

# Transition to Microdata Access

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KaNin Reese  
Center for Enterprise Dissemination (CED)  
U.S. Census Bureau

# Microdata Access (MDAT)

- Microdata Access at [data.census.gov/mdat](https://data.census.gov/mdat) (internally known as MDAT) replaced DataFerrett in 2019
  - ❖ Tool that helps you to create tabulations using Census public use microdata without programming or statistical software
  - ❖ DataFerrett was decommissioned June 30<sup>th</sup>
- Phase 1 of development has finished. Continue to work on data migration
- Currently planning Phase 2: Integration with [data.census.gov](https://data.census.gov)
  - Search
  - Code Base

# Microdata = PUMS Files

## Public Use Microdata



### **Anonymized**

- No personally identifiable information
- Edits to protect confidentiality

### **Individual Responses**

- Must be tabulated and weighted by user

### **Accessible**

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

# Tabulated Data vs. Microdata: What's the Difference?

	Louisiana	
	Estimate	Margin of Error
▼ Total:	2,020,951	+/-14,211
▼ Male:	1,029,736	+/-9,995
▼ Management, business, science, and arts occupations:	289,129	+/-6,989
▼ Management, business, and financial occupations:	126,805	+/-5,330
^ Management occupations:	99,359	+/-4,708
^ Business and financial operations occupations:	27,446	+/-2,465
▼ Computer, engineering, and science occupations:	57,290	+/-4,110
^ Computer and mathematical occupations:	18,459	+/-2,169
^ Architecture and engineering occupations:	30,797	+/-3,039

**Microdata (a set of edited survey responses):**

“This male in Louisiana is a web developer.”

**Aggregated tables for a geography:**

“In 2016 in Louisiana, approximately 18,459 males worked in computer and mathematical occupations.”

RT	SERIALNO	SPORDER	ST	SEX	OCCP
P	267855	2	22	1	6600
P	267870	1	22	2	1020
P	267870	2	22	1	1030
P	267913	1	22	2	430
P	267913	2	22	1	9620
P	268097	1	22	2	4110
P	268097	2	22	1	6260

# Available Geographies

## ACS Available Geographies

Nation

Region

Division

State

Public Use Microdata Area (PUMA)

## CPS Available Geographies

Nation

State

County (available only for the basic CPS)

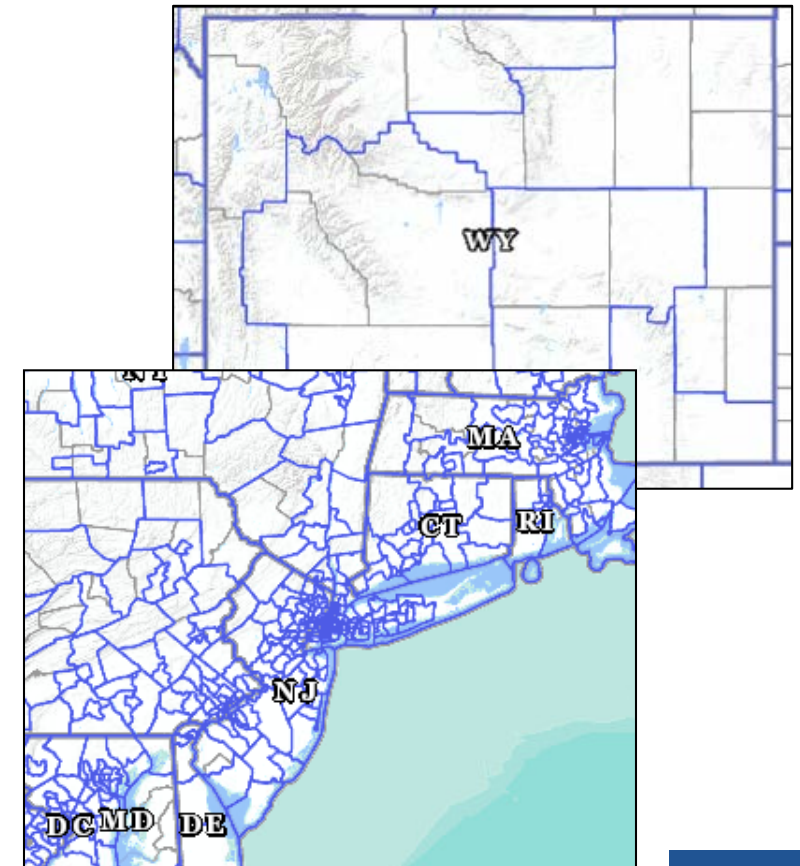
# Public Use Microdata Areas (PUMA)

## Defined area with 100,000+ population

- PUMAs (or collections of PUMAs) can be used to identify most cities of 100,000+ and many metro areas, but not all
- Identified by five-digit code (unique within each state)
- Nest within states and cover the entire nation
- Defined after each decennial census
- Census tracts and counties are the building blocks

## Selecting PUMAs in Microdata Access:

- MDAT geography dropdown
- Visualized through TIGERweb: [tigerweb.geo.gov](https://tigerweb.geo.gov).



# Microdata Access Basics

- Only use this tool to create tabulations if a pre-tabulated Census table is **NOT** available.
- Only available for **large geographies** like states and sometimes PUMAs (about 100,000 people)
- Creates tables on the **variable level** so a program or survey data dictionary is handy to know those definitions
  - Most questions we receive are survey/variable questions

# Demo

Example 1:

Female Hispanic population 50 and over in Washington

# Table B01001I – Sex by Age (Hispanic or Latino)

	Washington	
Label	Estimate	Margin of Error
30 to 34 years	41,558	±1,361
35 to 44 years	72,325	±1,781
45 to 54 years	49,589	±1,749
55 to 64 years	28,735	±1,495
65 to 74 years	14,122	±1,287
75 to 84 years	5,502	±1,105
85 years and over	885	±417
▼ Female:	468,831	±2,296
Under 5 years	47,286	±1,081
5 to 9 years	48,716	±2,927
10 to 14 years	51,709	±3,087
15 to 17 years	26,539	±1,239
18 and 19 years	17,387	±1,236
20 to 24 years	39,189	±1,755
25 to 29 years	40,398	±1,033
30 to 34 years	38,338	±1,680
35 to 44 years	64,910	±1,776
45 to 54 years	44,269	±1,595
55 to 64 years	28,018	±1,642
65 to 74 years	14,741	±1,396

Tabulated ACS tables in [data.census.gov](https://data.census.gov) do not provide data for the Hispanic population aged 50 years or older, but we can create a custom table for this using Microdata Access.

- Visit Microdata Access at [data.census.gov/mdat](https://data.census.gov/mdat)

The screenshot shows a web browser window with the URL <https://data.census.gov/mdat/#/> in the address bar, which is highlighted with a red rectangle. The page has a dark blue header with the text "MDAT" and "BETA". Below the header is a light gray bar with the text "Explore Data". The main content area has a large heading "Select a Dataset & Vintage". Under this heading, there are two selection fields. The first field is labeled "Select Dataset" and shows "ACS 1-Year Estimates - Public Use Microdata Sample" with a dropdown arrow. Below this, the text "ACSPUMS1Y" is visible. The second field is labeled "Select Vintage" and shows "2018" with a dropdown arrow. Below this, the text "2018" is visible. At the bottom right of the main content area is a teal button labeled "NEXT". At the bottom left, there is a link "Send Feedback" with the email address "cedsci.feedback@census.gov".

- Choose Dataset and Vintage:
  - Dataset – ACS 1-Year Estimates – Public Use Microdata Sample
  - Vintage – 2018
  - Click **Next** in the lower right

The screenshot shows a web interface titled "Select a Dataset & Vintage". It contains two dropdown menus. The first menu, labeled "Select Dataset", has "ACS 1-Year Estimates - Public Use Microdata Sample" selected, with the code "ACSPUMS1Y" visible below it. The second menu, labeled "Select Vintage", has "2018" selected, with the code "2018" visible below it. A teal "NEXT" button is located in the bottom right corner. Red rectangular boxes are drawn around the selected text in both dropdowns and the "NEXT" button.

- **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 214 of 507 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	<a href="#">DETAILS</a>
<input type="checkbox"/>	ANC	Ancestry categorization	5	Edited Items	<a href="#">DETAILS</a>
<input type="checkbox"/>	DRIVESP	Number of vehicles calculated from JWRI	7	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	FES	Family type and employment status	9	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	FPARC	Presence, age of related children	5	Recodes	<a href="#">DETAILS</a>
<input type="checkbox"/>	GRPIP	Gross rent as a percentage of household income past 12 months	3	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	HISP	Hispanic recode	24	Recodes	<a href="#">DETAILS</a>
<input type="checkbox"/>	JWAP	Time of arrival at work categorization	286	Edited Items	<a href="#">DETAILS</a>
<input type="checkbox"/>	JWDP	Time of departure for work - hour and minute	151	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	JWMNP	Travel time to work	2	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	JWVDP	Vehicle categorization	11	Estimate	<a href="#">DETAILS</a>

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#)

VIEW TABLE

- **Select variable for Hispanic:**
  - Type "HISP" in the Variable search box or type "Hispanic" in the label search box
  - Click **Details** to browse information about this variable
  - Check the box to the left of HISP to add the variable to your data cart

Explore Data/ Microdata/ Custom Table

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

Showing 1 of 507 Variables Selected: 1 variable (1 column, 24 rows)

	Variable	Label	Number of Values	Type	
<input checked="" type="checkbox"/>	hisp	hispanic		(3) Edited Items, Estimate, Re	<a href="#">^ DETAILS</a>
	HISP	Hispanic recode	24	Recodes	

**Description:**  
Hispanic recode Variable Universe Description: ALL

**Values:**

- 01 -- Not Spanish/Hispanic/Latino
- 02 -- Mexican
- 03 -- Puerto Rican
- 04 -- Cuban
- 05 -- Dominican
- 06 -- Costa Rican

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) [VIEW TABLE](#)

- **Select variable for Sex:**
  - Type "SEX" in the Variable search box or type "Sex" in the label search box
  - Click **Details** to browse information about this variable
  - Check the box to the left of Sex to add the variable to your data cart

The screenshot shows the 'SELECT VARIABLES' tab in the Census Data Explorer. The interface includes a search bar, a table of variables, and a details section for the selected variable 'SEX'.

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

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

Showing 1 of 507 Variables Selected: 2 variables (2 columns, 24 rows)

	Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/>	SEX	Sex	2	Edited Items, Estimate, Recodes

**DETAILS**

**Description:**  
Sex Variable Universe Description: ALL

**Values:**

- 1 -- Male
- 2 -- Female

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) **CHANGE** **VIEW TABLE**

## ■ 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 (3) TABLE LAYOUT DOWNLOAD

filter by Topic

Search is not enabled in this beta version

SEARCH

Showing 1 of 507 Variables

Selected: 3 variables (2 columns, 24 rows)

	Variable	Label	Number of Values	Type	
<input checked="" type="checkbox"/>	agep	age	2	3) Edited Items, Estimate, Recodes	
	AGEP	Age	2	Estimate	<a href="#">^ DETAILS</a>
<div><div><b>Description:</b> Age</div><div><b>Values:</b><ul style="list-style-type: none"><li>1 to 99 -- 1 to 99 years (Top-coded***)</li><li>00 -- Under 1 year</li></ul></div></div>					

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

Explore Data / Microdata / Custom Table

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

**GEOGRAPHIES**

Region

Division

**State**

Public Use Microdata Area (PUMA)

**STATE**

☐ South Dakota

☐ Tennessee

☐ Texas

☐ Utah

☐ Vermont

☐ Virginia

☒ Washington

☐ West Virginia

☐ Wisconsin

☐ Wyoming

Washington ✕

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#)

[VIEW TABLE](#)

- **Limit your universe:**
  - Click the **Data Cart** tab
  - Click the **HISP** variable on the left
  - Uncheck the box for **Not Spanish/Hispanic/Latino** (This action allows you to limit the universe to Hispanics)

Explore Data / Microdata / Custom Table

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

**Selected Variables (3)**

**AGEP**  
2 of 2 responses

**SEX**  
2 of 2 responses

**HISP**  
23 of 24 responses

**Hispanic recode (HISP)** DETAILS ^

[+ CREATE CUSTOM GROUP](#)

<input checked="" type="checkbox"/> Include in Universe	Response Label	Value
<input type="checkbox"/>	Not Spanish/Hispanic/Latino	01
<input checked="" type="checkbox"/>	Mexican	02
<input checked="" type="checkbox"/>	Puerto Rican	03
<input checked="" type="checkbox"/>	Cuban	04
<input checked="" type="checkbox"/>	Dominican	05
<input checked="" type="checkbox"/>	Costa Rican	06
<input checked="" type="checkbox"/>	Guatemalan	07
<input checked="" type="checkbox"/>	Honduran	08
<input checked="" type="checkbox"/>	Nicaraguan	09
<input checked="" type="checkbox"/>	Panamanian	10
<input checked="" type="checkbox"/>	Salvadoran	11
<input checked="" type="checkbox"/>	Other Central American	12

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) [VIEW TABLE](#)

- **Categorize (recode) your variable:**
  - Click the **AGEP** variable on the left
  - Click **Create Custom Group** to begin specifying your age categories (e.g. 0-49; 50 and over)

Explore Data / Microdata / Custom Table

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

Selected Variables (3)

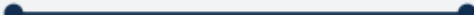
**AGEP**  
2 of 2 responses

**SEX**  
2 of 2 responses

**HISP**  
23 of 24 responses

**Age (AGEP)** DETAILS ^

**+ CREATE CUSTOM GROUP**

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

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) VIEW TABLE

- **Categorize (recode) your variable:**
  - Click into **Group label** and type a label for the first category you want to create (e.g. 0-49)
  - Check the box next to both relevant response categories for this code (1 to 99 years and under 1 year)
  - Edit the end range of age from 99 to **49**
  - Click **Save Group**

Explore Data/ Microdata/ Custom Table

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

Selected Variables (4)

**AGEP**  
2 of 2 responses

**SEX**  
2 of 2 responses

**HISP**  
23 of 24 responses

**AGEP\_RC1**  
1 of 1 responses

**Age recode** AUTO GROUP

Age 0-49 Show on table

Group Label  
Age 0-49

8 / 60

<input checked="" type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	1 to 99 years (Top-coded***)	1 <span>49</span>
<input checked="" type="checkbox"/>	Under 1 year	00

CANCEL SAVE GROUP

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) VIEW TABLE

- Categorize (recode) your variable:
  - Your first category Age 0-49 appears just below “Not Elsewhere Classified”
  - Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the category

Explore Data/ Microdata/ Custom Table

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

Selected Variables (4)

AGEP	2 of 2 responses	
SEX	2 of 2 responses	
HISP	23 of 24 responses	
AGEP_RC1	2 of 2 responses	

Age recode

**Not Elsewhere Classified**  
VALUES: 50:99

**Age 0-49**  
VALUES: 1:49, 00

AUTO GROUP

EDIT GROUP

EDIT GROUP

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#)

VIEW TABLE

- Categorize (recode) your variable:
  - Click into **Group Label** and rename the category (e.g. Age 50+)
  - Click **Save Group** in the lower right

Explore Data / Microdata / Custom Table

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

Selected Variables (4)

AGEP  
2 of 2 responses

SEX  
2 of 2 responses

HISP  
23 of 24 responses

AGEP\_RC1  
2 of 2 responses

### Age recode

Age 50+ Show on table

Group Label  
Age 50+

7 / 60

☐ Add to Group

Response Label

Value

☐

Between 50 and 99

50 99

CANCEL

SAVE GROUP

Age 0-49  
VALUES: 1:49, 00

EDIT GROUP

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) [VIEW TABLE](#)

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

Explore Data/ Microdata/ Custom Table

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

#### Selected Variables (4)

**AGEP**

2 of 2 responses



**SEX**

2 of 2 responses



**HISP**

23 of 24 responses



**AGEP\_RC1**

2 of 2 responses



#### Age recode

AUTO GROUP

Age 50+

VALUES: 50:99

EDIT GROUP

Age 0-49

VALUES: 1:49, 00

EDIT GROUP

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#)

[VIEW TABLE](#)

- **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 (Washington) for each detailed Hispanic group (Mexican, Puerto Rican, etc.) in the rows. Sex is provided in the column.
  - **Not on Table – Can restrict the universe.** By default, AGEP\_RC1 is not on the table, and it does not restrict the universe because the recode includes ages for all people (0-49 and 50+)

SELECT VARIABLES   SELECT GEOGRAPHIES   DATA CART (4)   **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)  
SEX 2 of 2 responses
- Rows (2)  
23 rows (maximum 2000)  
SELECTED GEOGRAPHIES 1 of 1 responses  
HISP 23 of 24 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: Washington; Hispanic recode (HISP): all except: Not Spanish/Hispanic/Latino

	Sex (SEX)	
Hispanic recode (HISP)	Male	Female
Washington (23)		
Mexican	???	???
Puerto Rican	???	???
Cuban	???	???
Dominican	???	???
Costa Rican	???	???
Guatemalan	???	???
Honduran	???	???
Mexican	???	???

- Edit Table Layout:
  - Move Selected Geography to Columns:
    - **Click, hold and drag Selected Geographies on the left side of the page up to the columns heading.** This will give you a table layout similar to prefabricated ACS tables on data.census.gov, where each geography has its own column

SELECT VARIABLES   SELECT GEOGRAPHIES   DATA CART (4)   **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)

SEX 2 of 2 responses

**Rows (2)**  
23 rows (maximum 2000)  
SELECTED GEOGRAPHIES 1 of 1 responses  
SELECTED GEOGRAPHIES 1 of 1 responses

HISP 23 of 24 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: Washington; Hispanic recode (HISP): all except: Not Spanish/Hispanic/Latino

	Sex (SEX)	
Hispanic recode (HISP)	Male	Female
▼ Washington (23)		
Mexican	???	???
Puerto Rican	???	???
Cuban	???	???
Dominican	???	???
Costa Rican	???	???
Guatemalan	???	???
Honduran	???	???
Nicaraguan	???	???

## ■ Edit Table Layout:

- **Move AGEP\_RC1 to Rows:** This will add categories in our table row for the population 0-49 and 50+
- **Move HISP to Not on Table:** This will limit our universe to the Hispanic population (since we unchecked the box in the data cart for value 01 – Not Hispanic or Latino). Putting this in “Not in table” restricts our universe without providing detailed breakouts for each Hispanic category (Mexican, Puerto Rican, etc).

SELECT VARIABLES   SELECT GEOGRAPHIES   DATA CART (4)   **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 (2)  
2 columns (maximum 400)

SELECTED GEOGRAPHIES 1 of 1 responses

SEX 2 of 2 responses

Rows (1)  
23 rows (maximum 2000)

**HISP 23 of 24 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: Washington; Hispanic recode (HISP): all except: Not Spanish/Hispanic/Latino

	Selected Geographies	
	Washington	
	Sex (SEX)	
Hispanic recode	Male	Female
Mexican	???	???
Puerto Rican	???	???
Cuban	???	???
Dominican	???	???
Costa Rican	???	???
Guatemalan	???	???

- 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 female Hispanics age 0-49 and 50+ in Washington

SELECT VARIABLES   SELECT GEOGRAPHIES   DATA CART (4)   **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 (2)  
2 columns (maximum 400)

SELECTED GEOGRAPHIES 1 of 1 responses

SEX 2 of 2 responses

Rows (1)  
2 rows (maximum 2000)

AGEP\_RC1 2 of 2 responses

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

HISP 23 of 24 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 Age (AGEP)

Universe: selected geographies: Washington; Hispanic recode (HISP): all except: Not Spanish/Hispanic/Latino

	Washington	
	Sex (SEX)	
Age recode	Male	Female
Age 50+	???	???
Age 0-49	???	???

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

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (4)TABLE LAYOUTDOWNLOAD

Custom Table

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

AGEP2 of 2 responses

Columns (2)  
2 columns (maximum 400)

SELECTED GEOGRAPHIES1 of 1 responses

SEX2 of 2 responses

Rows (1)  
2 rows (maximum 2000)

AGEP\_RC12 of 2 responses

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

HISP23 of 24 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: Washington; Hispanic recode (HISP): all except: Not Spanish/Hispanic/Latino

Show Total

	Selected Geographies		
	Washington		
	Sex (SEX)		
Age recode	Total Sex (SEX)	Male	Female
▼ ??? (2)	0	0	0
Age 50+	???	???	???
Age 0-49	???	???	???

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)CHANGE

VIEW TABLE

26 2020CENSUS.GOV

Shape  
your future  
START HERE >

United States<sup>®</sup>  
Census  
2020

- View Table:
  - There were an estimated 68,828 female Hispanic people age 50 and older in Washington in 2018
  - There were an estimated 402,416 female Hispanic people age between 0 and 49 in WA in 2018

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: 2018 ▾

Weighting: PUMS person weight ▾

On Columns

On Rows

Selected Geographies   SEX

AGEP\_RC1

Not on Table

"Values in table cells" Options

HISP

AGEP

Values in table cells:

Count ▾

Universe: selected geographies: Washington; Hispanic recode (HISP): all except: Not Spanish/Hispanic/Latino

Show Total

	Selected Geographies		
	Washington		
	Sex (SEX)		
Age recode	Total Sex (SEX)	Male	Female
▼ Total (2)	969,851	498,607	471,244
Age 50+	139,617	70,789	68,828
Age 0-49	830,234	427,818	402,416

# Demo

## Example 2:

### Work from Home by Detailed Industry in Washington

# Table B08126 – Worked at Home by Industry

Annually released prefabricated ACS tables provide data about individuals who worked from home for 14 industries, but what if we want this data for more detailed industries?

MEANS OF TRANSPORTATION TO WORK BY INDUSTRY

Survey/Program: American Community Survey

TableID: B08126

Product: 2018: ACS 1-Year Estimates Detailed Tables

Universe: Workers 16 years and over

CUSTOMIZE TABLE

	Washington	
Label	Estimate	Margin of Error
Transportation and warehousing, and utilities	6,313	±1,342
Information	1,966	±660
Finance and insurance, and real estate and rental and leasing	2,995	±1,077
Professional, scientific, and management, and administrative and waste management services	12,530	±1,789
Educational services, and health care and social assistance	15,233	±1,753
Arts, entertainment, and recreation, and accommodation and food services	7,216	±1,375
Other services (except public administration)	2,791	±980
Public administration	3,314	±945
Armed forces	962	±425
▼ Worked at home:	238,682	±9,226
Agriculture, forestry, fishing and hunting, and mining	6,446	±1,385
Construction	10,147	±1,815
Manufacturing	15,657	±1,834
Wholesale trade	7,198	±1,380
Retail trade	17,526	±2,372
Transportation and warehousing, and utilities	6,991	±1,449
Information	9,778	±1,646
Finance and insurance, and real estate and rental and leasing	23,870	±2,818
Professional, scientific, and management, and administrative and waste management services	69,330	±5,516
Educational services, and health care and social assistance	34,323	±3,373
Arts, entertainment, and recreation, and accommodation and food services	12,307	±1,968
Other services (except public administration)	15,722	±2,316
Public administration	8,901	±1,617
Armed forces	486	±352

- Visit Microdata Access at [data.census.gov/mdat](https://data.census.gov/mdat)

The screenshot shows a web browser window with the URL <https://data.census.gov/mdat/#/> in the address bar, which is highlighted with a red rectangle. The page has a dark blue header with the text "MDAT" and "BETA". Below the header is a light gray bar with the text "Explore Data". The main content area has a large heading "Select a Dataset & Vintage". There are two selection fields: "Select Dataset" with the value "ACS 1-Year Estimates - Public Use Microdata Sample" and "ACSPUMS1Y", and "Select Vintage" with the value "2018". A teal "NEXT" button is located at the bottom right. In the bottom left corner, there is a "Send Feedback" link with the email address "cedsci.feedback@census.gov".

- Choose Dataset and Vintage:
  - Dataset – ACS 1-Year Estimates – Public Use Microdata Sample
  - Vintage – 2018
  - Click **Next** in the lower right

The screenshot shows a web interface titled "Select a Dataset & Vintage". It contains two dropdown menus. The first dropdown, labeled "Select Dataset", has the option "ACS 1-Year Estimates - Public Use Microdata Sample" selected, with the code "ACSPUMS1Y" visible below it. The second dropdown, labeled "Select Vintage", has the option "2018" selected, with the code "2018" visible below it. A teal button labeled "NEXT" is located in the bottom right corner of the form area. Red rectangular boxes are drawn around the selected dataset text, the selected vintage text, and the "NEXT" button.

- **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 214 of 507 Variables

Select at least one variable to start

	Variable	Label	Number of Values	Type	
	<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 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 months	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"/>	JWVDP	Vehicle categorization	11	Estimate	▼ DETAILS

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#)

VIEW TABLE

- **Select variable for Transportation to Work:**
  - Type “JWTR” in the Variable search box or type “Work” in the label search box
  - Check the box to the left of JWTR to add the variable to data cart

The screenshot shows the 'SELECT VARIABLES' interface for the 2018 ACS 1-Year Estimates. The 'JWTR' variable is selected, and its details are expanded. The interface includes a table of variables and a details section for the selected variable.

Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/> JWTR	Transportation to work	13	Edited Items

**Description:**  
Transportation to work Variable Universe Description: AT WORK, CIVILIAN OR NONCIVILIAN

**Values:**

- 0 -- Not in universe - missing
- 1 -- Car/truck/van
- 2 -- Bus or trolley bus
- 3 -- Streetcar or trolley car (carro publico in Puerto Rico)
- 4 -- Subway or elevated
- 5 -- Railroad

**Dataset:** ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) [VIEW TABLE](#)

- **Select variable for Industry:**
  - Type "INDP" in the Variable search box or type "Industry" in the label search box
  - Check the box to the left of INDP to add the variable to your data cart

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

Showing 2 of 507 Variables | Selected: 2 variables (13 columns, 271 rows)

	Variable	Label	Number of Values	Type
<input checked="" type="checkbox"/>	indp	industry	271	(3) Edited Items, Estimate, Recode
	INDP	Industry recode for 2018 and later ba...	271	Recodes

**Details for INDP:**

**Description:**

**Values:**

- 169 -- N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)
- 0170 -- AGR-Crop Production
- 0180 -- AGR-Animal Production And Aquaculture
- 0190 -- AGR-Forestry Except Logging

**Dataset:** ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) [VIEW TABLE](#)

- **Select geography:**
  - Click the **SELECT GEOGRAPHIES** tab
  - Click **State** and **Washington**

The screenshot shows the 'SELECT GEOGRAPHIES' tab in the 2020 Census data tool. The interface includes a top navigation bar with tabs: 'SELECT VARIABLES', 'SELECT GEOGRAPHIES' (highlighted with a red box), 'DATA CART (2)', 'TABLE LAYOUT', and 'DOWNLOAD'. On the left, under 'GEOGRAPHIES', the 'State' category is selected (highlighted with a red box). Below it, 'Public Use Microdata Area (PUMA)' is listed. On the right, a list of states is shown under the 'STATE' heading. 'Washington' is checked (highlighted with a red box), while other states like South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia, Wisconsin, and Wyoming are unchecked. A 'Washington' tag with a close button is visible below the list. At the bottom, the dataset is identified as 'ACS 1-Year Estimates - Public Use Microdata Sample (2018)' with a 'CHANGE' link. A 'VIEW TABLE' button is in the bottom right corner.

- **Limit your universe:**
  - Click the **DATA CART** tab
  - Click the **JWTR** variable on the left
  - Uncheck the box for **Include in Universe**

SELECT VARIABLES

SELECT GEOGRAPHIES

**DATA CART (2)**

TABLE LAYOUT

DOWNLOAD

Selected Variables (2)

**JWTR**  
13 of 13 responses

**INDP**  
271 of 271 responses

Transportation to work (JWTR)

DETAILS ^

+ CREATE CUSTOM GROUP

<input checked="" type="checkbox"/> Include in Universe	Response Label	Value
<input type="checkbox"/>	<input type="text"/>	<input type="text"/>
<input checked="" type="checkbox"/>	Not in universe - missing	0
<input checked="" type="checkbox"/>	Car/truck/van	1
<input checked="" type="checkbox"/>	Bus or trolley bus	2
<input checked="" type="checkbox"/>	Streetcar or trolley car (carro publico in Puerto Rico)	3
<input checked="" type="checkbox"/>	Subway or elevated	4
<input checked="" type="checkbox"/>	Railroad	5
<input checked="" type="checkbox"/>	Ferry boat	6
<input checked="" type="checkbox"/>	Taxicab	7
<input checked="" type="checkbox"/>	Motorcycle	8
<input checked="" type="checkbox"/>	Bicycle	9
<input checked="" type="checkbox"/>	Walked	10
<input checked="" type="checkbox"/>	Worked At Home	11

Dataset: ACS 1-Year Estimates-Public Use Microdata Sample (2018) [CHANGE](#)

[VIEW TABLE](#)

- Limit your universe:
  - Check the box for **Worked At Home**

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (2)TABLE LAYOUTDOWNLOAD

JWTR  
1 of 13 responses

INDP  
271 of 271 responses

+ CREATE CUSTOM GROUP

<input type="checkbox"/> Include in Universe	Response Label	Value
<input type="checkbox"/>	Not in universe - missing	0
<input type="checkbox"/>	Car/truck/van	1
<input type="checkbox"/>	Bus or trolley bus	2
<input type="checkbox"/>	Streetcar or trolley car (carro publico in Puerto Rico)	3
<input type="checkbox"/>	Subway or elevated	4
<input type="checkbox"/>	Railroad	5
<input type="checkbox"/>	Ferry boat	6
<input type="checkbox"/>	Taxicab	7
<input type="checkbox"/>	Motorcycle	8
<input type="checkbox"/>	Bicycle	9
<input type="checkbox"/>	Walked	10
<input checked="" type="checkbox"/>	Worked At Home	11
<input type="checkbox"/>	Other	12

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)CHANGE

VIEW TABLE

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

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

Selected Variables (2)

- JWTR**  
1 of 13 responses
- INDP**  
271 of 271 responses

**Transportation to work (JWTR)** DETAILS ^

+ CREATE CUSTOM GROUP

<input type="checkbox"/> Include in Universe	Response Label	Value
<input type="checkbox"/>	Not in universe - missing	0
<input type="checkbox"/>	Car/truck/van	1
<input type="checkbox"/>	Bus or trolley bus	2
<input type="checkbox"/>	Streetcar or trolley car (carro publico in Puerto Rico)	3
<input type="checkbox"/>	Subway or elevated	4
<input type="checkbox"/>	Railroad	5
<input type="checkbox"/>	Ferry boat	6
<input type="checkbox"/>	Taxicab	7
<input type="checkbox"/>	Motorcycle	8
<input type="checkbox"/>	Bicycle	9
<input type="checkbox"/>	Walked	10
<input checked="" type="checkbox"/>	Worked At Home	11

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) [VIEW TABLE](#)

- View variable placement in the default table layout:
  - **Columns/Rows – Variables will be shown in the table.** By default, the table is providing data for the population who worked at home in the columns, with the geography (Washington) and detailed industries in the rows

[SELECT VARIABLES](#) [SELECT GEOGRAPHIES](#) [DATA CART \(2\)](#) [TABLE LAYOUT](#) [DOWNLOAD](#)

Custom Table

"Values in table cells" Options (0)  
Determines order in list; cannot move to row/column

**Columns (1)**  
1 columns (maximum 400)

**JWTR** 1 of 13 responses

**Rows (2)**  
271 rows (maximum 2000)

**SELECTED GEOGRAPHIES** 1 of 1 responses

**INDP** 271 of 271 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:  
Count

Universe: selected geographies: Washington; Transportation to work (JWTR): Worked At Home

☒ Show Total

	Transportation to work (JWTR)
Industry recode for 2018 and later based on 2017 IND codes (INDP)	Worked At Home
▼ ??? (271)	
▼ Washington (271)	
N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)	??
AGR-Crop Production	??
AGR-Animal Production And Aquaculture	??
AGR-Forestry Except Logging	??

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#)

[VIEW TABLE](#)

- Edit Table Layout:
  - Move Selected Geography to Columns:
    - **Click, hold and drag Selected Geographies on the left side of the page up to the columns heading.** This will give you a table layout similar to prefabricated ACS tables on data.census.gov, where each geography has its own column

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (2)TABLE LAYOUTDOWNLOAD

Custom Table

"Values in table cells" Options (0)  
Determines order in list; cannot move to row/column

Columns (1)  
1 columns (maximum 400)

JWTR  
1 of 13 responses

Rows (2)  
271 rows (maximum 2000)

SELECTED GEOGRAPHIES  
1 of 1 responses

SELECTED GEOGRAPHIES  
1 of 1 responses

INDP  
271 of 271 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:  
Count

Show Total

	Transportation to work (JWTR)
Industry recode for 2018 and later based on 2017 IND codes (INDP)	Worked At Home
▼ ??? (271)	
▼ Washington (271)	
N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)	??
AGR-Crop Production	??
AGR-Animal Production And Aquaculture	??
AGR-Forestry Except Logging	??

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)CHANGE

VIEW TABLE

- **Edit Table Layout:**
  - **Move JWTR to Not on Table:** This will limit our universe to the population that worked at home. Putting this in “Not in table” restricts our universe without cluttering up our table with a repeating label for “Worked at Home.”

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (2)TABLE LAYOUTDOWNLOAD

Custom Table

"Values in table cells" Options (0)  
Determines order in list; cannot move to row/column

Columns (2)  
1 columns (maximum 400)

SELECTED GEOGRAPHIES1 of 1 responses

JWTR1 of 13 responses

Rows (1)  
271 rows (maximum 1000)

INDP271 of 271 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:  
Count

Show Total

Selected Geographies	
Washington	
Transportation to work (JWTR)	
Industry recode for 2018 and later based on 2017 IND codes	Worked At Home
▼ ??? (271)	0
N/A (less than 16 years ...	???
AGR-Crop Production	???
AGR-Animal Production	???

Universe: selected geographies: Washington; Transportation to work (JWTR): Worked At Home

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)CHANGE

VIEW TABLE

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

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (2)TABLE LAYOUTDOWNLOAD

Custom Table

"Values in table cells" Options (0)  
Determines order in list; cannot move to row/column

Columns (1)  
1 columns (maximum 400)

SELECTED GEOGRAPHIES1 of 1 responses

Rows (1)  
271 rows (maximum 2000)

INDP271 of 271 responses

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

JWTR1 of 13 responses

Table Preview

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

Values in table cells:  
Count

Show Total

	Selected Geographies
Industry recode for 2018 and later based on 2017 IND codes	Washington
▼ ??? (271)	0
N/A (less than 16 years ...	???
AGR-Crop Production	???
AGR-Animal Production ...	???
AGR-Forestry Except Lo...	???
AGR-Logging	???

Universe: selected geographies: Washington; Transportation to work (JWTR): Worked At Home

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)CHANGE

VIEW TABLE

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2020

- **View Table:**
  - The estimated number of individuals in the Crop Production industry that worked at home in Washington is 4,268.

Custom Table

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

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

Vintage: 2018

Weighting: PUMS person weight

On Columns

Selected Geographies

Not on Table

JWTR

On Rows

INDP

"Values in table cells" Options

Values in table cells:

Count

Universe: selected geographies: Washington; Transportation to work (JWTR): Worked At Home

Show Total

	Selected Geographies	
Industry recode for 2018 and later based on 2017 IND codes	Washington	
▼ Total (271)		238,248
N/A (less than 16 years old/NILF who last worked more than 5 years ago or never worked)		0
AGR-Crop Production		4,268
AGR-Animal Production And Aquaculture		1,107
AGR-Forestry Except Logging		9
		419

Send Feedback

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- **Sort Table:**
  - Click the column header to sort the column in ascending or descending order

Values in table cells: Count

Universe: selected geographies: Washington; Transportation to work (JWTR): Worked At Home

☒ Show Total

Industry recode for 2018 and later based on 2017 IND codes	Selected Geographies
▼ Total (271)	Washington ↓ 238,248 ▲
PRF-Computer Systems Design And Related Services	20,209
PRF-Management, Scientific, And Technical Consulting Services	14,550
CON-Construction (The Cleaning Of Buildings And Dwellings Is Incidental During Construction And Immediately After Construction)	11,695
FIN-Lessors Of Real Estate, And Offices Of Real Estate Agents And Brokers	7,170
FIN-Insurance Carriers	6,303
RET-Electronic Shopping And Mail-Order Houses	5,402
ADM-Administration Of Human Resource Programs	5,332
SCA-Child Day Care Services	4,450
AGR-Crop Production	4,268
PRF-Architectural, Engineering, And Related Services	4,261
MED-General Medical And Surgical Hospitals, And Specialty (Except Psychiatric And Substance Abuse) Hospitals	4,247
PRF-Accounting, Tax Preparation, Bookkeeping, And Payroll Services	4,008
EDU-Elementary And Secondary Schools	3,750
SCA-Individual And Family Services	3,638
ENT-Independent Artists, Writers, And Performers	3,624

Send Feedback  
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- 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: 2018 ▾

Weighting: PUMS person weight ▾

On Columns

+

Selected Geographies

On Rows

+

INDP

Not on Table

+

"Values in table cells" Options

+

JWTR

Values in table cells:

Count ▾

Universe: selected geographies: Washington; Transportation to work (JWTR): Worked At Home

☒ Show Total

	Selected Geographies	
Industry recode for 2018 and later based on 2017 IND codes	Washington ▾	
▼ Total (271)		238,248 ▲
PRF-Computer Systems Design And Related Services		20,209
PRF-Management, Scientific, And Technical Consulting Services		14,550
CON-Construction (The Cleaning Of Buildings And Dwellings Is Incidental During Construction And Immediately After Construction)		11,695
FIN-Lessors Of Real Estate, And Offices Of Real Estate Agents And Brokers		7,170
		6,303

Send Feedback  
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BFS

- Download:
  - Select **Download table view (.CSV)**, then click **DOWNLOAD**
  - Click on **export.csv** to view your downloaded table

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

☒ Download table view (.CSV)

☐ Extract raw data (.CSV)

☐ Extract raw data (.JSON)

Include:

☒ \* PUMS person weight

☐ Housing Weight

\* weight associated with at least one variable in download

**DOWNLOAD**

Bookmark for your current selections; save to return later  
<https://data.census.gov/mdat/#/search?d>

Query to extract PUMS records for your current selection  
<https://api.census.gov/data/2018/acs/acs>

Query to extract tabular (aggregated) for your current selection

**Dataset:** ACS 1-Year Estimates - Public Use Microdata Sample 2018

Source: ACS 1-Year Estimates - Public Use Microdata Sample 2018  
Weight used: PWGTP  
Universe: selected geographies: Washington; Transportation to work (JWTR): Worked At Home

Industry recode for 2018 and later based on 2017 IND codes	Selected Geographies
-> Total	238248
PRF-Computer Systems Design And Related Services	20209
PRF-Management, Scientific, And Technical Consulting Services	14550
CON-Construction (The Cleaning Of Buildings And Dwellings Is Incidental During Construction And Immediately After Construction)	11695
FIN-Lessors Of Real Estate, And Offices Of Real Estate Agents And Brokers	7170
FIN-Insurance Carriers	6303
RET-Electronic Shopping And Mail-Order Houses	5402
ADM-Administration Of Human Resource Programs	5332
SCA-Child Day-Care Services	4450

# Demo

Example 3:

Poverty by Single Year of Age for Children Under 18 in Seattle PUMAs

# Table B17001 – Poverty By Age

POVERTY STATUS IN THE PAST 12 MONTHS BY SEX BY AGE

Survey/Program: American Community Survey

TableID: B17001

Product: 2018: ACS 1-Year Estimates Detailed Tables

Universe: Population for whom poverty status is determined

CUSTOMIZE TABLE

	Seattle City (Northwest) PUMA, Washington		Seattle City
Label	Estimate	Margin of Error	
▼ Total:	164,892	±7,812	
▼ Income in the past 12 months below poverty level:	9,204	±2,557	
▼ Male:	4,643	±1,755	
Under 5 years	450	±511	
5 years	0	±204	
6 to 11 years	193	±334	
12 to 14 years	38	±63	
15 years	46	±77	
16 and 17 years	36	±59	
18 to 24 years	989	±711	
25 to 34 years	1,075	±594	
35 to 44 years	316	±259	
45 to 54 years	113	±123	
55 to 64 years	435	±437	
65 to 74 years	784	±718	
75 years and over	1,075	±594	

Prefabricated ACS tables in [data.census.gov](https://data.census.gov) provide poverty by age, but what if we need more detailed age breakouts?

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United States<sup>®</sup>  
Census  
2020

- Visit Microdata Access at [data.census.gov/mdat](https://data.census.gov/mdat)

The screenshot shows a web browser window with the URL <https://data.census.gov/mdat/#/> highlighted in the address bar. The page has a dark blue header with the text "BETA" and "Explore Data". The main content area is titled "Select a Dataset & Vintage". It features two dropdown menus: "Select Dataset" with the selected option "ACS 1-Year Estimates - Public Use Microdata Sample" (ACSPUMS1Y) and "Select Vintage" with the selected option "2018". A teal "NEXT" button is located at the bottom right. In the bottom left corner, there is a "Send Feedback" link with the email address [cedsci.feedback@census.gov](mailto:cedsci.feedback@census.gov).

- Choose Dataset and Vintage:
  - Dataset – ACS 1-Year Estimates – Public Use Microdata Sample
  - Vintage – 2018
  - Click **Next** in the lower right

The screenshot shows a web interface titled "Select a Dataset & Vintage". It contains two dropdown menus. The first menu, labeled "Select Dataset", has "ACS 1-Year Estimates - Public Use Microdata Sample" selected, with the code "ACSPUMS1Y" visible below it. The second menu, labeled "Select Vintage", has "2018" selected, with the code "2018" visible below it. A teal "NEXT" button is located in the bottom right corner. Red rectangular boxes are drawn around the selected text in both dropdowns and the "NEXT" button.

- **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 214 of 507 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	<a href="#">DETAILS</a>
<input type="checkbox"/>	ANC	Ancestry categorization	5	Edited Items	<a href="#">DETAILS</a>
<input type="checkbox"/>	DRIVESP	Number of vehicles calculated from JWRI	7	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	FES	Family type and employment status	9	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	FPARC	Presence, age of related children	5	Recodes	<a href="#">DETAILS</a>
<input type="checkbox"/>	GRPIP	Gross rent as a percentage of household income past 12 months	3	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	HISP	Hispanic recode	24	Recodes	<a href="#">DETAILS</a>
<input type="checkbox"/>	JWAP	Time of arrival at work categorization	286	Edited Items	<a href="#">DETAILS</a>
<input type="checkbox"/>	JWDP	Time of departure for work - hour and minute	151	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	JWMNP	Travel time to work	2	Estimate	<a href="#">DETAILS</a>
<input type="checkbox"/>	JWVDP	Vehicle categorization	11	Estimate	<a href="#">DETAILS</a>

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) [VIEW TABLE](#)

## ■ Select variable for Poverty:

- 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.

**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)"**

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (1)TABLE LAYOUTDOWNLOAD

filter by Topic

Search is not enabled in this beta version

SEARCH

Showing 1 of 507 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

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)CHANGE

VIEW TABLE

## ■ 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)"

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 507 Variables

Selected: 2 variables (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	<a href="#">DETAILS</a>
Description:		Values:			
Age		<ul style="list-style-type: none"><li>1 to 99 -- 1 to 99 years (Top-coded***)</li><li>00 -- Under 1 year</li></ul>			

- **Select geography:**
  - Click the **SELECT GEOGRAPHIES** tab
  - Click **Public Use Microdata Area (PUMA)** and **Washington**
  - Check the boxes for the five **Seattle City PUMAs**

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

**GEOGRAPHIES**

Region

Division

State

**Public Use Microdata Area (PUMA)**

**PUBLIC USE MICRODATA AREA (PUMA) (STATE)**

Vermont

Virginia

**Washington**

West Virginia

Wisconsin

Wyoming

**WASHINGTON**

- ☐ Pierce County (Southeast)--Graham, Elk Plain & Prairie Ridge PUMA; Washington
- ☒ Seattle City (Northwest) PUMA, Washington
- ☒ Seattle City (Northeast) PUMA, Washington
- ☒ Seattle City (Downtown)--Queen Anne & Magnolia PUMA, Washington
- ☒ Seattle City (Southeast)--Capitol Hill PUMA, Washington
- ☒ Seattle City (West)--Duwamish & Beacon Hill PUMA, Washington
- ☐ King County (Northwest)--Shoreline, Kenmore & Bothell (South) Cities PUMA; Washington
- ☐ King County (Northwest)--Redmond, Kirkland Cities, Inglewood & Finn Hill PUMA; Washington
- ☐ King County (Northwest Central)--Greater Bellevue City PUMA, Washington
- ☐ King County (Central)--Sammamish, Issaquah, Mercer Island & Newcastle Cities PUMA; Washington

Seattle City (Northwest) PUMA, Washington ✕ Seattle City (Northeast) PUMA, Washington ✕ Seattle City (Downtown)--Queen Anne & Ma... ✕ Seattle City (Southeast)--Capitol Hill PUMA, ... ✕ Seattle City (West)--Duwamish & Beacon Hil... ✕

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [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. 0, 1, 2,..18)

The screenshot shows the 'DATA CART (2)' tab selected. On the left, under 'Selected Variables (2)', the 'AGEP' variable is highlighted with a red box. On the right, under 'Age (AGEP)', the '+ CREATE CUSTOM GROUP' button is highlighted with a red box. Below this, a table shows the custom groups being created:

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

At the bottom, the dataset is identified as 'ACS 1-Year Estimates - Public Use Microdata Sample (2018)' with a 'CHANGE' link and a 'VIEW TABLE' button.

- Categorize (recode) your age variable:
  - Click into **Group label** and type a label for the first category you want to create (e.g. Under 1 year)
  - Check the box next to **Under 1 Year**
  - Click **Save Group**

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (3)TABLE LAYOUTDOWNLOAD

Selected Variables (3)

AGEP  
2 of 2 responses

POVPIP  
3 of 3 responses

AGEP\_RC1  
1 of 1 responses

Age recode

AUTO GROUP

Under 1 year

Show on table

Group Label  
Under 1 year

12 / 60

Add to Group

Response Label

Value

☐1 to 99 years (Top-coded\*\*\*\*)

1

99

☒Under 1 year

00

CANCEL

SAVE GROUP

- Categorize (recode) your age variable:
  - Click into **Auto Group** in the upper right
  - In the pop-up box, edit the “End” range to **18** and confirm that Groups of” is set to **1** to get single year of age
  - Click **Auto Group**

The screenshot displays the 'Explore Data / Microdata / Custom Table' interface. On the left, under 'Selected Variables (3)', are 'AGEP' (2 of 2 responses), 'POVPIP' (3 of 3 responses), and 'AGEP\_RC1' (2 of 2 responses). The 'AGEP\_RC1' variable is highlighted with a red bar and the number '58' below it. A modal dialog titled 'Auto Group Variable' is centered on the screen. It contains three input fields: 'Start' with the value '1', 'End' with the value '18', and 'Groups of:' with the value '1'. The 'End' and 'Groups of:' fields are highlighted with red rectangles. At the bottom of the dialog are 'CANCEL' and 'AUTO GROUP' buttons, with the 'AUTO GROUP' button also highlighted with a red rectangle. In the background, on the right side of the interface, there are three buttons: 'AUTO GROUP' (highlighted with a red rectangle), 'EDIT GROUP', and another 'EDIT GROUP' button.

- Categorize (recode) your age variable:
  - You have now created categories for age 0, 1, 2, ....18. Ages 19-99 are in the group “Not elsewhere classified”
  - Click **Edit Group** for “Not Elsewhere Classified” to rename the category

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

**Selected Variables (3)**

- AGEP**  
2 of 2 responses
- POVPI**  
3 of 3 responses
- AGEP\_RC1**  
20 of 20 responses

**Age recode**

- Not Elsewhere Classified**  
VALUES: 19:99  
**EDIT GROUP**
- Under 1 year**  
VALUES: 00  
**EDIT GROUP**
- 1**  
VALUES: 1  
**EDIT GROUP**
- 2**  
VALUES: 2  
**EDIT GROUP**

**AUTO GROUP**

**Dataset:** ACS 1-Year Estimates - Public Use Microdata Sample (2018) **CHANGE** **VIEW TABLE**

- Categorize (recode) your age variable:
  - Click into **Group Label** and rename the category (e.g. 19+)
  - Click **Save Group** in the lower right

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**  
20 of 20 responses

**Age recode**   **AUTO GROUP**

19+   ☒ Show on table

Group Label  
19+   3 / 60

<input type="checkbox"/> Add to Group	Response Label	Value
<input type="checkbox"/>	Between 19 and 99	19 ————— 99

**CANCEL**   **SAVE GROUP**

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)   [CHANGE](#)   **VIEW TABLE**

- **Categorize (recode) your poverty variable:**
  - Click the **POVPIP** variable on the left
  - Uncheck the box for **NA** (people not in the poverty universe)
  - Click **Create Custom Group** to begin specifying income-to-poverty ratios

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

Selected Variables (3)


AGEP  
2 of 2 responses

POVPIP  
2 of 3 responses

AGEP\_RC1  
20 of 20 responses

Income-to-poverty ratio recode (POVPIP) DETAILS ^

+ CREATE CUSTOM GROUP

<input type="checkbox"/> Include in Universe	Response Label	Value
<input checked="" type="checkbox"/>	Below 501 percent	0 
<input type="checkbox"/>	N/A	-1
<input checked="" type="checkbox"/>	501 percent or more	501

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) CHANGE

VIEW TABLE

- Categorize (recode) your poverty variable:
  - Click into **Group label** and type a label for the first category you want to create (e.g. Below Poverty)
  - Check the box next **Below 501 Percent**
  - Edit the end range of age from 500 to **100** and Click **Save Group**

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (4)TABLE LAYOUTDOWNLOAD

Selected Variables (4)

AGEP  
2 of 2 responses

POVPIP  
2 of 3 responses

POVPIP\_RC1  
1 of 1 responses

Income-to-poverty ratio recode recode

AUTO GROUP

Below Poverty

Show on table

Group Label  
Below Poverty

13 / 60

<input type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	Below 501 percent	0 <input type="text" value="100"/>
<input type="checkbox"/>	501 percent or more	501

CANCELSAVE GROUP

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)62CHANGE

VIEW TABLE

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- Categorize (recode) your poverty variable:
  - You have now created categories for below poverty. People above poverty are in the group "Not elsewhere classified"
  - Click **Edit Group** for "Not Elsewhere Classified" to rename the category

The screenshot displays the 'DATA CART (4)' interface for the 'Income-to-poverty ratio recode recode' variable. On the left, under 'Selected Variables (4)', three variables are listed: AGEP (2 of 2 responses), POVPIP (2 of 3 responses), and POVPIP\_RC1 (2 of 2 responses). The main area shows two recoded categories: 'Not Elsewhere Classified' with values 101:500, 501, and 'Below Poverty' with values 0:100. Each category has an 'EDIT GROUP' button. The 'EDIT GROUP' button for 'Not Elsewhere Classified' is highlighted with a red rectangle. At the bottom, the dataset is identified as 'ACS 1-Year Estimates - Public Use Microdata Sample (2018)' with a 'CHANGE' link, and a 'VIEW TABLE' button is present.

- Categorize (recode) your poverty variable:
  - Click into **Group Label** and rename the category (e.g. Above Poverty)
  - Check the boxes for **Between 101 and 500** and **501 percent or more**
  - Click **Save Group** in the lower right

The screenshot shows the 'DATA CART (4)' tab in the Census 2020 data tool. On the left, under 'Selected Variables (4)', are AGEP, POVPIP, and POVPIP\_RC1. The main area is titled 'Income-to-poverty ratio recode recode' and features an 'AUTO GROUP' button. A 'Show on table' toggle is turned on. A red box highlights the 'Group Label' field, which contains 'Above Poverty'. Below this is a table with columns 'Add to Group', 'Response Label', and 'Value'. The first row is 'Above Poverty' with a value of 13 / 60. The second and third rows are 'Between 101 and 500' and '501 percent or more', both with values 101 and 501 respectively. Red boxes highlight the 'Add to Group' checkboxes for these two rows. At the bottom right, 'CANCEL' and 'SAVE GROUP' buttons are visible, with 'SAVE GROUP' highlighted by a red box. The dataset is identified as 'ACS 1-Year Estimates - Public Use Microdata Sample (2018)'.

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

Selected Variables (4)

AGEP  
2 of 2 responses

POVPIP  
2 of 3 responses

POVPIP\_RC1  
2 of 2 responses

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

**Above Poverty**   ☒ Show on table

Group Label  
Above Poverty

13 / 60

<input checked="" type="checkbox"/> Add to Group	Response Label	Value
<input checked="" type="checkbox"/>	Above Poverty	13 / 60
<input checked="" type="checkbox"/>	Between 101 and 500	101
<input checked="" type="checkbox"/>	501 percent or more	501

**CANCEL**   **SAVE GROUP**

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)   [CHANGE](#)   **VIEW TABLE**

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

The screenshot displays the 'Table Layout' tab in the Census 2020 data tool. The interface includes a top navigation bar with tabs: 'SELECT VARIABLES', 'SELECT GEOGRAPHIES', 'DATA CART (4)', 'TABLE LAYOUT' (highlighted with a red box), and 'DOWNLOAD'. On the left, a 'Selected Variables (4)' list is shown, containing 'AGEP' (2 of 2 responses), 'POVPIP' (2 of 3 responses), 'POVPIP\_RC1' (2 of 2 responses), and 'AGEP\_RC1' (20 of 20 responses). This list is enclosed in a red rectangular box. The main area on the right is titled 'Income-to-poverty ratio recode recode' and features an 'AUTO GROUP' button. Below this, two groups are defined: 'Below Poverty' with values 0:100 and 'Above Poverty' with values 101:500, 501. Each group has an 'EDIT GROUP' button. At the bottom, the dataset is identified as 'ACS 1-Year Estimates - Public Use Microdata Sample (2018)' with a 'CHANGE' link, and a 'VIEW TABLE' button is located in the bottom right corner.

- 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 is not on the table, and it does not restrict the universe because the recode includes ages for all people. The table is restricted to people in the poverty universe because we unchecked the box for “NA”

### Custom Table

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

AGEP 2 of 2 responses

POVPIP 2 of 3 responses

Columns (0)  
columns (maximum 400)

Rows (1)  
5 rows (maximum 2000)

SELECTED GEOGRAPHIES 5 of 5 responses

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

POVPIP\_RC1 2 of 2 responses

AGEP\_RC1 20 of 20 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: Seattle City (Northwest) PU..., Seattle City (Northeast) PU..., Seattle City (Downtown)--Qu..., Seattle City (Southeast)--C..., Seattle City (West)--Duwami...; Income-to-poverty ratio recode (POVPIP): Below 501 percent, 501 percent or more

Selected Geographies	
Seattle City (Northwest) PUMA, Washington	???
Seattle City (Northeast) PUMA, Washington	???
Seattle City (Downtown)--Queen Anne & Magnolia PUMA, Washington	???
Seattle City (Southeast)--Capitol Hill PUMA, Washington	???
Seattle City (West)--Duwamish & Beacon Hill PUMA, Washington	???

- Edit Table Layout:
  - Move Selected Geography to Columns:
    - **Click, hold and drag Selected Geographies on the left side of the page up to the columns heading.** This will give you a table layout similar to prefabricated ACS tables on data.census.gov, where each geography has its own column

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 2 of 2 responses  

Columns (0)  
Columns (maximum 400)

Rows (1)  
Rows (maximum 2000)  

SELECTED GEOGRAPHIES 5 of 5 responses  
SELECTED GEOGRAPHIES 5 of 5 responses

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

POVPIP\_RC1 2 of 2 responses  
AGEP\_RC1 20 of 20 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: Seattle City (Northwest) PU..., Seattle City (Northeast) PU..., Seattle City (Downtown)--Qu..., Seattle City (Southeast)--C..., Seattle City (West)--Duwami...; Income-to-poverty ratio recode (POVPIP): Below 501 percent, 501 percent or more

Selected Geographies	
Seattle City (Northwest) PUMA, Washington	???
Seattle City (Northeast) PUMA, Washington	???
Seattle City (Downtown)--Queen Anne & Magnolia PUMA, Washington	???
Seattle City (Southeast)--Capitol Hill PUMA, Washington	???
Seattle City (West)--Duwamish & Beacon Hill PUMA, Washington	???

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2020

- Edit Table Layout:
  - Move POVPIP\_RC1 to Rows:
    - Click, hold and drag POVPIP\_RC1 on the left side of the page up to the rows heading. Repeat this for AGEP\_RC1.

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	2 of 2 responses

Columns (1)  
5 columns (maximum 400)

SELECTED GEOGRAPHIES   5 of 5 responses

**Rows (0)**   0 of 2000 responses

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

POVPIP_RC1	2 of 2 responses
POVPIP_RC1	2 of 2 responses
AGEP_RC1	20 of 20 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: Seattle City (Northwest) PU..., Seattle City (Northeast) PU..., Seattle City (Downtown)--Qu..., Seattle City (Southeast)--C..., Seattle City (West)--Duwami...; Income-to-poverty ratio recode (POVPIP): Below 501 percent, 501 percent or more

Selected Geographies

Seattle City (Northwest) PUMA, Washington	Seattle City (Northeast) PUMA, Washington	Seattle City (Downtown)--Queen Anne & Magnolia PUMA, Washington	Seattle City (Southeast)--Capitol Hill PUMA, Washington	Seattle City (West)--Duwamish & Beacon Hill PUMA, Washington
???	???	???	???	???

- 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 people in poverty by age.

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 2 of 3 responses

Columns (1)  
5 columns (maximum 400)

SELECTED GEOGRAPHIES 5 of 5 responses

Rows (2)  
40 rows (maximum 2000)

POVPIP\_RC1 2 of 2 responses

AGEP\_RC1 20 of 20 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:

Count

Average of Age (AGEP)

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

Universe: selected geographies: Seattle City (Northwest) PU..., Seattle City (Northeast) PU..., Seattle City (Downtown)--Qu..., Seattle City (Southeast)--C..., Seattle City (West)--Duwami...; Income-to-poverty ratio recode (POVPIP): Below 501 percent, 501 percent or more

	Washington	Washington	(Northeast) PUMA,	Seattle City (Downtown)--Queen Anne & Magnolia PUMA, Washington	Seattle City (Southeast)--Capitol Hill PUMA, Washington	Seattle City (West)--Duwamish & Beacon Hill PUMA, Washington
▼ Below Poverty (20)						
19+		???	???	???	???	???
Under 1 year		???	???	???	???	???
1		???	???	???	???	???
2		???	???	???	???	???
3		???	???	???	???	???
4		???	???	???	???	???
5		???	???	???	???	???
6		???	???	???	???	???
7		???	???	???	???	???
8		???	???	???	???	???
9		???	???	???	???	???

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018) [CHANGE](#) [VIEW TABLE](#)

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

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (4)TABLE LAYOUTDOWNLOAD

Custom Table

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

AGEP2 of 2 responses

POVPIP2 of 3 responses

Columns (1)  
5 columns (maximum 400)

SELECTED GEOGRAPHIES5 of 5 responses

Rows (2)  
40 rows (maximum 2000)

POVPIP\_RC12 of 2 responses

AGEP\_RC120 of 20 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:

Count

☒ Show Total

Universe: selected geographies: Seattle City (Northwest) PU..., Seattle City (Northeast) PU..., Seattle City (Downtown)--Qu..., Seattle City (Southeast)--C..., Seattle City (West)--Duwami...; Income-to-poverty ratio recode (POVPIP): Below 501 percent, 501 percent or more

	Selected Geographies					
Age recode (AGEP_RC1)	Total	Seattle City (Northwest) PUMA, Washington	Seattle City (Northeast) PUMA, Washington	Seattle City (Downtown)--Queen Anne & Magnolia PUMA, Washington	Seattle City (Southeast)--Capitol Hill PUMA, Washington	Seattle City (West)--Duwamish & Beacon Hill PUMA, Washington
▼ ??? (40)	0	0	0	0	0	0
▼ Below Poverty (20)	0	0	0	0	0	0
19+	???	???	???	???	???	???
Under 1 year	???	???	???	???	???	???
1	???	???	???	???	???	???
2	???	???	???	???	???	???
3	???	???	???	???	???	???
4	???	???	???	???	???	???
5	???	???	???	???	???	???
6	???	???	???	???	???	???

Dataset: ACS 1-Year Estimates - Public Use Microdata Sample (2018)CHANGE

VIEW TABLE

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2020

- View Table:
  - The estimated number of people under the age of 1 in poverty in 2018 is:
    - Seattle City (Northwest) PUMA, Washington: 606
    - Seattle City (West)—Duwamish & Beacon Hill PUMA, Washington: 489

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

Vintage: 2018

Geography: 5 geographies selected [CHANGE GEOGRAPHY](#)

Weighting: PUMS person weight

On Columns: Selected Geographies

On Rows: POVPIP\_RC1, AGEPI\_RC1

Not on Table

"Values in table cells" Options: AGEPI, POVPIP

Values in table cells: Count

Universe: selected geographies: Seattle City (Northwest) PU..., Seattle City (Northeast) PU..., Seattle City (Downtown)--Qu..., Seattle City (Southeast)--C..., Seattle City (West)--Duwami...; Income-to-poverty ratio recode (POVPIP): Below 501 percent, 501 percent or more

Show Total

	Selected Geographies					
Age recode (AGEPI_RC1)	Total	Seattle City (Northwest) PUMA, Washington	Seattle City (Northeast) PUMA, Washington	Seattle City (Downtown)--Queen Anne & Magnolia PUMA, Washington	Seattle City (Southeast)--Capitol Hill PUMA, Washington	Seattle City (West)--Duwamish & Beacon Hill PUMA, Washington
Total (40)	725,155	164,902	135,532	147,665	130,683	146,373
Total Below Poverty (20)	81,747	10,876	22,953	17,941	15,075	14,902
19+	68,080	9,782	20,000	17,067	10,797	10,434
Under 1 year	1,095	606	0	0	0	489
1	1,574	0	236	0	1,092	246
2	1,586	0	146	323	286	831
Send Feedback	715	0	214	0	0	501
cedsci.feedback@census.gov	569	0	231	0	0	338

# Demo

Example 4:

Uninsured People Ages 40 and Over in the United States

# Table 2 – Uninsured by Age

Table 2.  
Percentage of People by Type of Health Insurance Coverage by Age: 2017 and 2018

(Numbers in thousands. Margins of error in percentage points. Population as of March of the following year. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <<https://www2.census.gov/programs-surveys/cps/techdocs/cpsmar19.pdf>>)

Characteristic	Total																					
	2017	2018	Any health insurance															Uninsured <sup>5</sup>				
			2017		2018		Change (2018 less 2017) <sup>1,*</sup>	Private health insurance <sup>3</sup>					Public health insurance <sup>4</sup>									
								2017		2018		Change (2018 less 2017) <sup>1,*</sup>	2017		2018		Change (2018 less 2017) <sup>1,*</sup>					
								Per- cent	Margin of error <sup>2</sup> (±)	Per- cent	Margin of error <sup>2</sup> (±)		Per- cent	Margin of error <sup>2</sup> (±)	Per- cent	Margin of error <sup>2</sup> (±)		Per- cent	Margin of error <sup>2</sup> (±)	Per- cent	Margin of error <sup>2</sup> (±)	Per- cent
Number	Number	Per- cent	Margin of error <sup>2</sup> (±)	Per- cent	Margin of error <sup>2</sup> (±)	Change (2018 less 2017) <sup>1,*</sup>	Per- cent	Margin of error <sup>2</sup> (±)	Per- cent	Margin of error <sup>2</sup> (±)	Change (2018 less 2017) <sup>1,*</sup>	Per- cent	Margin of error <sup>2</sup> (±)	Per- cent	Margin of error <sup>2</sup> (±)	Change (2018 less 2017) <sup>1,*</sup>	Per- cent	Margin of error <sup>2</sup> (±)	Per- cent	Margin of error <sup>2</sup> (±)	Change (2018 less 2017) <sup>1,*</sup>	
Total .....	322,490	323,668	92.1	0.2	91.5	0.2	*-0.5	67.7	0.3	67.3	0.4	-0.4	34.8	0.3	34.4	0.3	*-0.4	7.9	0.2	8.5	0.2	*0.5
Age																						
Under age 65 .....	271,424	270,881	90.8	0.2	90.0	0.2	*-0.7	70.3	0.4	70.2	0.4	-0.1	23.6	0.3	22.8	0.3	*-0.8	9.2	0.2	10.0	0.2	*0.7
Under age 19 <sup>6</sup> .....	77,487	77,333	95.0	0.3	94.5	0.3	*-0.6	61.6	0.6	61.8	0.7	0.2	37.0	0.6	35.7	0.7	*-1.3	5.0	0.3	5.5	0.3	*0.6
Aged 19 to 64 .....	193,937	193,548	89.0	0.2	88.3	0.3	*-0.8	73.8	0.4	73.5	0.4	-0.2	18.3	0.3	17.6	0.3	*-0.6	11.0	0.2	11.7	0.3	*0.8
Aged 19 to 25 <sup>7</sup> .....	29,811	29,297	86.3	0.6	85.7	0.6	-0.7	70.0	0.8	69.9	0.9	-0.1	18.8	0.7	18.3	0.7	-0.5	13.7	0.6	14.3	0.6	0.7
Aged 26 to 34 .....	40,222	40,768	86.0	0.5	86.1	0.5	Z	70.4	0.7	71.3	0.8	1.0	18.5	0.6	17.5	0.6	*-1.0	14.0	0.5	13.9	0.5	Z
Aged 35 to 44 .....	40,662	41,027	88.6	0.4	87.5	0.5	*-1.0	75.0	0.6	73.7	0.6	*-1.2	16.3	0.6	16.2	0.5	Z	11.4	0.4	12.5	0.5	*1.0
Aged 45 to 64 .....	83,242	82,455	91.7	0.3	90.7	0.3	*-1.0	76.1	0.5	75.8	0.5	-0.4	18.9	0.4	18.1	0.4	*-0.8	8.3	0.3	9.3	0.3	*1.0
Aged 65 and older .....	51,066	52,788	99.0	0.1	99.1	0.1	Z	53.7	0.8	52.4	0.7	*-1.3	94.2	0.3	94.1	0.3	-0.1	1.0	0.1	0.9	0.1	Z

Prefabricated  
CPS tables  
provide  
uninsured by  
age, but what  
if we need  
more  
detailed age  
breakouts?

- Visit Microdata Access at [data.census.gov/mdat](https://data.census.gov/mdat)

The screenshot shows a web browser window with the URL <https://data.census.gov/mdat/#/> highlighted in the address bar. The page has a dark blue header with the text "MDAT" and "BETA". Below the header is a light gray bar with the text "Explore Data". The main content area is white and features the heading "Select a Dataset & Vintage". There are two selection fields: "Select Dataset" with the value "ACS 1-Year Estimates - Public Use Microdata Sample" and "ACSPUMS1Y", and "Select Vintage" with the value "2018". A teal "NEXT" button is located at the bottom right. In the bottom left corner, there is a "Send Feedback" link with the email address "cedsci.feedback@census.gov".

- Choose Dataset and Vintage:
  - Dataset – CPS Annual Social and Economic (March) Supplement
  - Vintage – MAR 2019
  - Click **Next** in the lower right

## Select a Dataset & Vintage

Select Dataset

CPS Annual Social and Economic (March) Supplement

CPSASEC

Select Vintage

MAR 2019

201903

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 684 of 1008 Variables

Select at least one variable to start

	Variable	Label	Number of Values	Type	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	(3) Edited Items, Recodes, Topcodes	
<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"/>	HI_INITS	Number of Units in Structure-Household	5	Edited Items	▼ DETAILS

Dataset: CPS Annual Social and Economic (March) Supplement (201903)

CHANGE

VIEW TABLE

- **Select variable for Health Insurance Coverage Status:**
  - Type "COV" in the Variable search box or type "health insurance" in the label search box
  - Click **Details** to browse information about this variable
  - Check the box to the left of COV to add the variable to your data cart

Explore Data/ Microdata/ Custom Table

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

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

Showing 4 of 1008 Variables Selected: 1 variable (3 columns, 1 row)

	Variable	Label	Number of Values	Type	
<input checked="" type="checkbox"/>	COV	Any health insurance coverage last year	3	Edited Items	<a href="#">^ DETAILS</a>
<b>Description:</b> Any health insurance coverage last year					
<b>Values:</b> <ul style="list-style-type: none"><li>0 -- Infant born after calendar year</li><li>1 -- Yes</li><li>2 -- No</li></ul>					
<input type="checkbox"/>	NOW_COV	Currently covered by health insurance coverage	2	Edited Items	<a href="#">^ DETAILS</a>
<input type="checkbox"/>	NOW_HCOV	Any health insurance coverage in the HH (Now)	3	Edited Items	<a href="#">^ DETAILS</a>

Dataset: CPS Annual Social and Economic (March) Supplement (201903) [CHANGE](#) [VIEW TABLE](#)

## ■ 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)

**This variable is continuous and can only go to "Values in table cells". Create a group (recode) to use elsewhere. "Demographics, Age (A\_AGE)"**

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (2)TABLE LAYOUTDOWNLOAD

filter by Topic

Search is not enabled in this beta version

SEARCH

Showing 1 of 1008 Variables

Selected: 2 variables (3 columns, 1 row)

	Variable	Label	Number of Values	Type	
<input checked="" type="checkbox"/>	A_AGE	Age	1	[3] Edited Items, Recodes, Topcodes	<a href="#">DETAILS</a>
<b>Description:</b> Item 18d - Age Universe = All		<b>Values:</b> • 0 to 85 -- Range			

Dataset: CPS Annual Social and Economic (March) Supplement (201903)CHANGE

VIEW TABLE

- **Select geography:**
  - 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 census data. At the top, there are five tabs: 'SELECT VARIABLES', 'SELECT GEOGRAPHIES' (which is highlighted with an orange underline), 'DATA CART (2)', 'TABLE LAYOUT', and 'DOWNLOAD'. On the right side of the top bar is a teal double-checkmark icon. The main area is divided into two panels. The left panel, titled 'GEOGRAPHIES', contains a single selection labeled 'State'. The right panel is a large, empty white space with a vertical scrollbar on its right edge. At the bottom of the interface, there is a footer bar. On the left, it says 'Dataset: CPS Annual Social and Economic (March) Supplement (201903)' followed by a teal 'CHANGE' link. On the right, there is a grey button labeled 'VIEW TABLE'.

- **Limit your universe:**
  - Click the **Data Cart** tab
  - Click the **COV** variable on the left
  - Uncheck the box for **Infant born after calendar year** (This action allows you to limit the universe to individuals who were present for the full calendar year reference period)

Explore Data / Microdata / Custom Table

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

Selected Variables (2)

**A\_AGE**  
1 of 1 responses

**COV**  
2 of 3 responses

**Any health insurance coverage last year (COV)**   DETAILS ^

+ CREATE CUSTOM GROUP

<input type="checkbox"/> Include in Universe	Response Label	Value
<input type="checkbox"/>	Infant born after calendar year	0
<input checked="" type="checkbox"/>	Yes	1
<input checked="" type="checkbox"/>	No	2

Dataset: CPS Annual Social and Economic (March) Supplement (201903)   [CHANGE](#)   [VIEW TABLE](#)

- **Categorize (recode) your variable:**
  - Click the **A\_AGE** variable on the left
  - Click **Create Custom Group** to begin specifying your age categories (e.g. 0-39; 40 and over)

Explore Data/ Microdata/ Custom Table

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

### Selected Variables (2)

**A\_AGE**

1 of 1 responses



**COV**

2 of 3 responses



### Demographics, Age (A\_AGE)

DETAILS ^

**+ CREATE CUSTOM GROUP**



Include in  
Universe

Response Label

Value



Range

0

85

Dataset: CPS Annual Social and Economic (March) Supplement (201903) [CHANGE](#)

[VIEW TABLE](#)

- **Categorize (recode) your variable:**
  - Click into **Group label** and type a label for the first category you want to create (e.g. 0-39)
  - Check the box next to the response category for this code (Range)
  - Edit the end range of age from 99 to **39**
  - Click **Save Group**

SELECT VARIABLES

SELECT GEOGRAPHIES

DATA CART (3)

TABLE LAYOUT

DOWNLOAD

Selected Variables (3)

A\_AGE

1 of 1 responses

COV

2 of 3 responses

A\_AGE\_RC1

1 of 1 responses

Demographics, Age recode

AUTO GROUP

Age 0-39

Show on table

Group Label

Age 0-39

8 / 60

☒ Add to Group

Response Label

Value

☒

Range

0

39

CANCEL

SAVE GROUP

Dataset: CPS Annual Social and Economic (March) Supplement (201903)

CHANGE

VIEW TABLE

- Categorize (recode) your variable:
  - Your first category Age 0-39 appears just below “Not Elsewhere Classified”
  - Click **Edit Group** for “Not Elsewhere Classified” to verify and rename the category

[SELECT VARIABLES](#) [SELECT GEOGRAPHIES](#) [DATA CART \(3\)](#) [TABLE LAYOUT](#) [DOWNLOAD](#)

Selected Variables (3)

A\_AGE

1 of 1 responses

COV

2 of 3 responses

A\_AGE\_RC1

2 of 2 responses

Demographics, Age recode

Not Elsewhere Classified

VALUES: 40:85

AUTO GROUP

EDIT GROUP

Age 0-39

VALUES: 0:39

EDIT GROUP

Dataset: CPS Annual Social and Economic (March) Supplement (201903) [CHANGE](#)

[VIEW TABLE](#)

- Categorize (recode) your variable:
  - Click into **Group Label** and rename the category (e.g. Age 40+)
  - Click **Save Group** in the lower right

The screenshot shows the 'DATA CART (3)' interface with the following components:

- Top Navigation:** SELECT VARIABLES, SELECT GEOGRAPHIES, DATA CART (3) (active), TABLE LAYOUT, DOWNLOAD.
- Left Panel (Selected Variables (3)):**
  - A\_AGE: 1 of 1 responses
  - COV: 2 of 3 responses
  - A\_AGE\_RC1: 2 of 2 responses (highlighted with an orange bar)
- Main Panel (Demographics, Age recode):**
  - Age 40+ Group:** A red box highlights the 'Group Label' field containing 'Age 40+'. To its right is a 'Show on table' toggle (checked).
  - Response List:** A table with columns 'Add to Group', 'Response Label', and 'Value'.

<input type="checkbox"/>	Response Label	Value
<input type="checkbox"/>	Between 40 and 85	40 ————— 85
  - Buttons:** 'CANCEL' and 'SAVE GROUP' (highlighted with a red box) are at the bottom right of the Age 40+ section. Below the 'Age 0-39' section is an 'EDIT GROUP' button.
- Footer:** Dataset: CPS Annual Social and Economic (March) Supplement (201903) CHANGE VIEW TABLE

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

The screenshot displays the 'Table Layout' tab in the 2020 Census data tool. The top navigation bar includes 'SELECT VARIABLES', 'SELECT GEOGRAPHIES', 'DATA CART (3)', 'TABLE LAYOUT' (highlighted with a red box), and 'DOWNLOAD'. On the left, the 'Selected Variables (3)' list (also highlighted with a red box) contains three items: 'A\_AGE' (1 of 1 responses), 'COV' (2 of 3 responses), and 'A\_AGE\_RC1' (2 of 2 responses). The main content area is titled 'Demographics, Age recode' and features an 'AUTO GROUP' button. Below this, two age groups are listed: 'Age 40+' with values 40:85 and 'Age 0-39' with values 0:39, each with an 'EDIT GROUP' button. At the bottom, the dataset is identified as 'CPS Annual Social and Economic (March) Supplement (201903)' with a 'CHANGE' link, and a 'VIEW TABLE' button is located in the bottom right corner.

- **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) for health insurance coverage status in the rows.
  - **Not on Table – Can restrict the universe.** By default, A\_AGE\_RC1 is not on the table, and it does not restrict the universe because the recode includes ages for all people (0-39 and 40+)

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
  - A\_AGE   1 of 1 responses
- Columns (1)  
2 columns (maximum 400)
  - COV   2 of 3 responses
- Rows (0)  
rows (maximum 2000)
- Not on table (1)  
(may restrict the sample universe)
  - 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: Average of Demographics, Age (A\_AGE)

Universe: Any health insurance coverage last year (COV): all except: Infant born after calendar year

Any health insurance coverage last year (COV)	
Yes	No
???	???

- **Edit Table Layout:**
  - **Move A\_AGE\_RC1 to Rows:** This will add categories in our table row for the population 0-39 and 40+

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (3)TABLE LAYOUTDOWNLOAD

Custom Table

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

A\_AGE1 of 1 responses

Columns (1)  
2 columns (maximum 400)

COV2 of 3 responses

Rows (0)  
rows (maximum 2000)

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

A\_AGE\_RC12 of 2 responses

A\_AGE\_RC12 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 Demographics, Age (A\_AGE)

Universe: Any health insurance coverage last year (COV): all except: Infant born after calendar year

Any health insurance coverage last year (COV)

YesNo

???

???

Dataset: CPS Annual Social and Economic (March) Supplement (201903)CHANGEVIEW TABLE

- Choose type of values in table cells
  - Change the “Value in table cells” option from Average of Demographics, Age (A\_AGE) to **Count**. This will give you data for the total number of people age 0-39 and 40+ in the United States

SELECT VARIABLESSELECT GEOGRAPHIESDATA CART (3)TABLE LAYOUTDOWNLOAD

Custom Table

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

A\_AGE1 of 1 responses

Columns (1)  
2 columns (maximum 400)

COV2 of 3 responses

Rows (1)  
2 rows (maximum 2000)

A\_AGE\_RC12 of 2 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:  
Count

Average of Demographics, Age (A\_AGE)

Universe: Any health insurance coverage last year (COV): all except: Infant born after calendar year

Demographics, Age recode	Yes	No
Age 40+	???	???
Age 0-39	???	???

Dataset: CPS Annual Social and Economic (March) Supplement (201903)CHANGEVIEW 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

A\_AGE1 of 1 responses

Columns (1)  
2 columns (maximum 400)

COV2 of 3 responses

Rows (1)  
2 rows (maximum 2000)

A\_AGE\_RC12 of 2 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:

Count

Universe: Any health insurance coverage last year (COV): all except: Infant born after calendar year

☒ Show Total

	Any health insurance coverage last year (COV)		
Demographics, Age recode	Total	Yes	No
▼ ??? (2)	0	0	0
Age 40+	???	???	???
Age 0-39	???	???	???

Dataset: CPS Annual Social and Economic (March) Supplement (201903) [CHANGE](#)

**VIEW TABLE**

- View Table:
  - There were an estimated 10,595,053 uninsured people age 40 and older in the US in 2018
  - There were an estimated 16,867,235 uninsured people between ages 0 and 39 in US in 2018

Custom Table

CUSTOMIZE VARIABLES   DOWNLOAD / SHARE   DETAILS

Dataset: CPS Annual Social and Economic (March) Supplement

CHANGE DATASET

Geography: 0 geographies selected

CHANGE GEOGRAPHY

Vintage: MAR 2019

Weighting: Weight, March supplement - Person

On Columns

On Rows

COV

A\_AGE\_RC1

Not on Table

"Values in table cells" Options

A\_AGE

Values in table cells:

Count

Universe: Any health insurance coverage last year (COV): all except: Infant born after calendar year

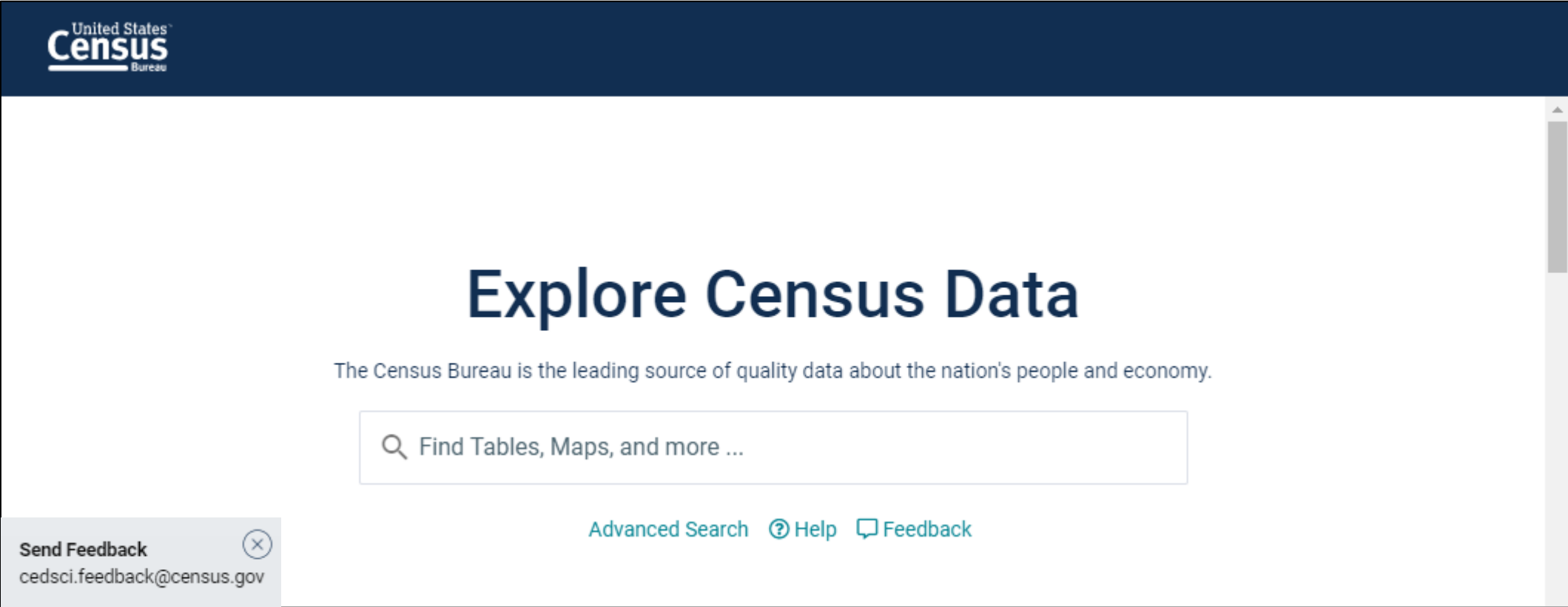
Show Total

	Any health insurance coverage last year (COV)		
Demographics, Age recode	Total	Yes	No
Total (2)	323,668,441	296,206,153	27,462,288
Age 40+	154,826,992	144,231,939	10,595,053
Age 0-39	168,841,449	151,974,214	16,867,235

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Help Us Improve data.census.gov Take Our SURVEY

01100  
10110  
11110

How long does it typically take you to find what you are looking for on data.census.gov?

☐ Less than a minute

☐ 1-3 minutes

☐ 4-9 minutes

☐ 10-30 minutes

☐ More than 30 minutes

Once you arrive on data.census.gov, typically, what is the first thing you do?

☐ Enter table ID, keyword, or question into the search bar

☐ Use advanced search

☐ Click on a link

☐ Sort or filter results

☐ Plot data

How satisfied are you with the **features and functionality** in data.census.gov?

Extremely satisfied (1)

(2)

(3)

(4)

(5)

(6)

Extremely dissatisfied (7)

When thinking about the **features and functionality** in data.census.gov, what improvement(s) would be most important to you?

92

2020CENSUS.GOV

[https://research.rm.census.gov/jfe/form/SV\\_0kc2c26tnQRrJcx](https://research.rm.census.gov/jfe/form/SV_0kc2c26tnQRrJcx)

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START HERE >

United States<sup>®</sup>  
Census  
2020

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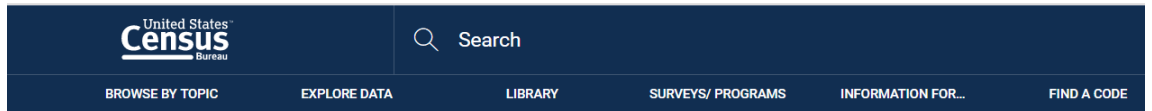
[census.gov/data/what-is-data-census-gov.html](https://census.gov/data/what-is-data-census-gov.html)

**Census Academy:**

[census.gov/data/academy/webinars/upcoming.html](https://census.gov/data/academy/webinars/upcoming.html)

**Feedback:** Email comments to [cedsci.feedback@census.gov](mailto:cedsci.feedback@census.gov)

KaNin Reese  
Chief, Dissemination Outreach Branch  
Center for Enterprise Dissemination  
U.S. Census Bureau  
[kanin.l.reese@census.gov](mailto:kanin.l.reese@census.gov)  
301-763-3493



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News and Updates

Guidance for Data Users

Outreach

< Back to Data

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## 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]