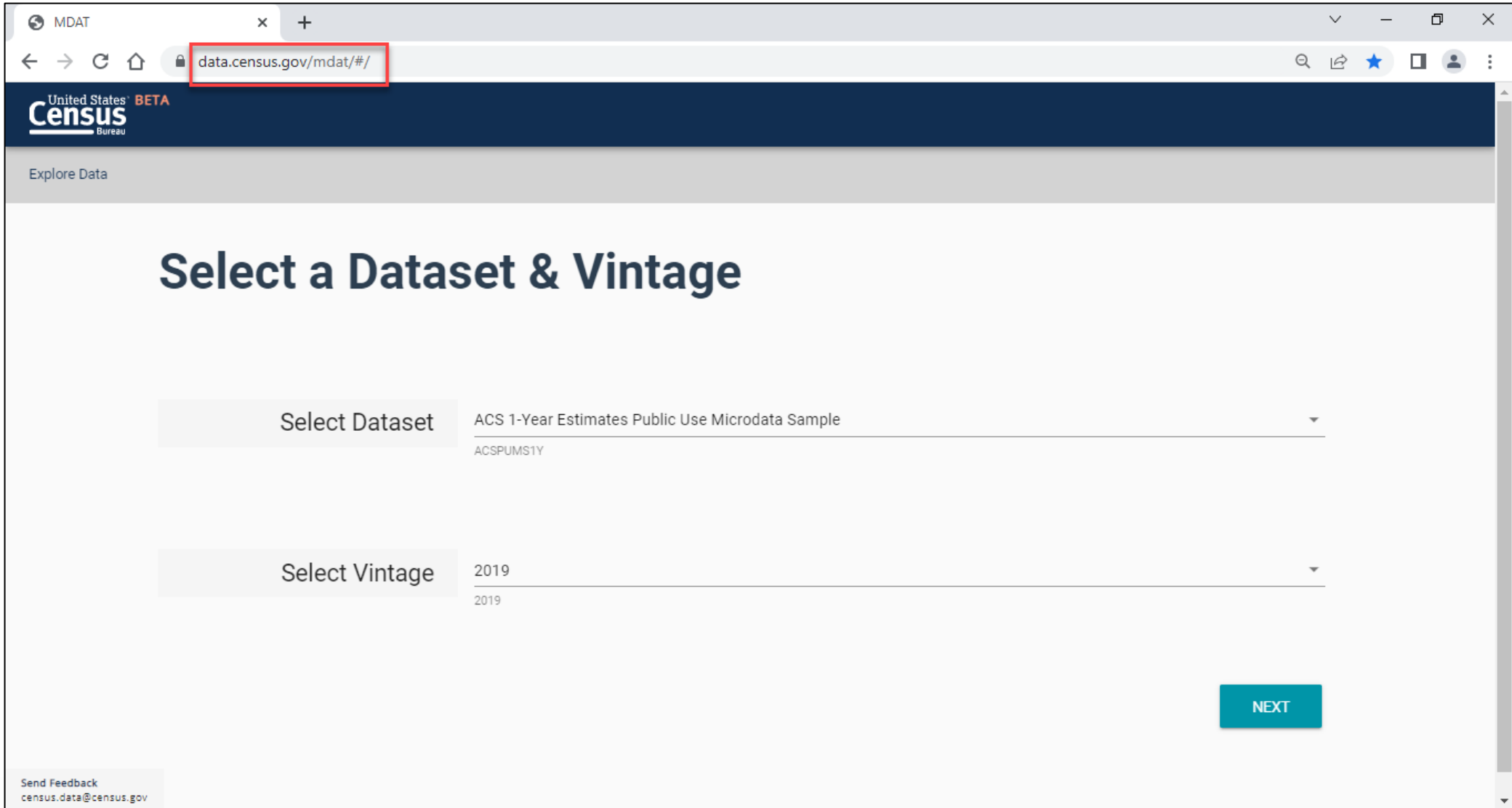
Notes | Geos | Years | **Topics** | Surveys | Codes | Hide | Transpose | **Margin of Error** | Restore | Excel | CSV | ZIP

	United States	
Label	Estimate	Margin of Error
▼ Total:	324,173,084	±30,338
▼ Under 6 years:	22,166,651	±37,594
Under .50	2,031,903	±42,912
.50 to .74	915,072	±24,561
.75 to .99	1,085,082	±28,749
1.00 to 1.24	1,139,731	±29,335
1.25 to 1.49	1,182,569	±28,028
1.50 to 1.74	1,112,518	±26,338
1.75 to 1.84	390,199	±15,099
1.85 to 1.99	692,051	±21,200
2.00 to 2.99	3,735,110	±42,988
3.00 to 3.99	2,851,643	±39,374
4.00 to 4.99	2,015,879	±34,079
5.00 and over	5,014,894	±48,044
▼ 6 to 11 years:	24,000,745	±70,105

Tabulated ACS tables in data.census.gov provide ratios of income to poverty level by age, but what if we need it for a different ratio of income to poverty not provided, such as 2.50 and above?



- Visit Microdata Access at data.census.gov/mdat



- Choose Dataset and Vintage:
 - Dataset – ACS 1-Year Estimates – Public Use Microdata Sample
 - Vintage – 2019
 - Click **Next** in the lower right

Select a Dataset & Vintage

Select Dataset ACS 1-Year Estimates-Public Use Microdata Sample ▼
ACSPUMS1Y

Select Vintage 2019 ▼
2019

NEXT

- **Search for Variables** – Use the search box below “Variable” or “Label” to find your variables of interest

BETA

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (0) TABLE LAYOUT DOWNLOAD

filter by Topic Search is not enabled in this beta version **SEARCH**

Showing 216 of 510 Variables Select at least one variable to start

	Variable	Label	Number of Values	Type	
<input type="checkbox"/>	AGEP	Age	2	Estimate	DETAILS
<input type="checkbox"/>	ANC	Ancestry categorization	5	Edited Items	DETAILS
<input type="checkbox"/>	DRIVESP	Number of vehicles calculated from JWRI	7	Estimate	DETAILS
<input type="checkbox"/>	FES	Family type and employment status	9	Estimate	DETAILS
<input type="checkbox"/>	FPARC	Presence, age of related children	5	Recodes	DETAILS
<input type="checkbox"/>	GRPIP	Gross rent as a percentage of household income pa...	3	Estimate	DETAILS
<input type="checkbox"/>	HISP	Hispanic recode	24	Recodes	DETAILS
<input type="checkbox"/>	JWAP	Time of arrival at work categorization	286	Edited Items	DETAILS
<input type="checkbox"/>	JWDP	Time of departure for work - hour and minute	151	Estimate	DETAILS
<input type="checkbox"/>	JWMNP	Travel time to work	2	Estimate	DETAILS

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2019) [CHANGE](#) **VIEW TABLE**

■ Select variable for Income-to-poverty Ratio:

- Type “POVPIP” in the Variable search box or type “poverty” in the label search box
- Check the box to the left of POVPIP to add the variable to your data cart
- Notice the message at the top of the screen saying you will need to create your own categories (or recodes) for this variable if you want it shown in the table. (You will do this action in the Data Cart)

This variable is continuous and can only go to "Values in table cells". Create a group (recode) to use elsewhere. "Income-to-poverty ratio recode (POVPIP)"

filter by Topic Search is not enabled in this beta version SEARCH

Showing 1 of 515 Variables Selected: 1 variable (1 column, 1 row)

Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/> POVPIP	Income-to-poverty ratio recode	3	Recodes

Description:
Income-to-poverty ratio recode

Values:

- 0 to 500 -- Below 501 percent
- -1 -- N/A
- 501 -- 501 percent or more

[^ DETAILS](#)

■ Select variable for Age:

- Type “AGEP” in the Variable search box or type “Age” in the label search box
- Check the box to the left of AGEP to add the variable to your data cart
- Notice the message at the top of the screen saying you will need to create your own categories (or recodes) for this variable if you want it shown in the table. (You will do this action in the Data Cart)

This variable is continuous but another is already determining cell values; use the "Values in table cells" drop-down to switch. "Age (AGEP)"

filter by Topic SEARCH

Showing 1 of 515 Variables Selected: 2 variables (1 column, 1 row)

Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/> agep AGEP	age Age	2	(3) Edited Items, Estimate, Recodes Estimate

Description:
Age

Values:

- 1 to 99 -- 1 to 99 years (Top-coded***)
- 00 -- Under 1 year

[^ DETAILS](#)

■ Select geography:

- Click the **SELECT GEOGRAPHIES** tab
- Click **Public Use Microdata Area (PUMA)** and click on **New Jersey**
- Check the boxes for the two **Gloucester County PUMAs**

The screenshot displays a web interface for selecting geographies. At the top, there are navigation tabs: 'SELECT VARIABLES', 'SELECT GEOGRAPHIES' (highlighted with a red box), 'DATA CART (2)', 'TABLE LAYOUT', and 'DOWNLOAD'. On the left, a 'GEOGRAPHIES' sidebar has 'Public Use Microdata Area (PUMA)' selected (highlighted with a red box). The main area is divided into three columns: 'PUBLIC USE MICRODATA AREA (PUMA) (STATE)', 'NEW JERSEY', and a list of PUMAs. In the 'STATE' column, 'New Jersey' is selected (highlighted with a red box). In the 'NEW JERSEY' column, two PUMAs are checked: 'Gloucester County (Northeast)--Woodbury City PUMA, New Jersey' and 'Gloucester County (South & West)--Glassboro Borough PUMA, New Jersey' (both highlighted with a red box). Below the list, two tags are visible: 'Gloucester County (Northeast)--Woodbury ...' and 'Gloucester County (South & West)--Glassbo...'. At the bottom, the dataset is identified as 'ACS 1-Year Estimates Public Use Microdata Sample (2019)' with a 'CHANGE' link, and a 'VIEW TABLE' button is present on the right.

GEOGRAPHIES	PUBLIC USE MICRODATA AREA (PUMA) (STATE)	NEW JERSEY
Region	Nevada	<input type="checkbox"/> Camden County (North)--Camden & Gloucester Cities PUMA, New Jersey
Division	New Hampshire	<input type="checkbox"/> Camden County (Central)--Lindenwold & Collingswood Boroughs PUMA, New Jersey
State	New Jersey	<input type="checkbox"/> Camden County (South & West)--Bellmawr & Pine Hill Boroughs PUMA, New Jersey
Public Use Microdata Area (PUMA)	New Mexico	<input type="checkbox"/> Camden County (East Central)--Haddonfield Borough PUMA, New Jersey
	New York	<input checked="" type="checkbox"/> Gloucester County (Northeast)--Woodbury City PUMA, New Jersey
	North Carolina	<input checked="" type="checkbox"/> Gloucester County (South & West)--Glassboro Borough PUMA, New Jersey
		<input type="checkbox"/> Mercer County (West Central)--Trenton City PUMA, New Jersey
		<input type="checkbox"/> Mercer County (North)--Princeton Borough PUMA, New Jersey
		<input type="checkbox"/> Mercer County (South) PUMA, New Jersey
		<input type="checkbox"/> Cumberland County (South)--Vineland & Millville Cities PUMA, New Jersey
		<input type="checkbox"/> Salem & Cumberland (North) Counties--Bridgeton City PUMA, New Jersey

Gloucester County (Northeast)--Woodbury ...

Gloucester County (South & West)--Glassbo...

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#) [VIEW TABLE](#)

- Categorize (recode) your age variable:
 - Click the **Data Cart** tab
 - Click the **AGEP** variable on the left
 - Click **Create Custom Group** to begin specifying your age categories (e.g. Under 18 years, 18-24 years, etc.)

The screenshot shows the 'DATA CART (2)' tab selected in the top navigation bar. On the left, under 'Selected Variables (2)', the 'AGEP' variable is highlighted with a red box. On the right, the 'Age (AGEP)' variable details are shown, with the '+ CREATE CUSTOM GROUP' button highlighted with a red box. Below this button is a table with columns for 'Include in Universe', 'Response Label', and 'Value'. The table contains three rows: '1 to 99 years (Top-coded***)' with a value of 1 and a slider from 1 to 99, and 'Under 1 year' with a value of 00.

Include in Universe	Response Label	Value
<input checked="" type="checkbox"/>	1 to 99 years (Top-coded***)	1
<input checked="" type="checkbox"/>	Under 1 year	00

- Categorize (recode) your age variable:
 - Click into **Group label** and type a label for the first category you want to create (e.g. Under 18 years)
 - Check the box next to **Under 1 Year**
 - Check the box next to **1 to 99 years** and change the end age range from 99 to **17**
 - Click **Save Group**

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (3)** TABLE LAYOUT DOWNLOAD

Selected Variables (3)

- AGEP
2 of 2 responses
- POVPIP
3 of 3 responses
- AGEP_RC1
1 of 1 responses

Age recode

Under 18 years Show on table

Group Label
Under 18 years

14 / 60

<input checked="" type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	1 to 99 years (Top-coded***)	1 ————— 17
<input checked="" type="checkbox"/>	Under 1 year	00

CANCEL **SAVE GROUP**

- **Categorize (recode) your variable:**
 - Your first category, Under 18 years, appears just below “Not Elsewhere Classified”
 - Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the category

The screenshot displays the 'DATA CART (3)' interface. On the left, a 'Selected Variables (3)' panel lists AGEP (2 of 2 responses), POVPIP (3 of 3 responses), and AGEP_RC1 (2 of 2 responses). The main area shows 'Age recode' with two categories: 'Not Elsewhere Classified' (VALUES: 18:99) and 'Under 18 years' (VALUES: 1:17, 00). Each category has an 'EDIT GROUP' button. The 'EDIT GROUP' button for 'Not Elsewhere Classified' is highlighted with a red box. An 'AUTO GROUP' button is also visible at the top right of the recoding section.

- **Categorize (recode) your variable:**

- Click into **Group label** and type a label for the next category you want to create (e.g. 18-24 years)
- Check the box next to the response category for this code (18:99)
- Edit the end range of age from 99 to **24** and click **Save Group**

The screenshot displays the 'DATA CART (3)' interface with three selected variables: AGEP, POVPIP, and AGEP_RC1. The 'Age recode' configuration panel for AGEP_RC1 is active, showing a slider for the '18-24 years' group. The 'Group Label' is set to '18-24 years'. The 'Add to Group' checkbox is checked, and the 'Response Label' is 'Between 18 and 99'. The 'Value' range is set from 18 to 24. The 'SAVE GROUP' button is highlighted.

✓ Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	Between 18 and 99	18 — 24

- Categorize (recode) your age variable:
 - Click into **Auto Group** in the upper right and select **Between 25 and 99**

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (3)** TABLE LAYOUT DOWNLOAD

Selected Variables (3)

- AGEP**
2 of 2 responses
- POVPIP**
3 of 3 responses
- AGEP_RC1**
3 of 3 responses

Age recode

- Not Elsewhere Classified**
VALUES: 25:99
- Under 18 years**
VALUES: 1:17, 00
- 18-24 years**
VALUES: 18:24

AUTO GROUP

- Between 25 and 99**
- 1 to 99 years (Top-coded***)
- Between 18 and 99

EDIT GROUP

- Categorize (recode) your age variable:
 - In the pop-up box, edit the “Groups of” from 1 to **10** to get the remaining ages broken into groups of 10
 - Click **Auto Group**

The screenshot shows the 'DATA CART (3)' interface with three selected variables: AGEP (2 of 2 responses), POVPIP (3 of 3 responses), and AGEP_RC1 (3 of 3 responses). A dialog box titled 'Auto Group Variable' is open, allowing the user to define age groups. The 'Start' field is set to 25, the 'End' field is set to 99, and the 'Groups of' field is set to 10. The 'Groups of' field and the 'AUTO GROUP' button at the bottom right of the dialog are highlighted with red boxes. In the background, the 'AGEP' variable is being edited, and the 'Auto Group' button is visible on the right side of the interface.

- Categorize (recode) your age variable:
 - You have now created categories for ages 25 to 99 in groups of 10 years (the exception being Between 95 and 99)

Age recode		AUTO GROUP
Under 18 years VALUES: 1:17, 00	EDIT GROUP	
18-24 years VALUES: 18:24	EDIT GROUP	
Between 25 and 34 VALUES: 25:34	EDIT GROUP	
Between 35 and 44 VALUES: 35:44	EDIT GROUP	
Between 45 and 54 VALUES: 45:54	EDIT GROUP	
Between 55 and 64 VALUES: 55:64	EDIT GROUP	
Between 65 and 74 VALUES: 65:74	EDIT GROUP	
Between 75 and 84 VALUES: 75:84	EDIT GROUP	
Between 85 and 94 VALUES: 85:94	EDIT GROUP	
Between 95 and 99 VALUES: 95:99	EDIT GROUP	

- Categorize (recode) your income-to-poverty ratio (IPR) variable:
 - Click the **POVPIP** variable on the left
 - Click **Create Custom Group** to begin specifying your IPR categories (e.g. Below 250% of poverty and At or above 250% of poverty)

The screenshot shows a data cart interface with the following elements:

- Navigation tabs: SELECT VARIABLES, SELECT GEOGRAPHIES, **DATA CART (3)**, TABLE LAYOUT, DOWNLOAD
- Selected Variables (3):
 - AGEP (2 of 2 responses)
 - POVPIP (3 of 3 responses)** (highlighted with a red box)
 - AGEP_RC1 (10 of 10 responses)
- Income-to-poverty ratio recode (POVPIP) configuration panel:
 - + CREATE CUSTOM GROUP** (highlighted with a red box)
 - Table with columns: Include in Universe, Response Label, Value
 - Row 1: Include in Universe, Below 501 percent, Value range from 0 to 500
 - Row 2: Include in Universe, N/A, Value -1

- Categorize (recode) your income-to-poverty ratio (IPR) variable:
 - Click into **Group label** and type a label for the first category you want to create (e.g. Not in universe)
 - Check the box next to **N/A**
 - Click **Save Group**

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (4)** TABLE LAYOUT DOWNLOAD

Selected Variables (4)

- AGEP**
2 of 2 responses
- POVPIP**
3 of 3 responses
- POVPIP_RC1**
1 of 1 responses
- AGEP_RC1**
10 of 10 responses

Income-to-poverty ratio recode recode

Not in universe Show on table

Group Label
Not in universe

15 / 60

<input type="checkbox"/> Add to Group	Response Label	Value
<input type="checkbox"/>	Below 501 percent	0 0 500
<input checked="" type="checkbox"/>	N/A	-1
<input type="checkbox"/>	501 percent or more	501

CANCEL **SAVE GROUP**

- Categorize (recode) your income-to-poverty ratio (IPR) variable :
 - Your first category, Not in universe, appears just below “Not Elsewhere Classified”
 - Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the category

The screenshot displays the 'DATA CART (4)' interface. On the left, under 'Selected Variables (4)', four variables are listed: AGEP (2 of 2 responses), POVPIP (3 of 3 responses), POVPIP_RC1 (2 of 2 responses), and AGEP_RC1 (10 of 10 responses). The main area shows the 'Income-to-poverty ratio recode recode' variable with two categories: 'Not Elsewhere Classified' (VALUES: 0:500, 501) and 'Not in universe' (VALUES: -1). The 'EDIT GROUP' button for 'Not Elsewhere Classified' is highlighted with a red box. Other buttons include 'AUTO GROUP' and 'EDIT GROUP' for the second category.

- **Categorize (recode) your income-to-poverty ratio (IPR) variable :**
 - Click into **Group label** and type a label for the next category you want to create (e.g. Below 250% of poverty)
 - Check the box next to the response category for this code (Below 501 percent)
 - Edit the end range of age from 500 to **249** and click **Save Group**

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (4)** TABLE LAYOUT DOWNLOAD

Selected Variables (4)

- AGEP
2 of 2 responses
- POVPIP
3 of 3 responses
- POVPIP_RC1**
2 of 2 responses
- AGEP_RC1
10 of 10 responses

Income-to-poverty ratio recode recode **AUTO GROUP**

Below 250% of poverty Show on table

Group Label
Below 250% of poverty 21 / 60

<input type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	Below 501 percent	0 ————— 249
<input type="checkbox"/>	501 percent or more	501

CANCEL **SAVE GROUP**

Not in universe
VALUES: -1 **EDIT GROUP**

- Categorize (recode) your income-to-poverty ratio (IPR) variable :
 - The two categories you created appear just below “Not Elsewhere Classified”
 - Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the category

The screenshot displays the 'DATA CART (4)' interface. On the left, under 'Selected Variables (4)', four variables are listed: AGEP (2 of 2 responses), POVPIP (3 of 3 responses), POVPIP_RC1 (3 of 3 responses), and AGEP_RC1 (10 of 10 responses). The 'POVPIP_RC1' variable is highlighted with an orange bar. On the right, the 'Income-to-poverty ratio recode recode' section shows three categories: 'Not Elsewhere Classified' (VALUES: 250:500, 501), 'Not in universe' (VALUES: -1), and 'Below 250% of poverty' (VALUES: 0:249). Each category has an 'EDIT GROUP' button. The 'EDIT GROUP' button for 'Not Elsewhere Classified' is highlighted with a red box. A blue 'AUTO GROUP' button is located at the top right of the recoding section.

- **Categorize (recode) your income-to-poverty ratio (IPR) variable :**
 - Click into **Group label** and type a label for the last category you want to create (e.g. At or above 250% of poverty)
 - Check the box next to the response category of Between 250 and 500
 - Check the box next to the response category of 501 percent or more
 - Click **Save Group**

The screenshot shows a software interface for recoding a variable. On the left, a 'Selected Variables (4)' panel lists AGEP, POVPIP, POVPIP_RC1, and AGEP_RC1. The main area is titled 'Income-to-poverty ratio recode recode' and features a 'Show on table' toggle. A 'Group Label' field is set to 'At or above 250% of poverty'. Below, a table lists response categories with 'Add to Group' checkboxes. The 'Between 250 and 500' and '501 percent or more' categories are checked. A slider for the 'Between 250 and 500' category is visible. 'CANCEL' and 'SAVE GROUP' buttons are at the bottom right, and an 'EDIT GROUP' button is at the bottom right of a 'Not in universe' section.

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (4)** TABLE LAYOUT DOWNLOAD

Selected Variables (4)

- AGEP**
2 of 2 responses
- POVPIP**
3 of 3 responses
- POVPIP_RC1**
3 of 3 responses
- AGEP_RC1**
10 of 10 responses

Income-to-poverty ratio recode recode **AUTO GROUP**

At or above 250% of poverty Show on table

Group Label
At or above 250% of poverty

27 / 60

<input checked="" type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	Between 250 and 500	250 ————— 500
<input checked="" type="checkbox"/>	501 percent or more	501

CANCEL **SAVE GROUP**

Not in universe
VALUES: -1 **EDIT GROUP**

- Confirm variable selections
 - Confirm variable selections and click the **Table Layout** tab

The screenshot displays the 'TABLE LAYOUT' tab of a data tool. The top navigation bar includes 'SELECT VARIABLES', 'SELECT GEOGRAPHIES', 'DATA CART (4)', 'TABLE LAYOUT' (highlighted with a red box), and 'DOWNLOAD'. On the left, a 'Selected Variables (4)' panel lists: 'AGEP' (2 of 2 responses), 'POVPIP' (3 of 3 responses), 'POVPIP_RC1' (3 of 3 responses), and 'AGEP_RC1' (10 of 10 responses). The main area shows the variable 'Income-to-poverty ratio recode recode' with an 'AUTO GROUP' button. Below it are three groups: 'Not in universe' (VALUES: -1), 'Below 250% of poverty' (VALUES: 0:249), and 'At or above 250% of poverty' (VALUES: 250:500, 501). Each group has an 'EDIT GROUP' button. At the bottom, the dataset is identified as 'ACS 1-Year Estimates Public Use Microdata Sample (2019)' with a 'CHANGE' link, and a 'VIEW TABLE' button is present.

- View variable placement in the default table layout:
 - Values in table cells Options – When variables are shown here, you have more options to choose from in the drop down menu for “Values in table cells”
 - Columns/Rows – Variables will be shown in the table.
 - Not on Table – Can restrict the universe. By default, AGEP_RC1 and POVPIP_RC1 are not on the table, and they do not restrict the universe because the recodes include ages and IPRs for all people.

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (4) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (2)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

POVPIP 3 of 3 responses

Columns (0)
columns (maximum 400)

Rows (1)
2 rows (maximum 2000)

SELECTED GEOGRAPHIES 2 of 2 responses

Not on table (2)
(may restrict the sample universe)

POVPIP_RC1 3 of 3 responses

AGEP_RC1 10 of 10 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Average of Income-to-poverty ratio recode (POVPIP) Universe: selected geographies: Gloucester County (Northeast..., Gloucester County (South & ...)

Selected Geographies	
Gloucester County (Northeast)--Woodbury City PUMA, New Jersey	???
Gloucester County (South & West)--Glassboro Borough PUMA, New Jersey	???

■ Edit Table Layout:

- **Move AGEP_RC1 to Rows:** Click on the variable and drag it to its new spot. This will add the age categories we created to our table rows
- **Move POVPIP_RC1 to Columns:** This will add the IPR categories we created to our table columns

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (4) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (2)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

POVPIP 3 of 3 responses

Columns (0)
columns (maximum 400)

Rows (1)
2 rows (maximum 2000)

SELECTED GEOGRAPHIES 2 of 2 responses

Not on table (2)
(may restrict the sample universe)

POVPIP_RC1 3 of 3 responses

AGEP_RC1 10 of 10 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Universe: selected geographies: Gloucester County (Northeast..., Gloucester County (South & ...)

Average of Income-to-poverty ratio recode (POVPIP)

Selected Geographies	
Gloucester County (Northeast)--Woodbury City PUMA, New Jersey	???
Gloucester County (South & West)--Glassboro Borough PUMA, New Jersey	???

- Choose type of values in table cells
 - Change the “Value in table cells” option from Average of Income-to-poverty ratio recode (POVPIP) to **Count** for data for the total number of people by age and IPR.

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (4) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (2)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

POVPIP 3 of 3 responses

Columns (1)
3 columns (maximum 400)

POVPIP_RC1 3 of 3 responses

Rows (2)
20 rows (maximum 2000)

SELECTED GEOGRAPHIES 2 of 2 responses

AGEP_RC1 10 of 10 responses

Not on table (0)
(may restrict the sample universe)

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Universe: selected geographies: Gloucester County (Northeas..., Gloucester County (South & ...

Count

Average of Age (AGEP)

Average of Income-to-poverty ratio recode (POVPIP)

	At or below 250% of poverty	Between 250% and 500% of poverty	At or above 250% of poverty
Gloucester County (North...			
Under 18 years	???	???	???
18-24 years	???	???	???
Between 25 and 34	???	???	???
Between 35 and 44	???	???	???
Between 45 and 54	???	???	???
Between 55 and 64	???	???	???
Between 65 and 74	???	???	???
Between 75 and 84	???	???	???
Between 85 and 94	???	???	???
Between 95 and 99	???	???	???
Gloucester County (South...			

- **Confirm Table Layout:**

- Confirm table layout and click **View Table** in the lower right

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (4) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (2)
Determines order in list; cannot move to row/column

AGEP	2 of 2 responses
POVPIP	3 of 3 responses

Columns (1)
3 columns (maximum 400)

POVPIP_RC1	3 of 3 responses
------------	------------------

Rows (2)
20 rows (maximum 2000)

SELECTED GEOGRAPHIES 2 of 2 responses

AGEP_RC1	10 of 10 responses
----------	--------------------

Not on table (0)
(may restrict the sample universe)

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells:

Universe: selected geographies: Gloucester County (Northeast), Gloucester County (South & ...)

Show Total

Age recode (AGEP RC1)	Income-to-poverty ratio recode recode (POVPIP_RC1)			
	Total	Not in universe	Below 250% of poverty	At or above 250% of poverty
???	0	0	0	0
Gloucester County (Nor...	0	0	0	0
Under 18 years	???	???	???	???
18-24 years	???	???	???	???
Between 25 and 34	???	???	???	???
Between 35 and 44	???	???	???	???
Between 45 and 54	???	???	???	???
Between 55 and 64	???	???	???	???
Between 65 and 74	???	???	???	???
Between 75 and 84	???	???	???	???
Between 85 and 94	???	???	???	???

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#)

VIEW TABLE

View Table:

Custom Table
CUSTOMIZE VARIABLES
DOWNLOAD / SHARE
DETAILS

Dataset: ACS 1-Year Estimates Public Use Microdata Sample [CHANGE DATASET](#)

Vintage: 2019

Geography: 2 geographies selected [CHANGE GEOGRAPHY](#)

Weighting: PUMS person weight

On Columns

POVPIP_RC1

Not on Table

On Rows

Selected Geographies AGEP_RC1

"Values in table cells" Options

AGEP POVPIP

Values in table cells: Count

Universe: selected geographies: Gloucester County (Northeast), Gloucester County (South & ...)

Show Total

Age recode (AGEP_RC1)	Income-to-poverty ratio recode recode (POVPIP_RC1)			
	Total	Not in universe	Below 250% of poverty	At or above 250% of poverty
▼ Total (20)	292,096	4,305	66,867	220,924
▼ Total Gloucester County...	125,953	1,002	30,148	94,803
Under 18 years	25,671	319	7,404	17,948
18-24 years	10,320	0	3,457	6,863
Between 25 and 34	15,004	0	2,108	12,896
Between 35 and 44	17,195	0	3,593	13,602
55 and 64	17,023	81	4,121	12,821
65 and 74	20,318	285	2,963	17,070

Send Feedback census.data@census.gov

Demo

Example 4:

Type of disability for the population 50 years and over in New Jersey

Table B18101 – Sex by Age by Disability Status

American Community Survey

B18101 | SEX BY AGE BY DISABILITY STATUS

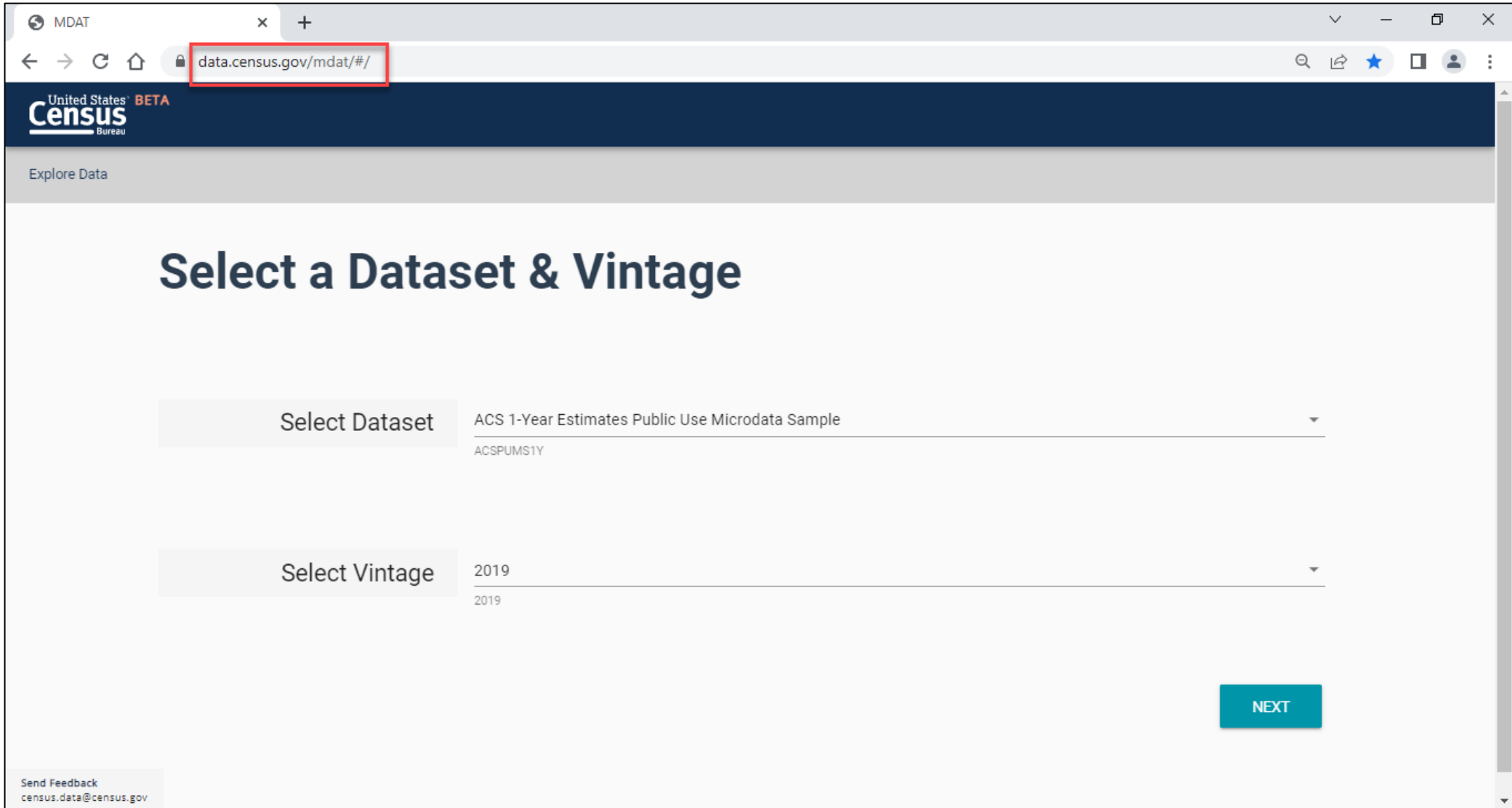
2021: ACS 1-Year Estimates Detailed Tables | Universe: Civilian noninstitutionalized population

Notes | Geos | Years | **Topics** | Surveys | Codes | Hide | Transpose | Margin of Error | Restore

United States		Estimate	Margin of Error
Label			
▼ Total:		326,912,547	±18,221
▼ Male:		160,634,821	±32,226
▼ Under 5 years:		9,551,038	±19,253
With a disability		70,974	±5,282
No disability		9,480,064	±19,017
▼ 5 to 17 years:		28,022,231	±26,209
With a disability		2,000,599	±28,371
No disability		26,021,632	±33,724
▼ 18 to 34 years:		36,605,355	±29,846
With a disability		2,864,851	±27,967
No disability		33,740,504	±38,953
▼ 35 to 64 years:		61,710,735	±33,459
With a disability		7,579,527	±46,536

Prefabricated ACS tables in data.census.gov provide age by disability status, but what if we need different age breakouts by the type of disability?

- Visit Microdata Access at data.census.gov/mdat



- Choose Dataset and Vintage:
 - Dataset – ACS 1-Year Estimates – Public Use Microdata Sample
 - Vintage – 2019
 - Click **Next** in the lower right

Select a Dataset & Vintage

Select Dataset ACS 1-Year Estimates-Public Use Microdata Sample ▼
ACSPUMS1Y

Select Vintage 2019 ▼
2019

NEXT

- **Search for Variables** – Use the search box below “Variable” or “Label” to find your variables of interest

United States **BETA**
Census
Bureau

Explore Data/ Microdata/ Custom Table

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (0) TABLE LAYOUT DOWNLOAD

filter by Topic ▼ Search is not enabled in this beta version **SEARCH**

Showing 216 of 510 Variables Select at least one variable to start

	Variable	Label	Number of Values	Type	
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="(3) Edited Items, Estimate, Recodes"/>	
<input type="checkbox"/>	AGEP	Age	2	Estimate	▼ DETAILS
<input type="checkbox"/>	ANC	Ancestry recode	5	Edited Items	▼ DETAILS
<input type="checkbox"/>	DRIVESP	Number of vehicles calculated from JWRI	7	Estimate	▼ DETAILS
<input type="checkbox"/>	FES	Family type and employment status	9	Estimate	▼ DETAILS
<input type="checkbox"/>	FPARC	Family presence and age of related children	5	Recodes	▼ DETAILS
<input type="checkbox"/>	GRPIP	Gross rent as a percentage of household income past 12 months	3	Estimate	▼ DETAILS
<input type="checkbox"/>	HISP	Recorded detailed Hispanic origin	24	Recodes	▼ DETAILS
<input type="checkbox"/>	JWAP	Time of arrival at work - hour and minute	286	Edited Items	▼ DETAILS
<input type="checkbox"/>	IWDP	Time of departure for work - hour and minute	151	Estimate	▼ DETAILS

Dataset: ACS 1-Year Estimates 1-Year Estimates-Public Use Microdata Sample (2019) [CHANGE](#) **VIEW TABLE**

- **Select variable for Age:**
 - Type “AGEP” in the Variable search box or type “Age” in the label search box
 - Click **Details** to browse information about this variable
 - Check the box to the left of AGEP to add the variable to your data cart
 - Notice the message at the top of the screen saying you will need to create your own categories (or recodes) for this variable if you want it shown in the table. (You will do this action in the Data Cart)

This variable is continuous and can only go to "Values in table cells". Create a group (recode) to use elsewhere. "Age (AGEP)"

SELECT VARIABLES | SELECT GEOGRAPHIES | DATA CART (1) | TABLE LAYOUT | DOWNLOAD

filter by Topic | Search is not enabled in this beta version | SEARCH

Showing 1 of 515 Variables | Selected: 1 variable (1 column, 1 row)

Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/> agep	age	2	(3) Edited Items, Estimate, Recodes
AGEP	Age	2	Estimate

DETAILS

Description:
Age

Values:

- 1 to 99 -- 1 to 99 years (Top-coded***)
- 00 -- Under 1 year

- **Select variables for Types of Difficulties:**

- Since we're looking for multiple variables with different names, we won't use the Variable search box. Instead, type "difficulty" in the label search box
- Check the boxes to the left of **DDRS** (self-care difficulty), **DPHY** (ambulatory difficulty), **DREM** (cognitive difficulty), **DOUT** (independent living difficulty), **DEYE** (vision difficulty), and **DEAR** (hearing difficulty) to add the variables to your data cart

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (7) TABLE LAYOUT DOWNLOAD

filter by Topic Search is not enabled in this beta version SEARCH

Showing 6 of 515 Variables Selected: 7 variables (324 columns, 1 row)

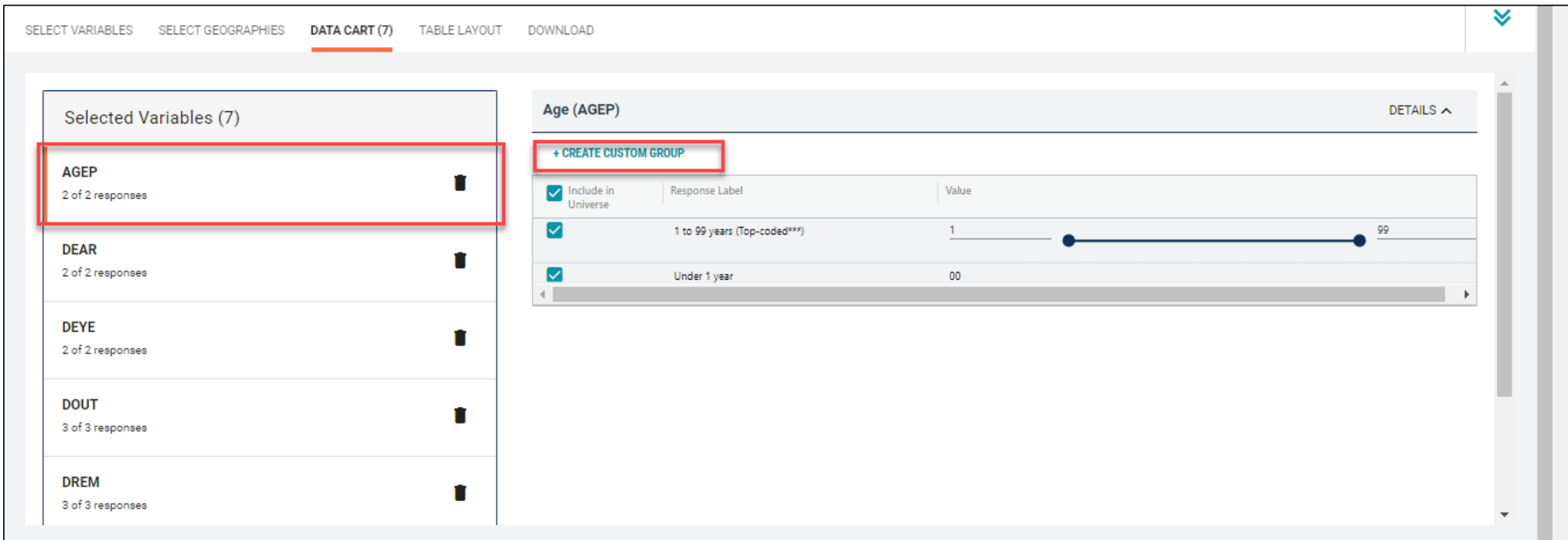
Variable	Label	Number of Values	Type		
<input checked="" type="checkbox"/>	DDRS	Self-care difficulty	3	Edited Items	▼ DETAILS
<input checked="" type="checkbox"/>	DPHY	Ambulatory difficulty	3	Edited Items	▼ DETAILS
<input checked="" type="checkbox"/>	DREM	Cognitive difficulty	3	Edited Items	▼ DETAILS
<input checked="" type="checkbox"/>	DOUT	Independent living difficulty	3	Estimate	▼ DETAILS
<input checked="" type="checkbox"/>	DEYE	Vision difficulty	2	Estimate	▼ DETAILS
<input checked="" type="checkbox"/>	DEAR	Hearing difficulty	2	Estimate	▼ DETAILS

- **Select geography:**
 - Click the **SELECT GEOGRAPHIES** tab
 - Click State and check the box for **New Jersey**

The screenshot displays the 'SELECT GEOGRAPHIES' interface. At the top, there are navigation tabs: 'SELECT VARIABLES', 'SELECT GEOGRAPHIES' (highlighted with a red box), 'DATA CART (7)', 'TABLE LAYOUT', and 'DOWNLOAD'. On the left, a sidebar lists 'GEOGRAPHIES' categories: 'Region', 'Division', 'State' (highlighted with a red box), and 'Public Use Microdata Area (PUMA)'. The main area shows a list of 'STATE' options with checkboxes: Nevada, New Hampshire, New Jersey (checked and highlighted with a red box), New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, and Rhode Island. At the bottom left, a 'New Jersey' tag is visible with a close button.

■ Categorize (recode) your Age variable:

- Click the **Data Cart** tab
- Click the **AGEP** variable on the left
- Click **Create Custom Group** to begin specifying your age categories (e.g. Under 40 years and 40 years and over)



The screenshot shows the Data Cart interface with the following elements:

- Navigation tabs: SELECT VARIABLES, SELECT GEOGRAPHIES, **DATA CART (7)**, TABLE LAYOUT, DOWNLOAD
- Selected Variables (7) list:
 - AGEP** (2 of 2 responses) - highlighted with a red box
 - DEAR (2 of 2 responses)
 - DEYE (2 of 2 responses)
 - DOUT (3 of 3 responses)
 - DREM (3 of 3 responses)
- Age (AGEP) details panel:
 - + CREATE CUSTOM GROUP** - highlighted with a red box
 - Table with columns: Include in Universe, Response Label, Value
 - Row 1: Include in Universe, 1 to 99 years (Top-coded**), 1 to 99 (with a slider)
 - Row 2: Include in Universe, Under 1 year, 00

■ Categorize (recode) your Age variable:

- Click into **Group label** and type a label for the first category you want to create (e.g. Under 40 years)
- Check the box next to 'Under 1 year'
- Check the box next to '1 to 99 years' and edit the end range of age from 99 to **39**
- Click **Save Group**

SELECT VARIABLES SELECT GEOGRAPHIES **DATA CART (8)** TABLE LAYOUT DOWNLOAD

Selected Variables (8)

- AGEP
2 of 2 responses
- DEAR
2 of 2 responses
- DEYE
2 of 2 responses
- DOUT
3 of 3 responses
- DREM
3 of 3 responses

Age recode

Under 40 years Show on table

Group Label
Under 40 years

14 / 60

<input checked="" type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	1 to 99 years (Top-coded***)	1 ————— 39
<input checked="" type="checkbox"/>	Under 1 year	00

CANCEL **SAVE GROUP**

- Categorize (recode) your Age variable:
 - Your first category, Under 40 years, appears just below “Not Elsewhere Classified”
 - Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the category

The screenshot displays the 'DATA CART (8)' interface. On the left, a list of 'Selected Variables (8)' includes AGEP (2 of 2 responses), DEAR (2 of 2 responses), DEYE (2 of 2 responses), DOUT (3 of 3 responses), and DREM (3 of 3 responses). The main area is titled 'Age recode' and shows two categories: 'Not Elsewhere Classified' (VALUES: 40:99) and 'Under 40 years' (VALUES: 1:39, 00). The 'EDIT GROUP' button for the 'Not Elsewhere Classified' category is highlighted with a red box. Other buttons visible include 'AUTO GROUP' and 'EDIT GROUP' for the 'Under 40 years' category.

- **Categorize (recode) your Age variable :**

- Click into **Group label** and type a label for the last category you want to create (e.g. 40 years and over)
- Check the box next to the response category of Between 40 and 99
- Click **Save Group**

The screenshot displays the 'DATA CART (8)' interface for recoding the 'Age' variable. On the left, a list of selected variables includes AGEP (2 of 2 responses), DEAR (2 of 2 responses), DEYE (2 of 2 responses), DOUT (3 of 3 responses), and DREM (3 of 3 responses). The main configuration area is titled 'Age recode' and features an 'AUTO GROUP' button. A group label '40 years and over' is entered in the 'Group Label' field. Below, a table lists response categories with checkboxes for 'Add to Group'. The 'Between 40 and 99' category is checked, and its range is set from 40 to 99. The 'SAVE GROUP' button is highlighted with a red box.

Response Label	Value
Between 40 and 99	40 — 99

- Confirm variable selections
 - Confirm variable selections and click the **Table Layout** tab

The screenshot displays the 'Table Layout' tab in the data tool. The top navigation bar includes 'SELECT VARIABLES', 'SELECT GEOGRAPHIES', 'DATA CART (8)', 'TABLE LAYOUT', and 'DOWNLOAD'. The 'TABLE LAYOUT' tab is highlighted with a red box. Below the navigation bar, a list of 'Selected Variables (8)' is shown, also highlighted with a red box. The variables are:

Variable	Responses
AGEP	2 of 2 responses
DEAR	2 of 2 responses
DEYE	2 of 2 responses
DOUT	3 of 3 responses
DREM	3 of 3 responses
DPHY	3 of 3 responses
DDRS	3 of 3 responses
AGEP_RC1	2 of 2 responses

To the right of the variable list, the 'Age recode' section is visible. It features a blue pencil icon and the title 'Age recode'. Below the title, there are two groups:

- Under 40 years**: VALUES: 1:39, 00. Includes an 'EDIT GROUP' button.
- 40 years and over**: VALUES: 40:99. Includes an 'EDIT GROUP' button.

At the top right of the 'Age recode' section, there is an 'AUTO GROUP' button.

■ Edit Table Layout:

- **Move AGEP_RC1 to Rows:** Click on the variable and drag it to its new spot. This will add the age categories we created to our table rows

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (8) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (1)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

Columns (6)
324 columns (maximum 400)

DEAR 2 of 2 responses

DEYE 2 of 2 responses

DOUT 3 of 3 responses

DREM 3 of 3 responses

DPHY 3 of 3 responses

DDRS 3 of 3 responses

Rows (1)
1 rows (maximum 2000)

SELECTED GEOGRAPHIES 1 of 1 responses

Not on table (1)
(may restrict the sample universe)

AGEP_RC1 2 of 2 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Average of Age (AGEP)

Universe: selected geographies: New Jersey

Selected Geographies	N/A (Less than 5 years old)	Yes	No	N/A (Less than 5 years old)	Yes	No	N/A (Less than 5 years old)	Yes	No	N/A (Less than 5 years old)	Yes	No	N/A (Less than 5 years old)	Yes	No
New Jersey	???	???	???	???	???	???	???	???	???	???	???	???	???	???	???

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#) [VIEW TABLE](#)

■ Edit Table Layout:

- The table is still hard to read because all of the disability variables are found in the table at the same time and they are nested within each other. To make the table easier to read, **move all but one of the disability variables from Columns to Not on table**
- The table is now much smaller and more manageable

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (8) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (1)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

Columns (1)
2 columns (maximum 400)

DEAR 2 of 2 responses

Rows (2)
2 rows (maximum 2000)

SELECTED GEOGRAPHIES 1 of 1 responses

AGEP_RC1 2 of 2 responses

Not on table (5)
(may restrict the sample universe)

DEYE 2 of 2 responses

DOUT 3 of 3 responses

DREM 3 of 3 responses

DPHY 3 of 3 responses

DDRS 3 of 3 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Average of Age (AGEP) Universe: selected geographies: New Jersey

Age recode (AGEP_RC1)	Hearing difficulty (DEAR)	
	Yes	No
New Jersey (2)		
Under 40 years	???	???
40 years and over	???	???

- Choose type of values in table cells
 - Change the “Value in table cells” option from Average of Age (AGEP) to **Count**. This will give you data for the total number of people, rather than an average age

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (8) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (1)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

Columns (1)
2 columns (maximum 400)

DEAR 2 of 2 responses

Rows (2)
2 rows (maximum 2000)

SELECTED GEOGRAPHIES 1 of 1 responses

AGEP_RC1 2 of 2 responses

Not on table (5)
(may restrict the sample universe)

DEYE 2 of 2 responses

DOUT 3 of 3 responses

DREM 3 of 3 responses

DPHY 3 of 3 responses

DDRS 3 of 3 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Count Universe: selected geographies: New Jersey

Average of Age (AGEP)

Age recode (AGEP_RC1)	Yes	No
▼ New Jersey (2)		
Under 40 years	???	???
40 years and over	???	???

■ Confirm Table Layout:

- Confirm table layout and click **View Table** in the lower right

SELECT VARIABLES SELECT GEOGRAPHIES DATA CART (8) **TABLE LAYOUT** DOWNLOAD

Custom Table

"Values in table cells" Options (1)
Determines order in list; cannot move to row/column

AGEP 2 of 2 responses

Columns (1)
2 columns (maximum 400)

DEAR 2 of 2 responses

Rows (2)
2 rows (maximum 2000)

SELECTED GEOGRAPHIES 1 of 1 responses

AGEP_RC1 2 of 2 responses

Not on table (5)
(may restrict the sample universe)

DEYE 2 of 2 responses

DOUT 3 of 3 responses

DREM 3 of 3 responses

DPHY 3 of 3 responses

DDRS 3 of 3 responses

Table Preview

Drag and drop variables between sections on the left; see results on table layout below.

Values in table cells: Count

Universe: selected geographies: New Jersey

Show Total

Age recode (AGEP RC1)	Hearing difficulty (DEAR)		
	Total	Yes	No
?? (2)	0	0	0
New Jersey (2)	0	0	0
Under 40 years	??	??	??
40 years and over	??	??	??

Dataset: ACS 1-Year Estimates Public Use Microdata Sample (2019) [CHANGE](#)

VIEW TABLE

View Table

Custom Table
CUSTOMIZE VARIABLES
DOWNLOAD / SHARE
DETAILS ▾

Dataset: ACS 1-Year Estimates Public Use Microdata Sample [CHANGE DATASET](#)

Vintage: 2019

Geography: 1 geographies selected [CHANGE GEOGRAPHY](#)

Weighting: PUMS person weight

On Columns +

DEAR

Not on Table +

DEYE DOUT DREM DPHY DRS

On Rows +

Selected Geographies **AGEP_RC1**

"Values in table cells" Options +

AGEP

Values in table cells: Count

Universe: selected geographies: New Jersey

Show Total

Age recode (AGEP_RC1)	Hearing difficulty (DEAR)		
	Total	Yes	No
▼ Total (2)	8,882,190	232,543	8,649,647
▼ Total New Jersey (2)	8,882,190	232,543	8,649,647
Under 40 years	4,413,979	24,808	4,389,171
40 years and over	4,468,211	207,735	4,260,476

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■ View Table

- To make use of the other disability variables that you selected, drag the dark blue variable pills to swap them between **Not on Table** and **On Columns**

Custom Table CUSTOMIZE VARIABLES DOWNLOAD / SHARE DETAILS

Dataset: ACS 1-Year Estimates Public Use Microdata Sample CHANGE DATASET Geography: 1 geographies selected CHANGE GEOGRAPHY

Vintage: 2019 Weighting: PUMS person weight

On Columns + **On Rows** +

DEYE Selected Geographies AGEP_RC1

Not on Table + "Values in table cells" Options +

DOUT **DREM** **DPHY** **DDRS** **DEAR** AGEP

Values in table cells: Universe: selected geographies: New Jersey

Count

Show Total

	Vision difficulty (DEYE)		
Age recode (AGEP_RC1)	Total	Yes	No
▼ Total (2)	8,882,190	180,801	8,701,389
▼ Total New Jersey (2)	8,882,190	180,801	8,701,389
Under 40 years	4,413,979	39,794	4,374,185
40 years and over	4,468,211	141,007	4,327,204

Email Updates

Get data.census.gov updates delivered to your inbox!

Sign up for email updates:
<https://public.govdelivery.com/accounts/USCENSUS/signup/15450>

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Select One or More: *

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- Weekly Pulse Newsletter
- Experimental Data Products
- Data Viz Newsletter
- Census Business Builder
- data.census.gov Updates
- Census Data API
- Developer Newsletter

Select your state: *

By checking this box, you consent to our [data privacy policy](#). *

Sign Up



United States[®] Census Bureau

Data.census.gov Newsletter – June 2021

Welcome to the new monthly data.census.gov newsletter! Each month, you will learn about the latest system updates, data releases, and educational opportunities for data.census.gov.

Latest System Updates

Last month, we released new updates to improve your experience on data.census.gov. With this release, you will now see:

- Banner notifications
- URLs in search results
- Compressed download size
- Geography Profile enhancements
- Fixes to 30 defects

Learn More

A major theme of the release is to provide better information as you work through the platform. This includes new banner functionality to alert you to key updates and critical notifications. For example, when data

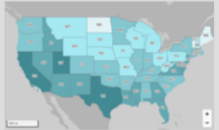
Upcoming Webinar: [Data.census.gov News & Updates – June 2021](#)

6/22: 2:00-2:30pm ET

Stay up to date with the latest round of enhancements to data.census.gov.

Details

Recorded Webinar: [Making the Most of Mapping on Data.census.gov](#)



Learn more about the possibilities the mapping feature of data.census.gov has to offer.

Stay Connected

Resources page:

census.gov/data/what-is-data-census-gov.html

Feedback: Email comments to

census.data@census.gov or
cedsci.feedback@census.gov

Kanin Reese

Chief, Dissemination Outreach Branch
Center for Enterprise Dissemination

U.S. Census Bureau

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301-763-3493



The screenshot shows the top navigation bar of the data.census.gov website. It includes the United States Census Bureau logo, a search bar, and navigation links for BROWSE BY TOPIC, EXPLORE DATA, LIBRARY, SURVEYS/ PROGRAMS, INFORMATION FOR..., and FIND A CODE. A teal banner below the navigation bar reads: "Need help accessing the 2020 Redistricting data? Check out our resources page." The main content area has a breadcrumb trail: // Census.gov > Data > What is data.census.gov?. The page title is "data.census.gov Resources". The introductory text states: "The vision for data.census.gov is to improve the customer experience by making data available from one centralized place so that data users spend less time searching for data and content, and more time using it." Below this text are three icons with corresponding labels: a grid of binary code (01100, 10110, 11110) labeled "data.census.gov", a gear and smartphone icon labeled "Census API Developers", and a magnifying glass over a document icon labeled "Microdata Access". A left sidebar contains a list of links: WHAT IS DATA.CENSUS.GOV?, About data.census.gov, Latest Releases, Upcoming Releases, Guidance for Data Users, Guidance for 2020 Redistricting Data Users, Developmental Update, Outreach, Newsletter, and Contact Us.

How-to Materials for Using the Microdata Access

Do you have questions on how to use Microdata Access? Check out our step-by-step guidance to learn how to use Microdata Access to create your own tabulations.

-  [Using Microdata Access: With ACS 1-Year Estimates – Public Use Microdata Sample](#) [1.5 MB]
-  [Using Microdata Access: How To Create Poverty Estimates From The CPS ASEC](#) [2.4 MB]