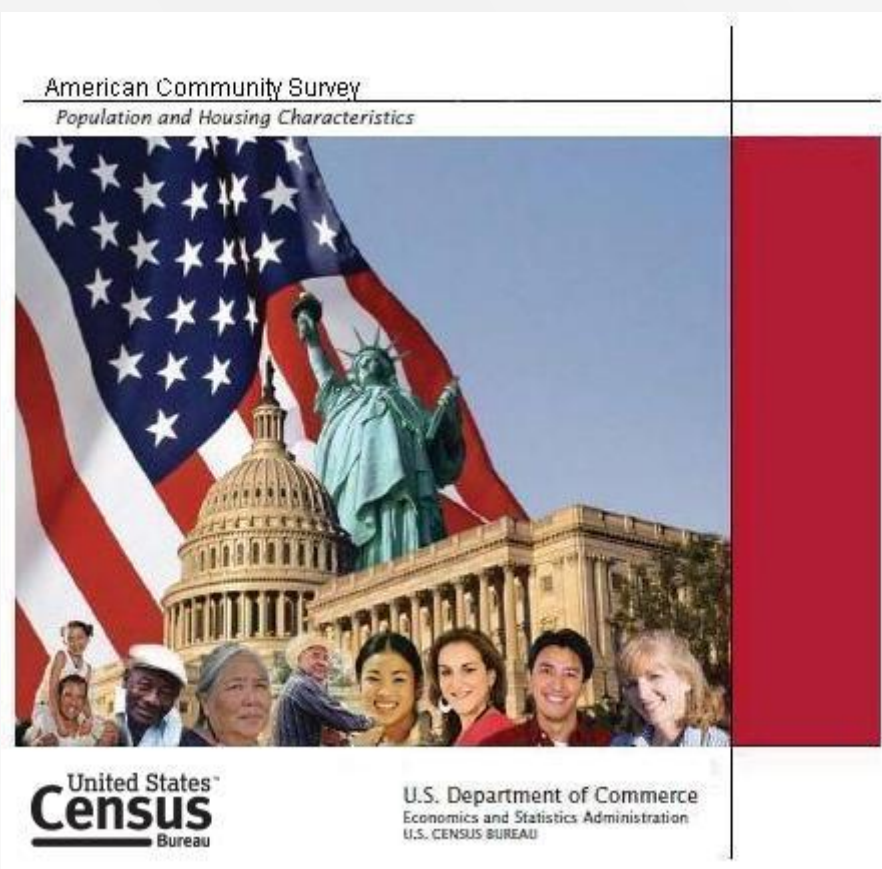


*Version 1*

# *The 2010 ACS 1-Year Summary File Technical Documentation*



American Community Survey Office  
Data Products  
Version 1, September 22, 2011



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# 1 Introduction

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## 1.1 The American Community Survey

The American Community Survey (ACS) is a household survey conducted by the U.S. Census Bureau that currently has an annual sample size of about 3.5 million addresses. The ACS data provides communities with the current information they need to plan investments and services. Information from the survey generates data that help determine how more than \$400 billion in federal and state funds are distributed annually. Each year the survey produces data that cover the periods of 1-year, 3-year, and 5-year estimates for geographic areas in the United States and Puerto Rico, ranging from neighborhoods to Congressional districts to the entire nation. For more information about the ACS, please visit our home page, [www.census.gov/acs](http://www.census.gov/acs). ACS tables are published on the Census Bureau's American FactFinder (AFF) website, [factfinder2.census.gov](http://factfinder2.census.gov), and are available for download in several forms. This document will brief data users on the contents of the ACS Summary File and explain how they can use it to obtain the 1-year estimates.

## 1.2 The American Community Survey Summary File

The American Community Survey Summary File (ACSSF) is a unique data product that includes all the estimates and margins of error from the Detailed Tables and geographies that are published for the ACS. Other ACS data products such as Subject Tables and Data Profiles are created from the Detailed Tables and are therefore not available in the Summary File.

Since the Detailed Tables contain a large number of cells, the tables are stored in a series of files with only the data from the tables, without such information as the title of the tables, the description of the rows, and the names of the geographic areas. That information is in other files that the user must merge with the data files to reproduce the tables.

The ACS Summary File data files are in American Standard Code for Information Interchange (ASCII) format. The files are divided into three types:

- Geographies – (position based and comma delimited)
- Estimates – (comma delimited)
- Margins of Error – (comma delimited)

[Chapter 2](#) discusses each component in detail and explains how to put them all together.

### 1.3 Topics and Geographies Covered

Data contained in the ACS Summary File cover demographic, social, economic, and housing subject areas. All Detailed Tables for the ACS 1-year estimates are in the Summary File and are listed in [Appendix E](#).

The published ACS Summary File geographies cover areas that are based on “summary levels”. A summary level specifies the content and the hierarchical relationships of the geographic elements that are required to tabulate and summarize data. For example, summary level code “040” represents the U.S. States, Washington D.C., and Puerto Rico; while summary level code “050” represents counties and county equivalents within states.

In addition to the summary level concept, the ACS 1-year estimates are published for areas that have passed the required 65,000 population threshold.

Many resources are available to help users understand the ACS geographic terms and concepts. For additional information, please visit [www.census.gov/geo/www/reference.html](http://www.census.gov/geo/www/reference.html) and [http://www.census.gov/acs/www/guidance\\_for\\_data\\_users/geography/](http://www.census.gov/acs/www/guidance_for_data_users/geography/). Users may also find the full list of summary levels published for the 1-year Detailed Tables in [Appendix F](#).

### 1.4 Tools for Obtaining Data

Since using the ACS Summary File can be challenging, users should first check if their tables of interest are available for download on American FactFinder. Below are some other options to help users retrieve the tables they want. They are listed in order based on ease of use.

- Summary File Excel Retrieval Tool

The Summary File Excel Retrieval Tool is a macro-driven Excel spreadsheet that provides a method to easily retrieve a table for the nation, states, and all of the geographic areas in a state (or for all cross-state geographic areas such as metropolitan statistical areas or census regions). This tool is designed to be easy to use, and does not require any programming experience. There is a drop down menu from which the user can select the state for the table and receive data for all geographies within the state. One key requirement is that Microsoft Excel 2007 or later is needed. Other hardware and software requirements for the tool are listed in [Chapter 3.1](#). For more information about the application, visit the ACS Summary File page at [www.census.gov/acs/www/data\\_documentation/summary\\_file/](http://www.census.gov/acs/www/data_documentation/summary_file/).

- Summary File Excel Import Tool

The Summary File Excel Import Tool is a replicate of the Excel templates that Census 2000 provided for the SF3 summary file release. The Excel Import Tool provides a basic layout of each sequence in Excel in the same format as the estimate and margin of error files are formatted. For individuals that do not have Excel 2007 or later and are unable to

use the Excel Retrieval Tool, the Excel Import Tool provides an alternative option to read the summary file into Excel. For more information on this tool, see [Chapter 3.3](#).

- **SAS Programs**

There are two programming options for SAS users. The first option is a set of individual SAS programs, one for each summary file by geography and sequence. These programs are best for users only interested in looking at a specific sequence for a specific geography. The second option is a single SAS program that is parameterized to allow users to read in any sequence for any geography into SAS. This program can also be used to read the entire summary file into SAS, and is designed for users looking for a large amount of data. For more information on these programs, see [Chapter 3.1](#).

## **1.5 Notable Changes to the Summary File**

For those who have used the ACS Summary File in previous years, the files for the 1-year estimates are similar to prior publications, with the following exceptions:

- The “merge\_5\_6” File Renamed to “Sequence Number and Table Number Lookup”

The merge\_5\_6 file for the 2009 ACS 1-year Summary File links the tables to the sequence files. For the 2010 ACS 1-year Summary File, it was renamed the “Sequence Number and Table Number Lookup” file, a name that more accurately describes the purpose and contents of this file. The name is already being used for the 2007-2009 ACS 3-year Summary File and 2005-2009 ACS 5-year Summary File. The file is in Microsoft Excel format (.xls), text format (.txt), and SAS database format (.sas7bdat) at [www2.census.gov/acs2010\\_1yr/summaryfile/](http://www2.census.gov/acs2010_1yr/summaryfile/).

Note that the sequence numbers for the Summary File are not consistent across years or data releases. For example, the sequence numbers for the 2010 ACS 1-year Summary File are different than the 2009 ACS 1-year Summary File, as well as the 2008-2010 ACS 3-year Summary File and the 2006-2010 ACS 5-year Summary File.

- Geography Files Now Offered in Comma Delimited Format

The geography files are now offered in two formats: position based and comma delimited. In previous years, the geography files were only offered in position based format.

- SummaryFileXLS.zip Renamed to SummaryFileTemplates.zip

SummaryFileXLS.zip contains templates (or column headers) for each of the sequence files. For the 2010 ACS 1-year Summary File, it was renamed to “SummaryFileTemplates.zip” to more accurately describe the contents of this file. This name is also being used for the 2008-2010 ACS 3-year Summary File and 2006-2010

ACS 5-year Summary File. In addition, we added a template for the geography file. SummaryFileTemplates.zip is located at [www2.census.gov/acs2010\\_1yr/summaryfile/UserTools/](http://www2.census.gov/acs2010_1yr/summaryfile/UserTools/).

- Missing Value Has Been Changed From Dot to Empty Cell

The 2009 ACS Summary Files used a dot “.” to indicate that an estimate was unavailable due to coefficient of variation (CV) filtering or Disclosure Review Board (DRB) restrictions. For the 2010 ACS Summary Files, the dot is being replaced by an empty cell. For more information, visit [Appendix C.3](#).

- Instructions Added on How to Join the Summary File to TIGER/Line Shapefiles

The Summary File Technical Documentation now includes instructions on how to join the ACSSF to TIGER/Line Shapefiles. For more information, visit [Chapter 2.6](#).

- Folders Have Been Renamed

The names of the folders on the website that hold the zipped files have been modified to better describe their contents. These have been renamed in an effort to deter novice users from inadvertently downloading the entire contents of the Summary File.

Folder Name for the 2009 1-Year Summary File	Folder Name for the 2010 1-Year Summary File
Entire_SF	2010_ACSSF_All_In_1_Giant_File(Experienced-Users-Only)
Entire_States	2010_ACSSF_By_State_All_Tables
Seq_by_ST	2010_ACSSF_By_State_By_Sequence_Table_Subset

## 1.6 Contact Us

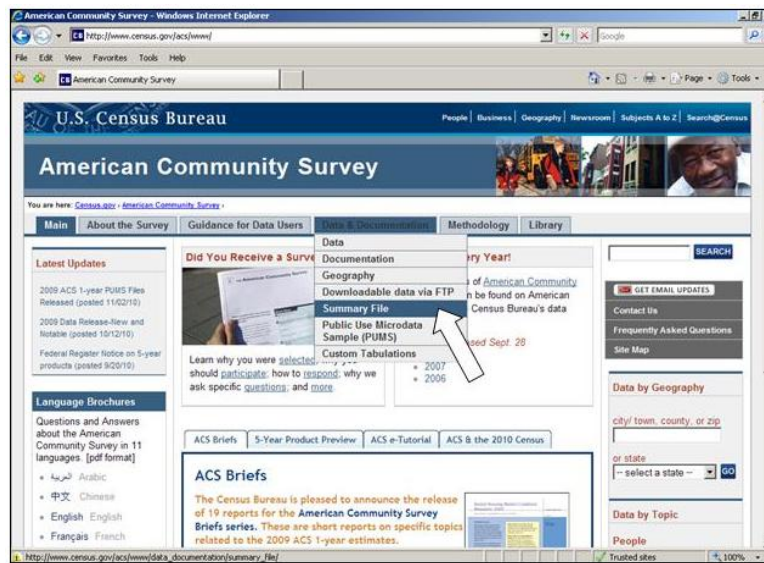
Please send any technical questions or comments on the ACS Summary File you have via email to: [acso.users.support@census.gov](mailto:acso.users.support@census.gov). If you have questions or comments about the American Community Survey, you can submit a question online at [ask.census.gov/](http://ask.census.gov/).



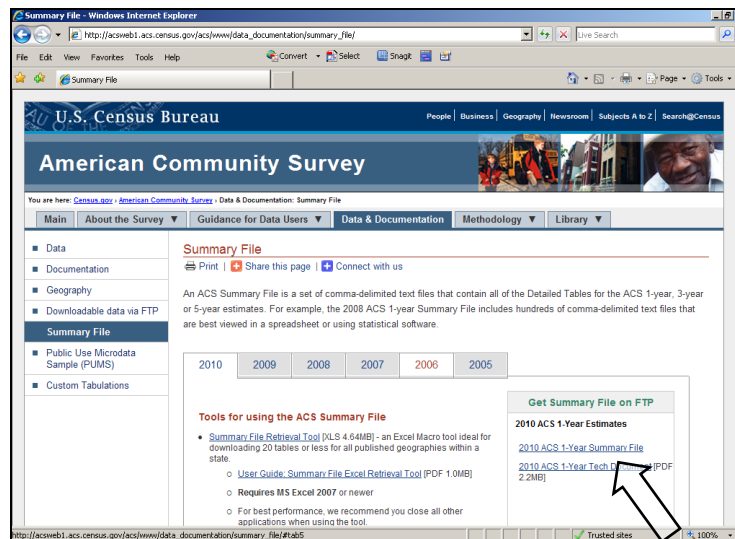
## 2 How to Use the ACS Summary File

### 2.1 Locating the Summary File

The 2010 ACS 1-year Summary File is accessible from the American Community Survey home page. From the ACS home page, [www.census.gov/acs](http://www.census.gov/acs), click on the **Data and Documentation** tab, select the option for **Summary File**, as shown below:



That will take you to the ACS Summary File page. Click on **2010 ACS 1-Year Summary File** to go to the ACS Summary File ftp site:



U.S. Census Bureau				People   Business   Geography   Newsroom   Subjects A to Z   Search@Census			
Name	Last modified	Size	Description				
 <a href="#">Parent Directory</a>		-					
 <a href="#">2010 ACSSF All In 1 Giant File(Experienced-Users-Only)/</a>	09-Sep-2011 11:17	-					
 <a href="#">2010 ACSSF By State All Tables/</a>	09-Sep-2011 11:15	-					
 <a href="#">2010 ACSSF By State By Sequence Table Subset/</a>	09-Sep-2011 13:53	-					
 <a href="#">SequenceNumberTableNumberLookup.sas7bdat</a>	12-Sep-2011 16:31	13M					
 <a href="#">Sequence Number and Table Number Lookup.txt</a>	12-Sep-2011 17:44	2.0M					
 <a href="#">Sequence Number and Table Number Lookup.xls</a>	12-Sep-2011 17:50	4.4M					
 <a href="#">UserTools/</a>	13-Sep-2011 11:09	-					
USCENSUSBUREAU Helping You Make Informed Decisions				Privacy Policy   2010 Census   Data Tools   Information Quality   Product Catalog   Contact Us   Home			

This is the ACS Summary File—it is actually comprised of three folders that are explained the next chapter.

## 2.2 Summary File Organization

The Summary File is organized in three folders as shown in the above screenshot. These three directories contain the same combination of files; they are simply arranged differently to accommodate various user needs:

- 2010\_ACSSF\_All\_In\_1\_Giant\_File(Experienced-Users Only)

The “All in 1 Giant File” directory contains a zipped file, which includes geography, estimate, and margin of error files. This zipped file is ideal to download if users want estimates and margins of error for all geographies throughout the nation at once. The file is very large and should only be used by those that can easily process a very large file. For a graphical representation of this folder and its contents, see [Appendix B.1](#).

- 2010\_ACSSF\_By\_State\_All\_Tables

The “By State All Tables” directory contains zipped files for each state or state level equivalent--each of the 50 states, District of Columbia, Puerto Rico, as well as cross-state geographies such as metropolitan areas. Each zipped file contains a geography file and multiple estimate and margin of error files. Downloading from these state level folders is ideal if users want all the tables for a state level geography or cross-state geographies. For a graphical representation of this folder and its contents, see [Appendix B.2](#).

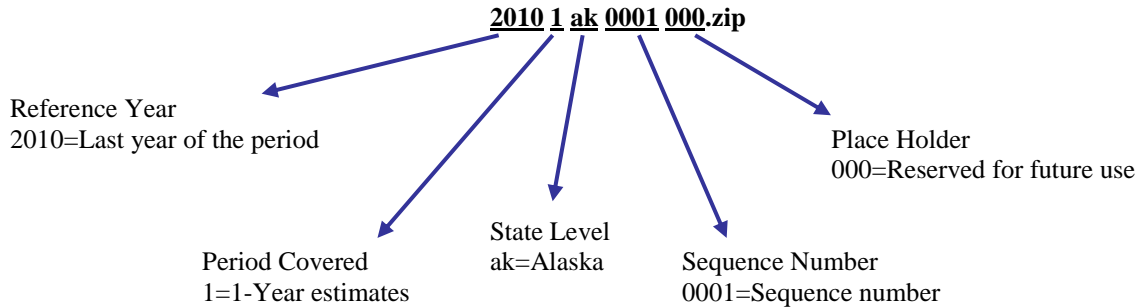
- 2010\_ACSSF\_By\_State\_By\_Sequence\_Table\_Subset

The “By State By Sequence Table Subset” directory contains folders for each state or state level equivalent--each of the 50 states, District of Columbia, Puerto Rico, as well as cross-state geographies such as metropolitan areas. Within those folders are a geography file and zipped files containing the estimate and margin of error files, one per “sequence” (sequences are explained in [Chapter 2.3](#)). Downloading from these folders is ideal if



users only want a few tables for a state level geography or cross-state geographies. For a graphical representation of this folder and its contents, see [Appendix B.3](#).

The naming convention used for the zipped files in this directory is the following:



File Name: 20101ak0001000.zip		
Example	Name	Range or Type
2010	Reference Year	ACS data year (last year of the period for multiyear periods)
1	Period Covered	1=1-year, 3=3-year, 5=5-year
ak	State Level	US or abbreviations for state, District of Columbia, and Puerto Rico
0001	Sequence Number	0001 to 9999
000	Place Holder	Iteration value for future use

As [Appendix B](#) shows, the “All in 1 Giant File” and the “By State All Tables” folders contain the same tables as the “By State By Sequence Table Subset” folder. The difference is in the organization. The “By State All Tables” zipped files contain all of the sequence files for the given state, so each zipped file contains 354 files. The “All in 1 Giant File” zipped file contain all sequence files for all states, which is thousands of files.

As mentioned earlier, the zipped files are divided by state or state-level equivalents. Those state-level equivalents include the District of Columbia and Puerto Rico. There is also a level called “United States,” which is for summary levels that can cross state boundaries, such as the Nation, and all Regions, Divisions, Metropolitan Statistical Areas and Tribal Reservations. The United States level does not contain tables for geographies that are always entirely within a state, such as counties and places; for those tables, go to the folder or files for that state.

The following is a table that gives examples of the types of summary levels are in the state and state-level equivalent folders and files and those that are in the United States folders and files.

Each State, DC, and Puerto Rico	United States
State	United States
County	Region
County subdivision	Division
Place	Metropolitan or urban statistical areas
Congressional districts (110th Congress)	New England City and Town Area (NECTA)
Public Use Microdata Area (PUMA)	American Indian/Alaska Native/Hawaiian Home Land areas
School Districts	Urban areas
Alaska Native Regional Corporation	

## 2.3 Sequence Numbers

Detailed Tables for similar subject areas are grouped together in “sequences”. A sequence number is an assigned number to a grouping of ACS tables. The rules governing how many tables can be assigned the same sequence number depend on the following:

- There are no more than 256 columns per sequence, so the data can be read into a spreadsheet.
- There are 179 sequences for the 2010 ACS 1-year Summary File.
- Tables are grouped into sequences according to subject area, but they are not in numerical order (i.e., Table B00001 is not in sequence file 0001).
- Tables with race iterations are grouped in the same sequence.

It is critical to know the sequence number associated with a Detailed Table (Table ID) for two reasons. First, one needs it in order to access the correct estimates and margins of error files for the desired table. Second, the field start position for the estimates or margins of error of a certain Detailed Table depends on its sequence number.

The Sequence Number and Detailed Table Number Lookup file, available as an Excel spreadsheet, text file, and SAS dataset, lists Table IDs associated with each sequence number. This spreadsheet, formerly known as “merge\_5\_6”, is available at [www2.census.gov/acs2010\\_1yr/summaryfile/](http://www2.census.gov/acs2010_1yr/summaryfile/). The name of the Excel spreadsheet is “Sequence\_Number\_and\_Table\_Number\_Lookup.xls,” the text file is called “Sequence\_Number\_and\_Table\_Number\_Lookup.txt,” and the SAS dataset is called “SequenceNumberTableNumberLookup.sas7bdat.”

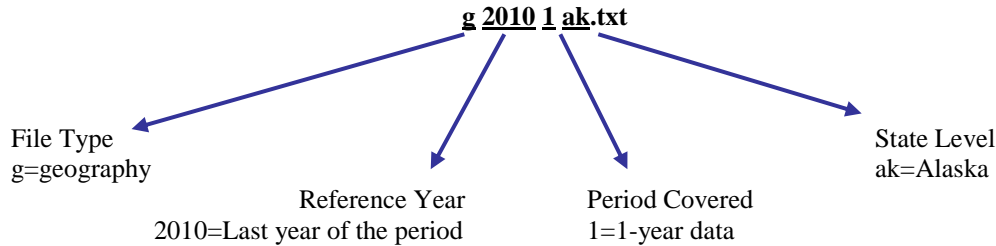
For example, to find the sequence number associated with the table B08406, a user must open and look for that Table ID in the Sequence Number and Table Number Lookup file. Shown below is a screenshot of this file opened to where the “tblid” is B08406. The next column in the file, “seq”, shows that this Table ID is associated with the sequence number “0003”. In order to access the estimate and margin of error file for Table B08406, a user will need to download the estimate and margin of error files labeled with the sequence number “0003”.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
446	ACSSF	B08406	0003			7 51 CELLS		SEX OF Vn Journey to Work						
447	ACSSF	B08406	0003					Universe: Workers 16 years and over						
448	ACSSF	B08406	0003	1				Total:						
449	ACSSF	B08406	0003	2				Car, truck, or van:						
450	ACSSF	B08406	0003	3				Drove alone						
451	ACSSF	B08406	0003	4				Carpooled:						
452	ACSSF	B08406	0003	5				In 2-person carpool						
453	ACSSF	B08406	0003	6				In 3-person carpool						
454	ACSSF	B08406	0003	7				In 4-or-more-person carpool						
455	ACSSF	B08406	0003	8				Public transportation (excluding taxicab):						
456	ACSSF	B08406	0003	9				Bus or trolley bus						
457	ACSSF	B08406	0003	10				Streetcar or trolley car (carro publico in Puerto Rico)						
458	ACSSF	B08406	0003	11				Subway or elevated						
459	ACSSF	B08406	0003	12				Railroad						
460	ACSSF	B08406	0003	13				Ferryboat						
461	ACSSF	B08406	0003	14				Bicycle						
462	ACSSF	B08406	0003	15				Walked						
463	ACSSF	B08406	0003	16				Taxicab, motorcycle, or other means						
464	ACSSF	B08406	0003	17				Worked at home						
465	ACSSF	B08406	0003	18				Male:						
466	ACSSF	B08406	0003	19				Car, truck, or van:						
467	ACSSF	B08406	0003	20				Drove alone						
468	ACSSF	B08406	0003	21				Carpooled:						
469	ACSSF	B08406	0003	22				In 2-person carpool						

## 2.4 Geography File

There is a geography file that comes with the estimate and margin of error files. This file begins with a “g” and is an ASCII file using either a position based format or comma delimited format. A geography file exists for each state or state level equivalent.

Geography files are named using the following convention:



File Name: g20101ak.txt		
Example	Name	Range or Type
g	File Type	g=geography
2010	Reference Year	ACS data year (last year of the period for multiyear periods)
1	Period Covered	1=1-year, 3=3-year, 5=5-year
ak	State Level	US or abbreviations for state, District of Columbia, and Puerto Rico

The geography files contain geographic information for an ACS tabulated area, including the name of the area. One variable on the file, called LOGRECNO, is the logical record number and is used to link the level of geography to the estimate and margin of error files. An example of how to use LOGRECNO is discussed in [Chapter 2.5](#).

The following table provides the layout of the geography file:

Variable Name	Description	Field Size	Starting Position	Geographic Summary Levels For 1-Year Tables
<b>RECORD CODES</b>				
FILEID	Always equal to ACS Summary File identification	6	1	All Summary Levels
STUSAB	State Postal Abbreviation	2	7	All Summary Levels
SUMLEVEL	Summary Level	3	9	All Summary Levels
COMPONENT	Geographic Component	2	12	All Summary Levels
LOGRECNO	Logical Record Number	7	14	All Summary Levels
<b>GEOGRAPHIC AREA CODES</b>				
US	US	1	21	010
REGION	Census Region	1	22	020
DIVISION	Census Division	1	23	030
STATECE	State (Census Code)	2	24	<b>Reserved for future use</b>
STATE	State (FIPS Code)	2	26	040, 050, 060, 160, 230, 312, 352, 500, 795, 950, 960, 970
COUNTY	County of current residence	3	28	050, 060
COUSUB	County Subdivision (FIPS)	5	31	060
PLACE	Place (FIPS Code)	5	36	160, 312, 352

TRACT	Census Tract	6	41	<b>Reserved for future use</b>
BLKGRP	Block Group	1	47	<b>Reserved for future use</b>
CONCIT	Consolidated City	5	48	<b>Reserved for future use</b>
AIANHH	American Indian Area/Alaska Native Area/ Hawaiian Home Land (Census)	4	53	250
AIANHHFP	American Indian Area/Alaska Native Area/ Hawaiian Home Land (FIPS)	5	57	<b>Reserved for future use</b>
AIHHTLI	American Indian Trust Land/ Hawaiian Home Land Indicator	1	62	<b>Reserved for future use</b>
AITSC	American Indian Tribal Subdivision (Census)	3	63	<b>Reserved for future use</b>
AIT	American Indian Tribal Subdivision (FIPS)	5	66	<b>Reserved for future use</b>
ANRC	Alaska Native Regional Corporation (FIPS)	5	71	230
CBSA	Metropolitan and Micropolitan Statistical Area	5	76	310, 312, 314
CSA	Combined Statistical Area	3	81	330
METDIV	Metropolitan Statistical Area-Metropolitan Division	5	84	314
MACC	Metropolitan Area Central City	1	89	<b>Reserved for future use</b>
MEMI	Metropolitan/Micropolitan Indicator Flag	1	90	010, 020, 030, 040, 314
NECTA	New England City and Town Area	5	91	335, 350, 352
CNECTA	New England City and Town Combined Statistical Area	3	96	335
NECTADIV	New England City and Town Area Division	5	99	355
UA	Urban Area	5	104	400
BLANK		5	109	<b>Reserved for future use</b>
CDCURR	Current Congressional District ***	2	114	500
SLDU	State Legislative District Upper	3	116	<b>Reserved for future use</b>
SLDL	State Legislative District Lower	3	119	<b>Reserved for future use</b>
BLANK		6	122	<b>Reserved for future use</b>
BLANK		3	128	<b>Reserved for future use</b>
BLANK		5	131	<b>Reserved for future use</b>
SUBMCD	Subminor Civil Division (FIPS)	5	136	<b>Reserved for future use</b>
SDELM	State-School District (Elementary)	5	141	950
SDSEC	State-School District (Secondary)	5	146	960
SDUNI	State-School District (Unified)	5	151	970
UR	Urban/Rural	1	156	010, 020, 030, 040
PCI	Principal City Indicator	1	157	010, 020, 030, 040, 312, 352
BLANK		6	158	<b>Reserved for future use</b>
BLANK		5	164	<b>Reserved for future use</b>
PUMA5	Public Use Microdata Area – 5% File	5	169	795
BLANK		5	174	<b>Reserved for future use</b>
GEOID	Geographic Identifier	40	179	All Summary Levels
NAME	Area Name	200	219	All Summary Levels
BTTR	Tribal Tract	6	419	256, 258, 291, 292, 293, 294
BTBG	Tribal Block Group	1	425	258, 293, 294
BLANK		50	426	<b>Reserved for future use</b>

This year, we created an Excel template for the geography file named “2010\_SFGeoFileTemplate.xls”. The template provides users with two rows containing the variable names and their descriptions (as displayed in the above table) for each column in the geography file. It is meant to be used with the comma delimited version of the geography file. The template is available at [http://www2.census.gov/acs2010\\_1yr/summaryfile/UserTools/](http://www2.census.gov/acs2010_1yr/summaryfile/UserTools/) in the zipped “2010\_SummaryFileTemplates” folder. Here is a screenshot of the Excel file:

	A	B	C	D	E	F	G	H	I	J	K	L	M	
1	FILEID	STUSAB	SUMLEVEL	COMPONENT	LOGRECNO	US	REGION	DIVISION	STATECE	STATE	COUNTY	COUSUB	PLACE	TR
	Always equal to ACS Summary File Identification	State Postal Abbreviation	Summary Level	Geographic Component	Logical Record Number	US	Census Region	Census Division	State (Census Code)	State (FIPS Code)	County of current residence	County Subdivision (FIPS)	Place (FIPS Code)	Cer Tra
3														
4														
5														
6														
7														

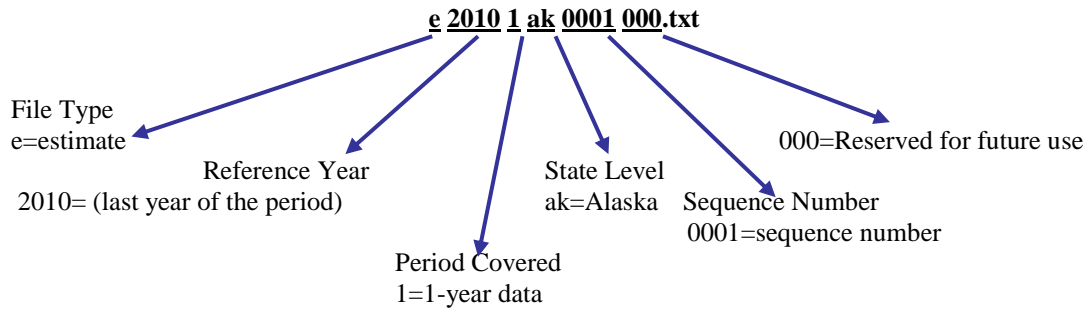
Each state, the District of Columbia, Puerto Rico and the set of cross-state geographies, have one geography file associated with them regardless of how the Summary File is accessed. For example, the following screenshot shows the beginning of the state geography file for Maryland. In the screenshot, the logical record numbers corresponding with the state of Maryland, Allegany County, and Anne Arundel County are circled. The logical record number for the state of Maryland is “0000001”, for Allegany County it is “0000012”, and for Anne Arundel County it is “0000013”.

ACSSF	MD040000000001	24	04000US24	Maryland
ACSSF	MD040010000002	24	04001US24	Maryland; Urban
ACSSF	MD040430000003	24	04043US24	Maryland; Rural
ACSSF	MD040A00000004	24	040A0US24	Maryland; In metropolitan or micropolitan statistical area
ACSSF	MD040C00000005	24	040C0US24	Maryland; In metropolitan statistical area
ACSSF	MD040C10000006	24	040C1US24	Maryland; In metropolitan statistical area -- in principal city
ACSSF	MD040C20000007	24	040C2US24	Maryland; In metropolitan statistical area -- not in principal city
ACSSF	MD040E00000008	24	040E0US24	Maryland; In micropolitan statistical area
ACSSF	MD040E20000009	24	040E2US24	Maryland; In micropolitan statistical area -- not in principal city
ACSSF	MD040G00000010	24	040G0US24	Maryland; Not in metropolitan or micropolitan statistical area
ACSSF	MD040H00000011	24	040H0US24	Maryland; Not in metropolitan statistical area
ACSSF	MD050000000012	24001	05000US24001	Allegany County, Maryland
ACSSF	MD050000000013	24003	05000US24003	Anne Arundel County, Maryland
ACSSF	MD050000000014	24005	05000US24005	Baltimore County, Maryland
ACSSF	MD050000000015	24009	05000US24009	Calvert County, Maryland

Excess spaces in the pictured geography file have been removed for illustrative purposes.

## 2.5 Estimate and Margin of Error Files

Each of the three Summary File directories include zipped files containing estimate files (file names beginning with an “e”) and margins of error files (file names beginning with an “m”). The estimate files contain published ACS estimates and the margin of error files contain published ACS margins of error for their respective estimates. Here is the naming convention used for those files:



File Name: e20101ak0003000.txt		
Example	Name	Range or Type
e	File Type	e=estimate, m=margin of error
2010	Reference Year	ACS data year (last year of the period for multiyear periods)
1	Period Covered	1=1-year, 3=3-year, 5=5-year
ak	State Level	US or abbreviations for state, District of Columbia and Puerto Rico
0003	Sequence Number	0001 to 9999
000	Reserved for future use	Iteration value for future use

The estimates and margins of error for Detailed Tables are grouped together in by sequence numbers, as discussed in [Chapter 2.3](#). There is an estimate and margin of error file for each sequence number.

The format of the estimate and margin of error files are identical; they are strings of comma-delimited ASCII text. Each row represents a different geographic area and the first six fields contain metadata such as the geographic area and the sequence number. Following those fields are the estimates or margins of error for the Detailed Tables. Starting and ending positions of the fields associated with each Detailed Table can be found using the Sequence Number and Table Number Lookup file, which is discussed in [Chapter 2.3](#). The estimates or margins of error for one Detailed Table span several fields within a row.

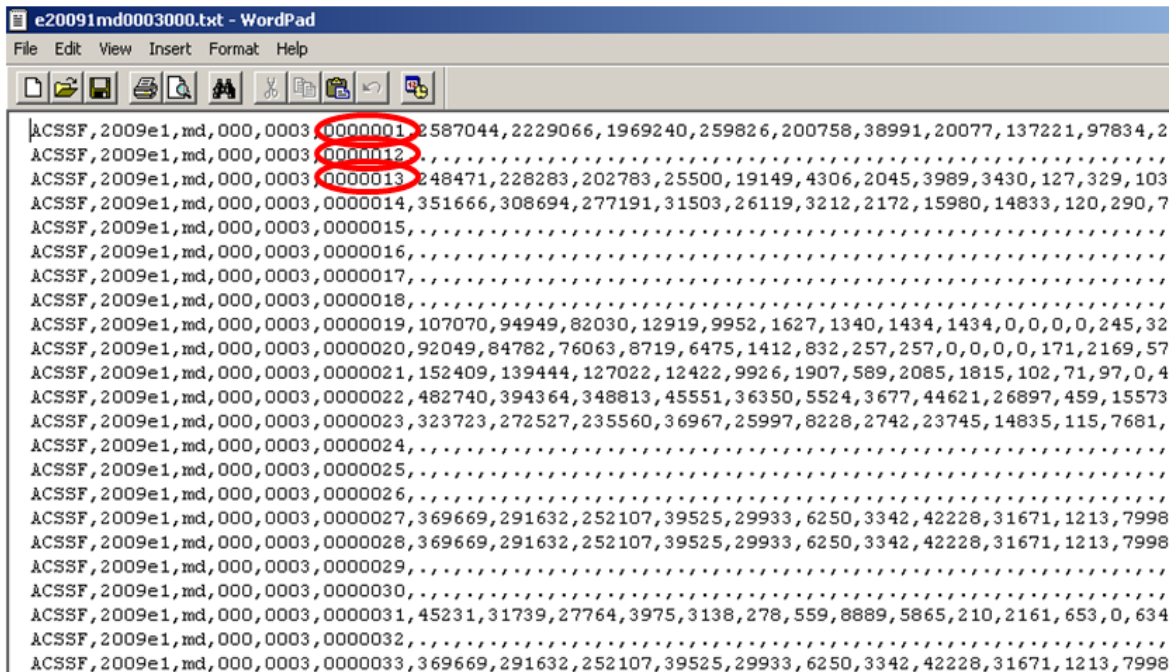
Here is the record layout of the estimates and the margin of error files:

Field Name	Description	Field Size
FILEID	File Identification	6 Characters
FILETYPE	File Type	6 Characters
STUSAB	State/U.S.-Abbreviation (USPS)	2 Characters
CHARITER	Character Iteration	3 Characters
SEQUENCE	Sequence Number	4 Characters
LOGRECNO	Logical Record Number	7 Characters
Field # 7 and up	Estimates	Various

Going back to the example from [Chapter 2.3](#), we know that table B08406 corresponds to sequence “0003”. Additionally, the Sequence Number and Table Number Lookup file (as shown earlier) tells us that table B08406 begins at position seven and contains 51 cells.

In order to get estimates for Maryland; Allegany County, MD; and Anne Arundel County, MD one must recall the logical record numbers associated with each geography. In [Chapter 2.4](#), we identified these to be “0000001”, “0000012”, and “0000013”, respectively. The logical record number, LOGRECNO, must be used to merge the geography information to the estimate and margin of error files.

The example below shows the estimate file for sequence “0003” and all geographies except census tracts and block groups for the state of Maryland using the 2009 ACS 1-year Summary File. For the 2010 ACS 1-year Summary File, the dots “.” in the below screenshot will be replaced by empty cells as documented in [Appendix C.3](#). Note that each row has a uniquely assigned logical record number, called LOGRECNO, which links the estimate to a specific geographic area. The pictured example has the logical record numbers corresponding to Maryland, Allegany County, and Anne Arundel County circled. Estimates for table B08406 at these geographic levels can be found within their respective rows at field seven and continuing for 50 additional fields.



## 2.6 How to Join the ACS Summary File to the TIGER/Line Shapefiles

TIGER/Line Shapefiles allow data users to directly link geographic areas to data from the American Community Survey and other surveys. The TIGER/Line Shapefiles are designed for use with geographic information system (GIS) software. Learn more about TIGER/Line Shapefiles at [www.census.gov/geo/www/tiger/](http://www.census.gov/geo/www/tiger/).

The variable GEOID joins the ACS Summary File to the TIGER/Line Shapefiles. For the ACS Summary File, GEOID is located in column AW of the geography file. It is not found in the estimates or margins of error files. (As discussed in previous chapters, the variable LOGRECNO



is needed to join together the parts that make up the Summary File: the geography, estimates, and margins of error files). GEOID's corresponding variable in the 2010 TIGER/Line Shapefiles is GEOID10.

We will walk through an example of joining these files using Kent County, Delaware. In the ACS Summary File, the GEOID is 05000US10001. In the TIGER/Line Shapefiles, the GEOID10 is 10001. (GEOID is a concatenation of all the codes associated with a given geographic area, such as the state FIPS code, county FIPS code, etc. The exact concatenation varies by geographic area. In this example, 10=state FIPS code and 001=county FIPS code.)

The ACS Summary File GEOID contains the necessary information to connect to the TIGER/Line Shapefiles, but it needs to be modified in order to exactly match up. Notice that GEOID, **05000US10001**, contains the GEOID10 string, **10001**.

In order to create an exact match of GEOID and GEOID10, it is necessary to remove all of the characters before and including the letter "S" in the ACS Summary File. By removing these characters, the new GEOID in the ACS Summary File exactly matches the field GEOID10 in the TIGER/Line Shapefiles.

The following is an example of how to modify the ACS Summary File's GEOID in Excel 2007 so it can be joined with TIGER/Line Shapefiles:

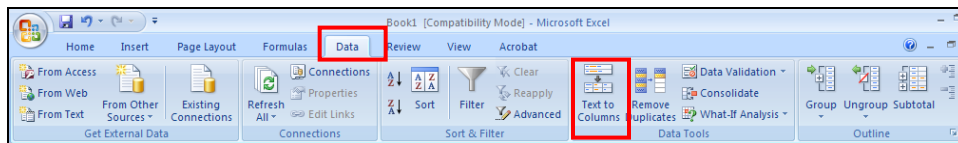
- 1) Open the ACS Summary File comma delimited geography file in Excel. This example uses Delaware's geography file (g20101de.csv) available at [www2.census.gov/acs2010\\_1yr/summaryfile/](http://www2.census.gov/acs2010_1yr/summaryfile/) with the column headers from the geography file template copied into Delaware's geography file. Learn more about the geography file template in [Chapter 2.4](#).
- 2) Insert 2 blank columns to the right of the column "GEOID." Your modified GEOID will eventually go into the second column. (Note: Columns F through AV in the diagrams following are hidden for illustrative purposes.)

	A	B	C	D	E	AW	AX	AY	AZ
1	FILEID	STUSAB	SUMLEVEL	COMPONENT	LOGRECNO	GEOID			NAME
2	equal to ACS Summary File identifica tion	State Postal Abbrevia tion	Summary Level	Geographic Component	Logical Record Number	Geographic Identifier			Area Name
3	ACSSF	DE	40	0	1	04000US10			Delaware
4	ACSSF	DE	40	1	2	04001US10			Delaware -- Urban
5	ACSSF	DE	40	43	3	04043US10			Delaware -- Rural
6	ACSSF	DE	40	A0	4	040A0US10			Delaware -- In metropolitan or micropolitan sta
7	ACSSF	DE	40	C0	5	040C0US10			Delaware -- In metropolitan statistical area
8	ACSSF	DE	40	C1	6	040C1US10			Delaware -- In metropolitan statistical area -- in
9	ACSSF	DE	40	C2	7	040C2US10			Delaware -- In metropolitan statistical area -- n
10	ACSSF	DE	40	E0	8	040E0US10			Delaware -- In micropolitan statistical area
11	ACSSF	DE	40	E2	9	040E2US10			Delaware -- In micropolitan statistical area -- nc
12	ACSSF	DE	40	H0	10	040H0US10			Delaware -- Not in metropolitan statistical area
13	ACSSF	DE	50	0	11	05000US10001			Kent County, Delaware
14	ACSSF	DE	50	0	12	05000US10003			New Castle County, Delaware
15	ACSSF	DE	50	0	13	05000US10005			Sussex County, Delaware
16	ACSSF	DE	160	0	14	16000US1077580			Wilmington city, Delaware
17	ACSSF	DE	312	0	15	31200US379801077580			Wilmington city, DE; Philadelphia-Camden-Wil
18	ACSSF	DE	500	0	16	50000US1000			Congressional District (at Large) (111th Congres
19	ACSSF	DE	795	0	17	79500US1000101			PUMAS 00101, Delaware
20	ACSSF	DE	795	0	18	79500US1000102			PUMAS 00102, Delaware
21	ACSSF	DE	795	0	19	79500US1000103			PUMAS 00103, Delaware
22	ACSSF	DE	795	0	20	79500US1000104			PUMAS 00104, Delaware
23	ACSSF	DE	795	0	21	79500US1000200			PUMAS 00200, Delaware

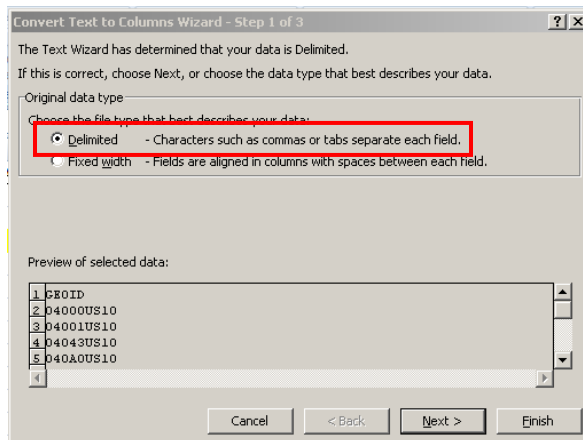
- 3) Next, select the column “GEOID.”

	A	B	C	D	E	AW	AX	AY	AZ
1	FILEID	STUSAB	SUMLEVEL	COMPONENT	LOGRECNO	GEOID			NAME
2	equal to ACS Summary File identification	State Postal Abbreviation	Summary Level	Geographic Component	Logical Record Number	Geographic Identifier			Area Name
3	ACSSF	DE	40	0		04000US10			Delaware
4	ACSSF	DE	40	1		04001US10			Delaware -- Urban
5	ACSSF	DE	40	43		04043US10			Delaware -- Rural
6	ACSSF	DE	40	A0		040A0US10			Delaware -- In metropolitan or micropolitan sta
7	ACSSF	DE	40	C0		040C0US10			Delaware -- In metropolitan statistical area
8	ACSSF	DE	40	C1		040C1US10			Delaware -- In metropolitan statistical area -- in
9	ACSSF	DE	40	C2		040C2US10			Delaware -- In metropolitan statistical area -- nc
10	ACSSF	DE	40	E0		040E0US10			Delaware -- In micropolitan statistical area
11	ACSSF	DE	40	E2		040E2US10			Delaware -- In micropolitan statistical area -- nc
12	ACSSF	DE	40	H0		040H0US10			Delaware -- Not in metropolitan statistical area
13	ACSSF	DE	50	0	1	05000US10001			Kent County, Delaware
14	ACSSF	DE	50	0	1	05000US10003			New Castle County, Delaware
15	ACSSF	DE	50	0	1	05000US10005			Sussex County, Delaware
16	ACSSF	DE	160	0	1	16000US1077580			Wilmington city, Delaware
17	ACSSF	DE	312	0	1	31200US379801077580			Wilmington city, DE; Philadelphia-Camden-Wil
18	ACSSF	DE	500	0	1	50000US1000			Congressional District (at Large) (111th Congres
19	ACSSF	DE	795	0	1	79500US1000101			PUMAS 00101, Delaware
20	ACSSF	DE	795	0	1	79500US1000102			PUMAS 00102, Delaware
21	ACSSF	DE	795	0	1	79500US1000103			PUMAS 00103, Delaware
22	ACSSF	DE	795	0	2	79500US1000104			PUMAS 00104, Delaware
23	ACSSF	DE	795	0	2	79500US1000200			PUMAS 00200, Delaware

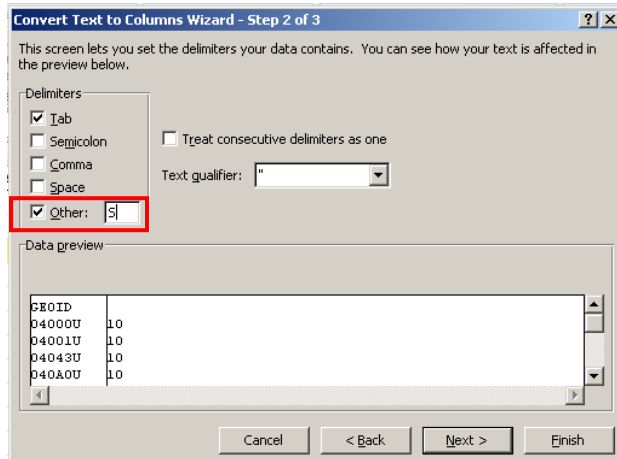
- 4) Select the “Data” tab from the top menu, then select “Text to Columns.” The “Convert Text to Columns Wizard” box should pop up.



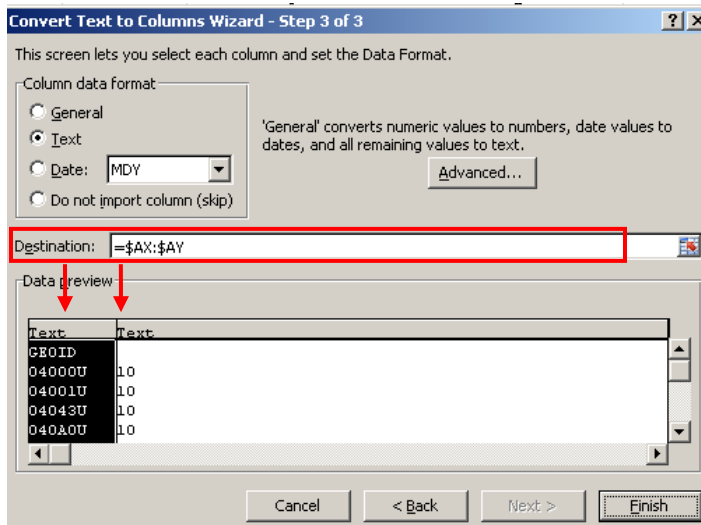
- 5) In the “Convert Text to Columns Wizard,” select “Delimited” under “Choose the file type that best describes your data:” then click “Next.”



- 6) Check “Other” as the delimiter and type the letter “S” into the box. Click “Next.”



- 7) In the “Data preview” window, click on the top of both columns in “Data preview” and select “Text” under “Column data format.” In “Destination,” select the two blank columns that you created in Step 1. Click “Finish.”



- 8) Column AY should now contain the modified GEOID that corresponds to GEOID10 in the TIGER/Line Shapefiles. The second screenshot shows the TIGER/Line Shapefile for Kent County, Delaware.

	A	B	C	D	E	AW	AX	AY	AZ
1	FILEID	STUSAB	SUMLEVEL	COMPONENT	LOGRECNO	GEOID	GEOID		NAME
2	equal to ACS Summary File Identification	State Postal Abbreviation	Summary Level	Geographic Component	Logical Record Number	Geographic Identifier	Geographic Identifier		Area Name
3	ACSSF	DE	40	0	1	04000US10	04000U	10	Delaware
4	ACSSF	DE	40	1	2	04001US10	04001U	10	Delaware -- Urban
5	ACSSF	DE	40	43	3	04043US10	04043U	10	Delaware -- Rural
6	ACSSF	DE	40 A0		4	040A0US10	040A0U	10	Delaware -- In metropolitan or micropolitan sta
7	ACSSF	DE	40 C0		5	040C0US10	040C0U	10	Delaware -- In metropolitan statistical area
8	ACSSF	DE	40 C1		6	040C1US10	040C1U	10	Delaware -- In metropolitan statistical area -- In
9	ACSSF	DE	40 C2		7	040C2US10	040C2U	10	Delaware -- In metropolitan statistical area -- In
10	ACSSF	DE	40 E0		8	040E0US10	040E0U	10	Delaware -- In micropolitan statistical area
11	ACSSF	DE	40 E2		9	040E2US10	040E2U	10	Delaware -- In micropolitan statistical area -- In
12	ACSSF	DE	40 H0		10	040H0US10	040H0U	10	Delaware -- Not in metropolitan statistical area
13	ACSSF	DE	50	0	11	05000US10001	05000U	10001	Kent County, Delaware
14	ACSSF	DE	50	0	12	05000US10003	05000U	10003	New Castle County, Delaware
15	ACSSF	DE	50	0	13	05000US10005	05000U	10005	Sussex County, Delaware
16	ACSSF	DE	160	0	14	16000US1077580	16000U	1077580	Wilmington city, Delaware
17	ACSSF	DE	312	0	15	31200US379801077580	31200U	3.79801E+11	Wilmington city, DE; Philadelphia-Camden-Wil
18	ACSSF	DE	500	0	16	50000US1000	50000U	1000	Congressional District (at Large) (111th Congres
19	ACSSF	DE	795	0	17	79500US1000101	79500U	1000101	PUMAS 00101, Delaware
20	ACSSF	DE	795	0	18	79500US1000102	79500U	1000102	PUMAS 00102, Delaware
21	ACSSF	DE	795	0	19	79500US1000103	79500U	1000103	PUMAS 00103, Delaware
22	ACSSF	DE	795	0	20	79500US1000104	79500U	1000104	PUMAS 00104, Delaware
23	ACSSF	DE	795	0	21	79500US1000200	79500U	1000200	PUMAS 00200, Delaware

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	STATEFP10	COUNTYFP10	COUNTYNS10	GEOID10	NAME10	NAMESAD10	LSAD10	CLASSFP10	MTFCC10	CSAFP10	CBSAFP10	METDIVFP10	FUNCSTAT10
2	10	001	00217271	10001	Kent	Kent County	06	H1	G4020		20100		A
3	10	005	00217269	10005	Sussex	Sussex County	06	H1	G4020		42580		A
4	10	003	00217270	10003	New Castle	New Castle County	06	H1	G4020	428	37980	48864	A
5													

- 9) The ACS Summary File and the TIGER/Line Shapefile should now be ready to be joined using GIS software. Visit “Working with TIGER/Line Shapefiles” at <http://www.census.gov/geo/www/tiger/wwtl/wwtl.html> to learn more about how to access and use the TIGER/Line Shapefiles.

## 3 User Tools

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### 3.1 Summary File Excel Retrieval Tool

If only a few tables are needed, a useful tool is the Summary File Excel Retrieval Tool. If users have Excel 2007 or later, the tool is able to get tables from an entire sequence and from a summary level and component. Information on how to use Summary File Excel Retrieval Tool is located on the ACS Summary File page, at [www.census.gov/acs/www/data\\_documentation/summary\\_file](http://www.census.gov/acs/www/data_documentation/summary_file).

Hardware and Software requirements for the application include:

- Microsoft Windows XP Professional Service Pack 3 or newer (a Mac version is being developed)
- Winzip version 14.5 or compatible
- 32 bit Office 2007 or newer
- DSL connection at 1.0 Mbps or greater is recommended

### 3.2 Summary File SAS Tool

For users with SAS software, please visit the User Tools folder, [http://www2.census.gov/acs2010\\_1yr/summaryfile/UserTools/](http://www2.census.gov/acs2010_1yr/summaryfile/UserTools/) to download SAS programs. These programs allow users to load the Summary File data into SAS Datasets. The SAS programs serve as a reference for the users, and include variable labels, however modifications may be necessary before users can get the data. After the needed Summary File data have been downloaded, users should specify the locations in the library references and the infile statements.

- 1) SF20101YR\_SAS.zip – Contains SAS programs, which can be used to convert each estimate and margin of error into SAS Datasets. The SAS datasets include table stubs. There is one individual SAS program for each sequence per state.
- 2) SF\_All\_Macro.sas – This is a detailed example SAS program containing SAS macros which access the ACS Summary File geography, estimate and margin of error data. It creates one table for all geographies from the ACS Summary File. Segments of the SAS codes can be used to convert geography files into SAS datasets.

### 3.3 Summary File Excel Import Tool

This tool is another way data users can read the Summary File into Excel, and it is designed to be compatible with any version of the software. While this example uses the 2007-2009 ACS 3-year Summary File, the file layout is similar for the 2010 ACS 1-year Summary File. To begin using this tool, users must first download the Summary File data, the Excel template file, and the Excel geography file.

The 2009 3-year ACS Summary File is available at [http://www2.census.gov/acs2009\\_3yr/summaryfile/](http://www2.census.gov/acs2009_3yr/summaryfile/). In this example, we are accessing the data by selecting “2007-2009 ACSSF By State All Tables,” then selecting “California All Geographies.zip.” Once downloaded and unzipped to a local directory, this compressed file contains individual text files and one geography file per Summary File sequence. We are using Sequence file 1, so you need to open and save the corresponding estimate and margin of error text files (e20093ca0001000.txt and m20093ca0001000.txt).

Next, you need to download the Excel template file, SummaryFileXLS.zip, from [http://www2.census.gov/acs2009\\_3yr/summaryfile/UserTools/](http://www2.census.gov/acs2009_3yr/summaryfile/UserTools/). (Note: SummaryFileXLS.zip is named SummaryFileTemplates.zip for 2010.) Once unzipped to a local directory, this compressed file contains an Excel file for each Summary File sequence. Again, we are using Sequence File 1, so you need to open Seq1.xls.

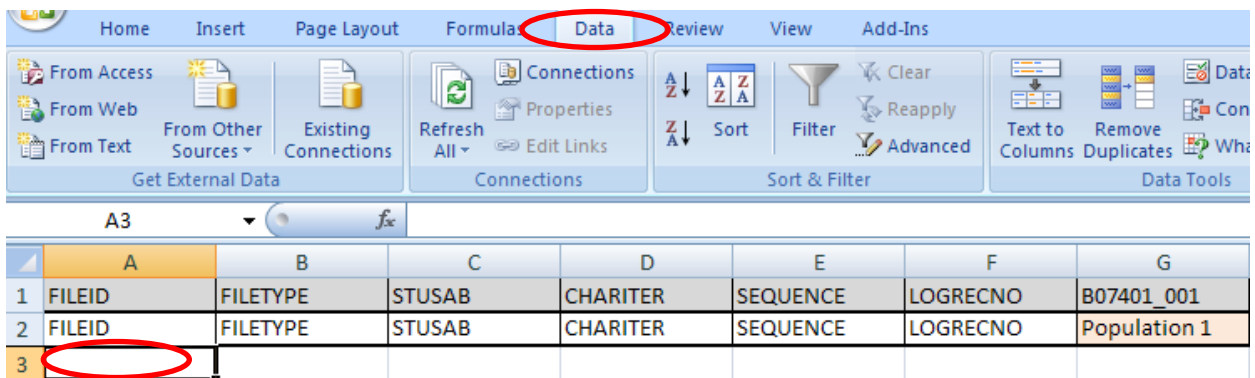
Finally, you need to download and save the Excel geography file, mini\_geofile.xls, from [http://www2.census.gov/acs2009\\_3yr/summaryfile/UserTools/Geography/](http://www2.census.gov/acs2009_3yr/summaryfile/UserTools/Geography/) to the same local directory. Each worksheet in the mini\_geofile.xls represents geographies that are within a state. Note that the “US” worksheet only contains summary levels that can cross state boundaries. “US” is not the data at the national summary level.

We will walk through an example using sequence 1 for the state of California:

- 1) When the template file is open in Excel it should appear as below:

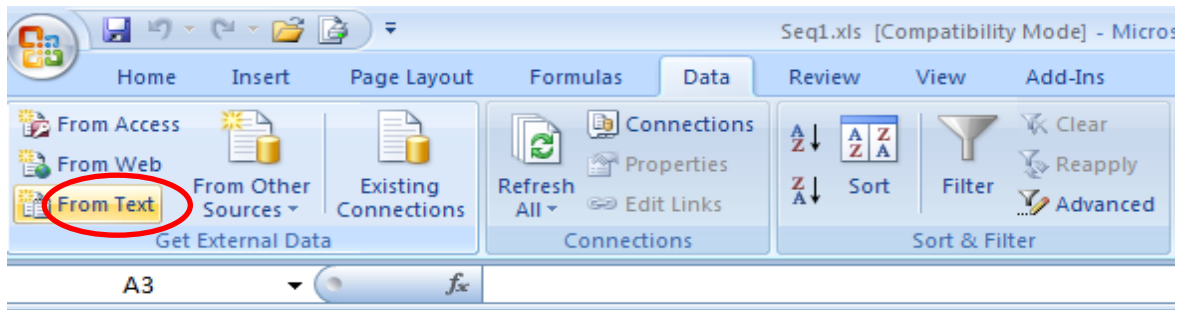
	A	B	C	D	E	F	G	H
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	B07401_001	B07401_002
2	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	Population 1	Population 1
3								
4								

- 2) Place your cursor in cell **A3** and click on the **Data** tab in the Excel tool bar. See below:

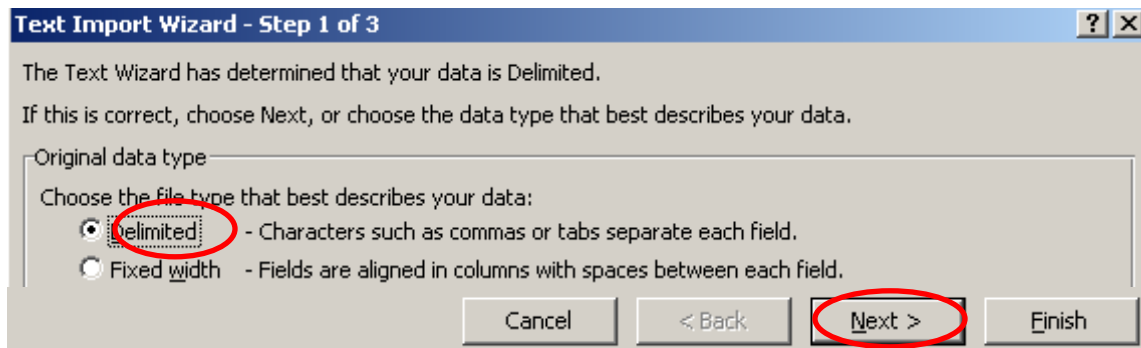


	A	B	C	D	E	F	G
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	B07401_001
2	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	Population 1
3							

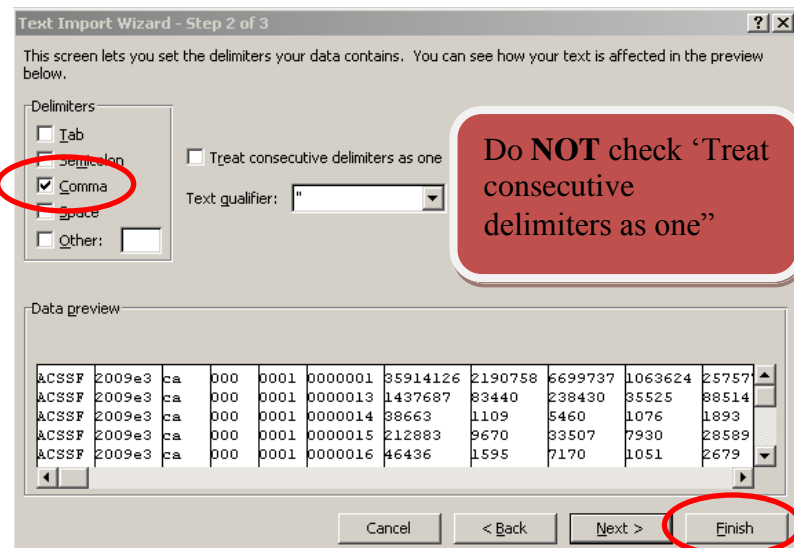
3) To import the Summary File text file into Excel click on **From Text** in the **Get External Data** section of the tool bar. In this example, we are opening the estimate file for California (e20093ca0001000.txt).



4) Step 1 of the Text Import Wizard will appear. Under **Original data type** choose **Delimited**, and then click **Next**.

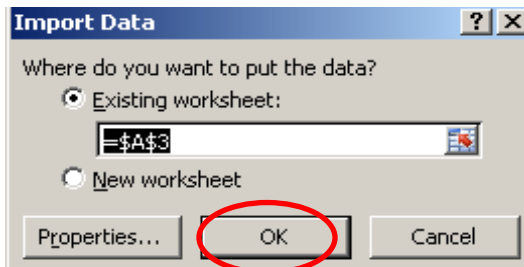


5) Step 2 of the Excel Text Import Wizard will appear. Under **Delimiters** choose **Comma**. Users may click **Finish** to import the file or choose **Next** to format the Excel columns.





- 6) A Pop up window will appear to confirm cell **A3** as the correct cell. Click **OK**.



- 7) The summary file will be imported in Excel as below:

	G	H	I	J	K	L
1	B07401_001	B07401_002	B07401_003	B07401_004	B07401_005	B07401_006
2	Population 1 year and over in the United States	Population 1 year and over in the United States% 1 to 4 years	Population 1 year and over in the United States% 5 to 17 years	Population 1 year and over in the United States% 18 and 19 years	Population 1 year and over in the United States% 20 to 24 years	Population 1 year and over in the United States% 25 to 29 years
3	35914126	2190758	6699737	1063624	2575775	2730510

*Row 1* – Contains a unique identifier of Table ID and Line Number with a “\_” between them

*Row 2* – Contains the associated metadata for each unique Identifier

*Row 3* – Is the first Row of the imported data

	A	B	C	D	E	F
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO
2	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO
3	ACSSF	20093	ca	0	1	1

*Column A* – Is a constant value of “ACSSF” (stands for ACS Summary File)

*Column B* – Contains the associated metadata for each unique Identifier

*Column C* – Is the first Row of the imported data

8) Read in the estimates and margins of error for each sequence needed. For example, here is the screenshot of the estimates for sequence 1 (the screenshots are for illustration purposes only and may not reflect the current data):

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	FILEID	FILETYPE	ST	C	S	LO	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B0
2	FILEID	FILETYPE	ST	C	S	LO	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Pop
3	ACSSF	2.01E+06	ca	0	1	1	35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451	2635271	2684406	2447440	2050939	1636145	1177277	91
4	ACSSF	2.01E+06	ca	0	1	13	1437687	83440	238430	35525	88514	114696	114071	113925	115002	114248	103815	90481	67487	45486	3
5	ACSSF	2.01E+06	ca	0	1	14	38663	1109	5460	1076	1893	1644	1723	2451	2539	3152	3635	3432	3088	2451	
6	ACSSF	2.01E+06	ca	0	1	15	212883	9670	33507	7930	28589	12007	8875	11306	12181	14232	15322	14571	12078	9125	
7	ACSSF	2.01E+06	ca	0	1	16	46436	1595	7170	1051	2679	1979	1499	1785	3237	3603	4565	4086	4101	2706	
8	ACSSF	2.01E+06	ca	0	1	17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
9	ACSSF	2.01E+06	ca	0	1	18	1011548	55839	190330	29783	61276	60744	59006	71006	80147	84549	77634	66043	53039	35733	2
10	ACSSF	2.01E+06	ca	0	1	19	28492	1431	4944	959	1850	1873	1901	1934	1762	2145	2407	1980	1486	966	
11	ACSSF	2.01E+06	ca	0	1	20	175652	8684	30988	5148	8868	8208	8157	9957	14333	16915	16712	13741	12824	7642	
12	ACSSF	2.01E+06	ca	0	1	21	884573	65634	192065	28611	70870	74046	60914	58142	57316	57437	52809	44536	35251	25812	1
13	ACSSF	2.01E+06	ca	0	1	22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
14	ACSSF	2.01E+06	ca	0	1	23	125157	6007	17968	3491	14696	9189	7055	7189	7275	8789	9676	9507	7418	4987	
15	ACSSF	2.01E+06	ca	0	1	24	159688	12281	34350	6251	12608	11354	10131	10074	10995	11135	9722	7883	5486	4648	
16	ACSSF	2.01E+06	ca	0	1	25	765026	57687	174744	25895	56760	57171	51525	49650	52808	53681	46937	38067	29453	23226	1
17	ACSSF	2.01E+06	ca	0	1	26	140796	10575	27618	4456	13115	12398	11516	12333	9839	9352	7763	6107	4828	3321	
18	ACSSF	2.01E+06	ca	0	1	27	63904	3218	10637	1558	3164	3705	2997	4406	3366	4756	5485	4700	4916	3480	
19	ACSSF	2.01E+06	ca	0	1	28	34510	1639	5057	825	2525	3032	2658	3308	3128	3086	2332	2331	1640	1013	
20	ACSSF	2.01E+06	ca	0	1	29	9706124	590555	1807440	286895	685733	801602	753973	752670	726008	708369	635244	525215	406505	293823	23
21	ACSSF	2.01E+06	ca	0	1	30	143605	10279	30957	4456	9379	10532	9022	9652	9657	9797	9294	8226	7188	5174	
22	ACSSF	2.01E+06	ca	0	1	31	240037	10968	35681	6247	10908	9151	11722	16173	18895	21345	21635	21172	17027	12591	
23	ACSSF	2.01E+06	ca	0	1	32	87010	5024	14523	2593	5272	5109	4698	5078	5270	6098	6850	6678	6632	4023	
24	ACSSF	2.01E+06	ca	0	1	33	239456	17414	55847	9187	19052	16885	15497	15904	15956	15807	13963	11461	9225	7494	
25	ACSSF	2.01E+06	ca	0	1	34	397355	28923	74028	12228	33709	31691	27992	26772	27612	27378	25583	21972	17830	11563	
26	ACSSF	2.01E+06	ca	0	1	35	130845	6751	22410	3891	8396	7659	7209	9471	8454	10436	9618	8571	8214	5529	
27	ACSSF	2.01E+06	ca	0	1	36	95596	3388	14361	2385	4479	4372	3693	5317	6081	7938	9023	9384	7438	5744	

9) Next, you need to pad zeroes for the logical record number LOGRECNO. Add a column next to LOGRECNO. To do this, **Highlight** column G, then **Right Click** and click **Insert**.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	
1	FILEID	FILETYPE	ST	C	S	LO	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B0
2	FILEID	FILETYPE	ST	C	S	LO	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Pop
3	ACSSF	2.01E+06	ca	0	1	1	35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451	2635271	2684406	2447440	2050939	1636145	1177277	91
4	ACSSF	2.01E+06	ca	0	1	13	1437687	83440	238430	35525	88514	114696	114071	113925	115002	114248	103815	90481	67487	45486	3
5	ACSSF	2.01E+06	ca	0	1	14	38663	1109	5460	1076	1893	1644	1723	2451	2539	3152	3635	3432	3088	2451	
6	ACSSF	2.01E+06	ca	0	1	15	212883	9670	33507	7930	28589	12007	8875	11306	12181	14232	15322	14571	12078	9125	
7	ACSSF	2.01E+06	ca	0	1	16	46436	1595	7170	1051	2679	1979	1499	1785	3237	3603	4565	4086	4101	2706	
8	ACSSF	2.01E+06	ca	0	1	17	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
9	ACSSF	2.01E+06	ca	0	1	18	1011548	55839	190330	29783	61276	60744	59006	71006	80147	84549	77634	66043	53039	35733	2
10	ACSSF	2.01E+06	ca	0	1	19	28492	1431	4944	959	1850	1873	1901	1934	1762	2145	2407	1980	1486	966	
11	ACSSF	2.01E+06	ca	0	1	20	175652	8684	30988	5148	8868	8208	8157	9957	14333	16915	16712	13741	12824	7642	
12	ACSSF	2.01E+06	ca	0	1	21	884573	65634	192065	28611	70870	74046	60914	58142	57316	57437	52809	44536	35251	25812	1
13	ACSSF	2.01E+06	ca	0	1	22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
14	ACSSF	2.01E+06	ca	0	1	23	125157	6007	17968	3491	14696	9189	7055	7189	7275	8789	9676	9507	7418	4987	
15	ACSSF	2.01E+06	ca	0	1	24	159688	12281	34350	6251	12608	11354	10131	10074	10995	11135	9722	7883	5486	4648	
16	ACSSF	2.01E+06	ca	0	1	25	765026	57687	174744	25895	56760	57171	51525	49650	52808	53681	46937	38067	29453	23226	1
17	ACSSF	2.01E+06	ca	0	1	26	140796	10575	27618	4456	13115	12398	11516	12333	9839	9352	7763	6107	4828	3321	
18	ACSSF	2.01E+06	ca	0	1	27	63904	3218	10637	1558	3164	3705	2997	4406	3366	4756	5485	4700	4916	3480	
19	ACSSF	2.01E+06	ca	0	1	28	34510	1639	5057	825	2525	3032	2658	3308	3128	3086	2332	2331	1640	1013	
20	ACSSF	2.01E+06	ca	0	1	29	9706124	590555	1807440	286895	685733	801602	753973	752670	726008	708369	635244	525215	406505	293823	23
21	ACSSF	2.01E+06	ca	0	1	30	143605	10279	30957	4456	9379	10532	9022	9652	9657	9797	9294	8226	7188	5174	
22	ACSSF	2.01E+06	ca	0	1	31	240037	10968	35681	6247	10908	9151	11722	16173	18895	21345	21635	21172	17027	12591	
23	ACSSF	2.01E+06	ca	0	1	32	87010	5024	14523	2593	5272	5109	4698	5078	5270	6098	6850	6678	6632	4023	
24	ACSSF	2.01E+06	ca	0	1	33	239456	17414	55847	9187	19052	16885	15497	15904	15956	15807	13963	11461	9225	7494	
25	ACSSF	2.01E+06	ca	0	1	34	397355	28923	74028	12228	33709	31691	27992	26772	27612	27378	25583	21972	17830	11563	
26	ACSSF	2.01E+06	ca	0	1	35	130845	6751	22410	3891	8396	7659	7209	9471	8454	10436	9618	8571	8214	5529	
27	ACSSF	2.01E+06	ca	0	1	36	95596	3388	14361	2385	4479	4372	3693	5317	6081	7938	9023	9384	7438	5744	

- a. For cells G1 and G2, put in **LOGRECNO** as the label.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	FILEID	FILETYPE	ST	C	S	LOGRECNO	LOGRECNO	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0
				C	S														
				H	E														
				A	Q														
				S	T														
				R	E														
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	Populatio	Populati	Populati	Populati	Populati	Populati	Populati	Populati	Populati	Populati	Populati	Popula
3	ACSSF	2.01E+06	ca	0	1	1		35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451	2635271	2684406	2447440	205093
4	ACSSF	2.01E+06	ca	0	1	13		1437687	83440	238430	35525	88514	114696	114071	113925	115002	114248	103815	9048
5	ACSSF	2.01E+06	ca	0	1	14		38663	1109	5460	1076	1893	1644	1723	2451	2539	3152	3635	343
6	ACSSF	2.01E+06	ca	0	1	15		212883	9670	33507	7930	28589	12007	8875	11306	12181	14232	15322	1457
7	ACSSF	2.01E+06	ca	0	1	16		46436	1595	7170	1051	2679	1979	1499	1785	3237	3603	4565	408
8	ACSSF	2.01E+06	ca	0	1	17													
9	ACSSF	2.01E+06	ca	0	1	18		1011548	55839	190330	29783	61276	60744	59006	71006	80147	84549	77634	6604
10	ACSSF	2.01E+06	ca	0	1	19		28492	1431	4944	959	1850	1873	1901	1934	1762	2145	2407	198
11	ACSSF	2.01E+06	ca	0	1	20		175652	8684	30988	5148	8868	8208	8157	9957	14333	16915	16712	1374
12	ACSSF	2.01E+06	ca	0	1	21		884573	65634	192065	28611	70870	74046	60914	58142	57316	57437	52809	4453
13	ACSSF	2.01E+06	ca	0	1	22													
14	ACSSF	2.01E+06	ca	0	1	23		125157	6007	17968	3491	14696	9189	7055	7189	7275	8789	9676	950
15	ACSSF	2.01E+06	ca	0	1	24		159688	12281	34350	6251	12608	11354	10131	10074	10995	11135	9722	788
16	ACSSF	2.01E+06	ca	0	1	25		765026	57687	174744	25895	56760	57171	51525	49650	52808	53681	46937	3806
17	ACSSF	2.01E+06	ca	0	1	26		140796	10575	27618	4456	13115	12398	11516	12333	9839	9352	7763	610
18	ACSSF	2.01E+06	ca	0	1	27		63904	3218	10637	1558	3164	3705	2997	4406	3366	4756	5485	470
19	ACSSF	2.01E+06	ca	0	1	28		34510	1639	5057	825	2525	3032	2658	3308	3128	3086	2332	233
20	ACSSF	2.01E+06	ca	0	1	29		9706124	590555	1807440	286895	685733	801602	753973	752670	726008	708369	635244	52521

- b. **Highlight** cell G3 and enter the formula **=REPT("0",7-LEN(F3))&F3**, then hit **Enter**.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	FILEID	FILETYPE	ST	C	S	LOGRECNO	LOGRECNO	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0	B07401_0
				C	S														
				H	E														
				A	Q														
				S	T														
				R	E														
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	Populatio	Populati	Populati	Populati	Populati	Populati	Populati	Populati	Populati	Populati	Populati	Popula
3	ACSSF	2.01E+06	ca	0	1	1	0000001	35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451	2635271	2684406	2447440	205093
4	ACSSF	2.01E+06	ca	0	1	13		1437687	83440	238430	35525	88514	114696	114071	113925	115002	114248	103815	9048
5	ACSSF	2.01E+06	ca	0	1	14		38663	1109	5460	1076	1893	1644	1723	2451	2539	3152	3635	343
6	ACSSF	2.01E+06	ca	0	1	15		212883	9670	33507	7930	28589	12007	8875	11306	12181	14232	15322	1457
7	ACSSF	2.01E+06	ca	0	1	16		46436	1595	7170	1051	2679	1979	1499	1785	3237	3603	4565	408
8	ACSSF	2.01E+06	ca	0	1	17													
9	ACSSF	2.01E+06	ca	0	1	18		1011548	55839	190330	29783	61276	60744	59006	71006	80147	84549	77634	6604
10	ACSSF	2.01E+06	ca	0	1	19		28492	1431	4944	959	1850	1873	1901	1934	1762	2145	2407	198
11	ACSSF	2.01E+06	ca	0	1	20		175652	8684	30988	5148	8868	8208	8157	9957	14333	16915	16712	1374
12	ACSSF	2.01E+06	ca	0	1	21		884573	65634	192065	28611	70870	74046	60914	58142	57316	57437	52809	4453
13	ACSSF	2.01E+06	ca	0	1	22													
14	ACSSF	2.01E+06	ca	0	1	23		125157	6007	17968	3491	14696	9189	7055	7189	7275	8789	9676	950
15	ACSSF	2.01E+06	ca	0	1	24		159688	12281	34350	6251	12608	11354	10131	10074	10995	11135	9722	788
16	ACSSF	2.01E+06	ca	0	1	25		765026	57687	174744	25895	56760	57171	51525	49650	52808	53681	46937	3806
17	ACSSF	2.01E+06	ca	0	1	26		140796	10575	27618	4456	13115	12398	11516	12333	9839	9352	7763	610
18	ACSSF	2.01E+06	ca	0	1	27		63904	3218	10637	1558	3164	3705	2997	4406	3366	4756	5485	470
19	ACSSF	2.01E+06	ca	0	1	28		34510	1639	5057	825	2525	3032	2658	3308	3128	3086	2332	233
20	ACSSF	2.01E+06	ca	0	1	29		9706124	590555	1807440	286895	685733	801602	753973	752670	726008	708369	635244	52521

- c. Copy and paste the formula in cell G3 down column G to the last row of the data.

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	FILEID	FILETYPE	STRUCTURE	STATUS	AGE	LOGRECNO	LOGRECNO	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8	B07401_9	B07401_10	B07401_11
2	FILEID	FILETYPE	STRUCTURE	STATUS	AGE	LOGRECNO	LOGRECNO	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population
3	ACSSF	2.01E+06	ca	0	1	1	0000001	2575775	2730510	2535820	2629451	2635271	2684406	2447440	205093				
4	ACSSF	2.01E+06	ca	0	1	13		88514	114696	114071	113925	115002	114248	103815	9048				
5	ACSSF	2.01E+06	ca	0	1	14		1893	1644	1723	2451	2539	3152	3635	343				
6	ACSSF	2.01E+06	ca	0	1	15		28589	12007	8875	11306	12181	14232	15322	1457				
7	ACSSF	2.01E+06	ca	0	1	16		2679	1979	1499	1785	3237	3603	4565	408				
8	ACSSF	2.01E+06	ca	0	1	17													
9	ACSSF	2.01E+06	ca	0	1	18		61276	60744	59006	71006	80147	84549	77634	6604				
10	ACSSF	2.01E+06	ca	0	1	19		1850	1873	1901	1934	1762	2145	2407	198				
11	ACSSF	2.01E+06	ca	0	1	20		8868	8208	8157	9957	14333	16915	16712	1374				
12	ACSSF	2.01E+06	ca	0	1	21		70870	74046	60914	58142	57316	57437	52809	4453				
13	ACSSF	2.01E+06	ca	0	1	22													
14	ACSSF	2.01E+06	ca	0	1	23		14696	9189	7055	7189	7275	8789	9676	950				
15	ACSSF	2.01E+06	ca	0	1	24		12608	11354	10131	10074	10995	11135	9722	788				
16	ACSSF	2.01E+06	ca	0	1	25		56760	57171	51525	49650	52808	53681	46937	3806				
17	ACSSF	2.01E+06	ca	0	1	26		13115	12398	11516	12333	9839	9352	7763	610				
18	ACSSF	2.01E+06	ca	0	1	27		3164	3705	2997	4406	3366	4756	5485	470				
19	ACSSF	2.01E+06	ca	0	1	28		2525	3032	2658	3308	3128	3086	2332	233				
20	ACSSF	2.01E+06	ca	0	1	29		685733	801602	753973	752670	726008	708369	635244	52521				

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	FILEID	FILETYPE	STRUCTURE	STATUS	AGE	LOGRECNO	LOGRECNO	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8	B07401_9	B07401_10	B07401_11
2	FILEID	FILETYPE	STRUCTURE	STATUS	AGE	LOGRECNO	LOGRECNO	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population	Population
3	ACSSF	2.01E+06	ca	0	1	1	0000001	35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451	2635271	2684406	2447440	205093
4	ACSSF	2.01E+06	ca	0	1	13	0000013	1437687	83440	238430	35525	88514	114696	114071	113925	115002	114248	103815	9048
5	ACSSF	2.01E+06	ca	0	1	14	0000014	38663	1109	5460	1076	1893	1644	1723	2451	2539	3152	3635	343
6	ACSSF	2.01E+06	ca	0	1	15	0000015	212883	9670	33507	7930	28589	12007	8875	11306	12181	14232	15322	1457
7	ACSSF	2.01E+06	ca	0	1	16	0000016	46436	1595	7170	1051	2679	1979	1499	1785	3237	3603	4565	408
8	ACSSF	2.01E+06	ca	0	1	17	0000017												
9	ACSSF	2.01E+06	ca	0	1	18	0000018	1011548	55839	190330	29783	61276	60744	59006	71006	80147	84549	77634	6604
10	ACSSF	2.01E+06	ca	0	1	19	0000019	28492	1431	4944	959	1850	1873	1901	1934	1762	2145	2407	198
11	ACSSF	2.01E+06	ca	0	1	20	0000020	175652	8684	30988	5148	8868	8208	8157	9957	14333	16915	16712	1374
12	ACSSF	2.01E+06	ca	0	1	21	0000021	884573	65634	192065	28611	70870	74046	60914	58142	57316	57437	52809	4453
13	ACSSF	2.01E+06	ca	0	1	22	0000022												
14	ACSSF	2.01E+06	ca	0	1	23	0000023	125157	6007	17968	3491	14696	9189	7055	7189	7275	8789	9676	950
15	ACSSF	2.01E+06	ca	0	1	24	0000024	159688	12281	34350	6251	12608	11354	10131	10074	10995	11135	9722	788
16	ACSSF	2.01E+06	ca	0	1	25	0000025	765026	57687	174744	25895	56760	57171	51525	49650	52808	53681	46937	3806
17	ACSSF	2.01E+06	ca	0	1	26	0000026	140796	10575	27618	4456	13115	12398	11516	12333	9839	9352	7763	610
18	ACSSF	2.01E+06	ca	0	1	27	0000027	63904	3218	10637	1558	3164	3705	2997	4406	3366	4756	5485	470
19	ACSSF	2.01E+06	ca	0	1	28	0000028	34510	1639	5057	825	2525	3032	2658	3308	3128	3086	2332	233
20	ACSSF	2.01E+06	ca	0	1	29	0000029	9706124	590555	1807440	286895	685733	801602	753973	752670	726008	708369	635244	52521

## 10) Add geographies by using common merged keys.

- a. To add geographies, insert two extra columns next to the padded LOGRECNO column G, and label them GEOID and Geography Name. Open the **Excel geography file** mini\_geofile.xls and keep both Seq1.xls and mini\_geofile.xls files open.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	FILEID	FILETYPE	ST	C	S	LOGRECNO	LOGRECNO	GEOID	Geography Name	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7
				C	S												
				H	E												
				A	Q												
				S	T												
				R	U												
				I	E												
				N	A												
				E	C												
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Populatio	Populati	Populati	Populati	Populati	Populati	Populati	Populati
3	ACSSF	2.01E+06	ca	0	1	1	0000001			35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451
4	ACSSF	2.01E+06	ca	0	1	13	0000013			1437687	83440	238430	35525	88514	114696	114071	113925
5	ACSSF	2.01E+06	ca	0	1	14	0000014			38663	1109	5460	1076	1893	1644	1723	2451
6	ACSSF	2.01E+06	ca	0	1	15	0000015			212883	9670	33507	7930	28589	12007	8875	11306
7	ACSSF	2.01E+06	ca	0	1	16	0000016			46436	1595	7170	1051	2679	1979	1499	1785
8	ACSSF	2.01E+06	ca	0	1	17	0000017			.	.	.	.	.	.	.	.
9	ACSSF	2.01E+06	ca	0	1	18	0000018			1011548	55839	190330	29783	61276	60744	59006	71006
10	ACSSF	2.01E+06	ca	0	1	19	0000019			28492	1431	4944	959	1850	1873	1901	1934
11	ACSSF	2.01E+06	ca	0	1	20	0000020			175652	8684	30988	5148	8868	8208	8157	9957
12	ACSSF	2.01E+06	ca	0	1	21	0000021			884573	65634	192065	28611	70870	74046	60914	58142
13	ACSSF	2.01E+06	ca	0	1	22	0000022			.	.	.	.	.	.	.	.
14	ACSSF	2.01E+06	ca	0	1	23	0000023			125157	6007	17968	3491	14696	9189	7055	7189
15	ACSSF	2.01E+06	ca	0	1	24	0000024			159688	12281	34350	6251	12608	11354	10131	10074
16	ACSSF	2.01E+06	ca	0	1	25	0000025			765026	57687	174744	25895	56760	57171	51525	49650
17	ACSSF	2.01E+06	ca	0	1	26	0000026			140796	10575	27618	4456	13115	12398	11516	12333
18	ACSSF	2.01E+06	ca	0	1	27	0000027			63904	3218	10637	1558	3164	3705	2997	4406
19	ACSSF	2.01E+06	ca	0	1	28	0000028			34510	1639	5057	825	2525	3032	2658	3308
20	ACSSF	2.01E+06	ca	0	1	29	0000029			9706124	590555	1807440	286895	685733	801602	753973	752670

- b. Add GEOID by using LOGRECNO as the common merged key from both Seq1.xls and ca.xls. **Highlight** cell H3 and enter the formula: **=VLOOKUP(G3,[mini\_geofile.xls]ca!B:C,2,0)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	FILEID	FILETYPE	ST	C	S	LOGRECNO	LOGRECNO	GEOID	Geography Name	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7
				C	S												
				H	E												
				A	Q												
				S	T												
				R	U												
				I	E												
				N	A												
				E	C												
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Populatio	Populati	Populati	Populati	Populati	Populati	Populati	Populati
3	ACSSF	2.01E+06	ca	0	1	1	0000001	04000U506		35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451
4	ACSSF	2.01E+06	ca	0	1	13	0000013			1437687	83440	238430	35525	88514	114696	114071	113925
5	ACSSF	2.01E+06	ca	0	1	14	0000014			38663	1109	5460	1076	1893	1644	1723	2451
6	ACSSF	2.01E+06	ca	0	1	15	0000015			212883	9670	33507	7930	28589	12007	8875	11306
7	ACSSF	2.01E+06	ca	0	1	16	0000016			46436	1595	7170	1051	2679	1979	1499	1785
8	ACSSF	2.01E+06	ca	0	1	17	0000017			.	.	.	.	.	.	.	.
9	ACSSF	2.01E+06	ca	0	1	18	0000018			1011548	55839	190330	29783	61276	60744	59006	71006
10	ACSSF	2.01E+06	ca	0	1	19	0000019			28492	1431	4944	959	1850	1873	1901	1934
11	ACSSF	2.01E+06	ca	0	1	20	0000020			175652	8684	30988	5148	8868	8208	8157	9957
12	ACSSF	2.01E+06	ca	0	1	21	0000021			884573	65634	192065	28611	70870	74046	60914	58142
13	ACSSF	2.01E+06	ca	0	1	22	0000022			.	.	.	.	.	.	.	.
14	ACSSF	2.01E+06	ca	0	1	23	0000023			125157	6007	17968	3491	14696	9189	7055	7189
15	ACSSF	2.01E+06	ca	0	1	24	0000024			159688	12281	34350	6251	12608	11354	10131	10074
16	ACSSF	2.01E+06	ca	0	1	25	0000025			765026	57687	174744	25895	56760	57171	51525	49650
17	ACSSF	2.01E+06	ca	0	1	26	0000026			140796	10575	27618	4456	13115	12398	11516	12333
18	ACSSF	2.01E+06	ca	0	1	27	0000027			63904	3218	10637	1558	3164	3705	2997	4406
19	ACSSF	2.01E+06	ca	0	1	28	0000028			34510	1639	5057	825	2525	3032	2658	3308
20	ACSSF	2.01E+06	ca	0	1	29	0000029			9706124	590555	1807440	286895	685733	801602	753973	752670



- c. Add geography names by using GEOID as the common merged key from both Seq1.xls and ca.xls. **Highlight** cell I3 and enter the formula: **=VLOOKUP(H3,[mini\_geofile.xls]ca!C:D,2,0)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	FILEID	FILETYPE	ST	CSS	LOGRECNO	LOGRECNO	GEOID	Geography Name	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8
				C H E A Q S T R U I E S T N A E C													
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Populatio	Populati	Populati	Populati	Populati	Populati	Populati	Populati
3	ACSSF	2.01E+06	ca	0	1	1	0000001	04000US06	California	35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451
4	ACSSF	2.01E+06	ca	0	1	13	0000013			1437687	83440	238430	35525	88514	114696	114071	113925
5	ACSSF	2.01E+06	ca	0	1	14	0000014			38663	1109	5460	1076	1893	1644	1723	2451
6	ACSSF	2.01E+06	ca	0	1	15	0000015			212883	9670	33507	7930	28589	12007	8875	11306
7	ACSSF	2.01E+06	ca	0	1	16	0000016			46436	1595	7170	1051	2679	1979	1499	1785
8	ACSSF	2.01E+06	ca	0	1	17	0000017										
9	ACSSF	2.01E+06	ca	0	1	18	0000018			1011548	55839	190330	29783	61276	60744	59006	71006
10	ACSSF	2.01E+06	ca	0	1	19	0000019			28492	1431	4944	959	1850	1873	1901	1934
11	ACSSF	2.01E+06	ca	0	1	20	0000020			175652	8684	30988	5148	8868	8208	8157	9957
12	ACSSF	2.01E+06	ca	0	1	21	0000021			884573	65634	192065	28611	70870	74046	60914	58142
13	ACSSF	2.01E+06	ca	0	1	22	0000022										
14	ACSSF	2.01E+06	ca	0	1	23	0000023			125157	6007	17968	3491	14696	9189	7055	7189
15	ACSSF	2.01E+06	ca	0	1	24	0000024			159688	12281	34350	6251	12608	11354	10131	10074
16	ACSSF	2.01E+06	ca	0	1	25	0000025			765026	57687	174744	25895	56760	57171	51525	49650
17	ACSSF	2.01E+06	ca	0	1	26	0000026			140796	10575	27618	4456	13115	12398	11516	12333
18	ACSSF	2.01E+06	ca	0	1	27	0000027			63904	3218	10637	1558	3164	3705	2997	4406
19	ACSSF	2.01E+06	ca	0	1	28	0000028			34510	1639	5057	825	2525	3032	2658	3308
20	ACSSF	2.01E+06	ca	0	1	29	0000029			9706124	590555	1807440	286895	685733	801602	753973	752670

- d. **Highlight** both cells H3 and I3 and **right click** to copy the formulas.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	FILEID	FILETYPE	ST	CSS	LOGRECNO	LOGRECNO	GEOID	Geography Name	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8
				C H E A Q S T R U I E S T N A E C													
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Populatio	Populati	Populati	Populati	Populati	Populati	Populati	Populati
3	ACSSF	2.01E+06	ca	0	1	1	0000001	04000US06	California	35914126	2190758	6699737	1063624	2575775	2730510	2535820	2629451
4	ACSSF	2.01E+06	ca	0	1	13	0000013							88514	114696	114071	113925
5	ACSSF	2.01E+06	ca	0	1	14	0000014							1893	1644	1723	2451
6	ACSSF	2.01E+06	ca	0	1	15	0000015							28589	12007	8875	11306
7	ACSSF	2.01E+06	ca	0	1	16	0000016							2679	1979	1499	1785
8	ACSSF	2.01E+06	ca	0	1	17	0000017										
9	ACSSF	2.01E+06	ca	0	1	18	0000018							61276	60744	59006	71006
10	ACSSF	2.01E+06	ca	0	1	19	0000019							1850	1873	1901	1934
11	ACSSF	2.01E+06	ca	0	1	20	0000020							8868	8208	8157	9957
12	ACSSF	2.01E+06	ca	0	1	21	0000021							70870	74046	60914	58142
13	ACSSF	2.01E+06	ca	0	1	22	0000022										
14	ACSSF	2.01E+06	ca	0	1	23	0000023							14696	9189	7055	7189
15	ACSSF	2.01E+06	ca	0	1	24	0000024							12608	11354	10131	10074
16	ACSSF	2.01E+06	ca	0	1	25	0000025							56760	57171	51525	49650
17	ACSSF	2.01E+06	ca	0	1	26	0000026							13115	12398	11516	12333
18	ACSSF	2.01E+06	ca	0	1	27	0000027							3164	3705	2997	4406
19	ACSSF	2.01E+06	ca	0	1	28	0000028							2525	3032	2658	3308
20	ACSSF	2.01E+06	ca	0	1	29	0000029							685733	801602	753973	752670

- e. Copy and paste the formulas down the H3 and I3 columns to the last row of the data.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO	GEOID	Geography Name		B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6
			C	S												
			H	E												
			A	Q												
			U	R												
			S	I												
			T	E												
			A	N												
			E	C												
2	FILEID	FILETYPE	B	R	LOGRECNO	LOGRECNO	GEOID	Geography Name		Populatio	Populati	Populati	Populati	Populati	Populati	Popu
3	ACSSF	2.01E+06	ca	0	1	1	0000001	04000US06	California	35914126	2190758	6699737	1063624	2575775	2730510	2533
4	ACSSF	2.01E+06	ca	0	1	13	0000013	05000US06001	Alameda County, California	1437687	83440	238430	35525	88514	114696	114
5	ACSSF	2.01E+06	ca	0	1	14	0000014	05000US06005	Amador County, California	38663	1109	5460	1076	1893	1644	3
6	ACSSF	2.01E+06	ca	0	1	15	0000015	05000US06007	Butte County, California	212883	9670	33507	7930	28589	12007	8
7	ACSSF	2.01E+06	ca	0	1	16	0000016	05000US06009	Calaveras County, California	46436	1595	7170	1051	2679	1979	3
8	ACSSF	2.01E+06	ca	0	1	17	0000017	05000US06011	Colusa County, California	.	.	.	.	.	.	.
9	ACSSF	2.01E+06	ca	0	1	18	0000018	05000US06013	Contra Costa County, California	1011548	55839	190330	29783	61276	60744	59
10	ACSSF	2.01E+06	ca	0	1	19	0000019	05000US06015	Del Norte County, California	28492	1431	4944	959	1850	1873	3
11	ACSSF	2.01E+06	ca	0	1	20	0000020	05000US06017	El Dorado County, California	175652	8684	30988	5148	8868	8208	8
12	ACSSF	2.01E+06	ca	0	1	21	0000021	05000US06019	Fresno County, California	884573	65634	192065	28611	70870	74046	60
13	ACSSF	2.01E+06	ca	0	1	22	0000022	05000US06021	Glenn County, California	.	.	.	.	.	.	.
14	ACSSF	2.01E+06	ca	0	1	23	0000023	05000US06023	Humboldt County, California	125157	6007	17968	3491	14696	9189	3
15	ACSSF	2.01E+06	ca	0	1	24	0000024	05000US06025	Imperial County, California	159688	12281	34350	6251	12608	11354	10
16	ACSSF	2.01E+06	ca	0	1	25	0000025	05000US06029	Kern County, California	765026	57687	174744	25895	56760	57171	53
17	ACSSF	2.01E+06	ca	0	1	26	0000026	05000US06031	Kings County, California	140796	10575	27618	4456	13115	12398	13
18	ACSSF	2.01E+06	ca	0	1	27	0000027	05000US06033	Lake County, California	63904	3218	10637	1558	3164	3705	2
19	ACSSF	2.01E+06	ca	0	1	28	0000028	05000US06035	Lassen County, California	34510	1639	5057	825	2525	3032	2
20	ACSSF	2.01E+06	ca	0	1	29	0000029	05000US06037	Los Angeles County, California	9706124	590555	1807440	286895	685733	801602	753

- 10) Repeat steps 1 through 10 to obtain the margin of errors for the same sequence for California.



## 4 User References

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### 4.1 Detailed Tables for the 2010 ACS 1-Year Estimates

It contains information on all detailed tables included in the 2010 ACS 1-year Summary File. The table list is located in [Appendix E](#).

### 4.2 2010 ACS 1-Year Summary Levels/Components For Detailed Tables

It contains a list of the summary levels and components that are included in the 2010 ACS 1-Year Detailed Tables. The list is located in [Appendix F](#).

### 4.3 Sequence Number and Table Number Lookup

It contains information on the relationship between the sequences and the tables, and indicates the relationship between the sequences and the subject areas. The Sequence Number and Table Number Lookup is available in Excel, text, and SAS dataset format, and is located here: [www2.census.gov/acs2010\\_1yr/summaryfile/](http://www2.census.gov/acs2010_1yr/summaryfile/).

### 4.4 Table Shells List

It contains Table ID, Line Number, Unique ID (table ID + Line Number) and stub. The table shells list is located on the following site: [www2.census.gov/acs2010\\_1yr/summaryfile/](http://www2.census.gov/acs2010_1yr/summaryfile/).

### 4.5 Excel Geography File

It contains logical record numbers (LOGRECNO), geography ID, and geographic labels by state. There are total of 53 tabs in the spreadsheet: one for each state, the District of Columbia and Puerto Rico, and one for geographies that cross state boundaries. The mini geography file list is located on the following site: [www2.census.gov/acs2010\\_1yr/summaryfile/UserTools/Geography/](http://www2.census.gov/acs2010_1yr/summaryfile/UserTools/Geography/).

## **Appendix A: Supplemental Documentation**

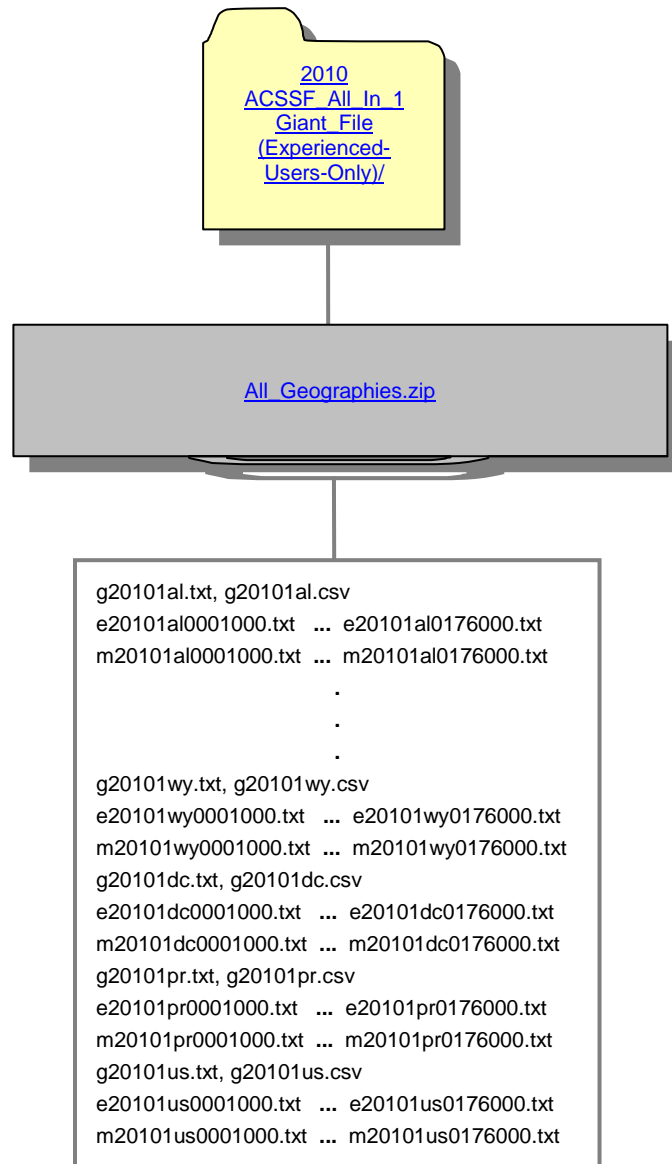
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Supplemental documentation concerning the American Community Survey, to assist users using this technical document, is located on the ACS Website at: [www.census.gov/acs/www/data\\_documentation/documentation\\_main/](http://www.census.gov/acs/www/data_documentation/documentation_main/). Documents such as the Subject Definitions, Accuracy of the Data, and Code Lists are available on the URL listed above.

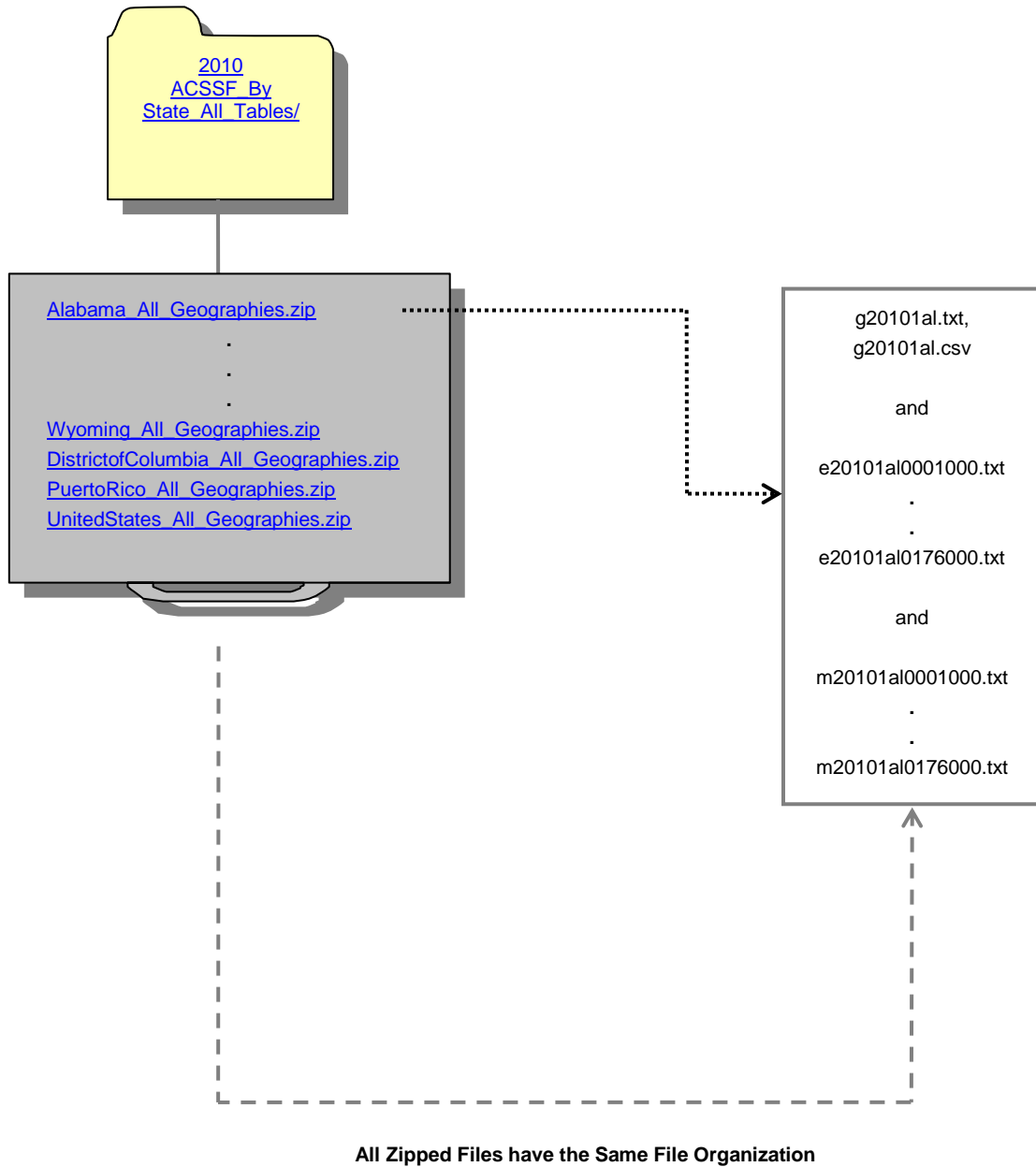
## Appendix B: Graphical Representation of ACS Summary File Organization

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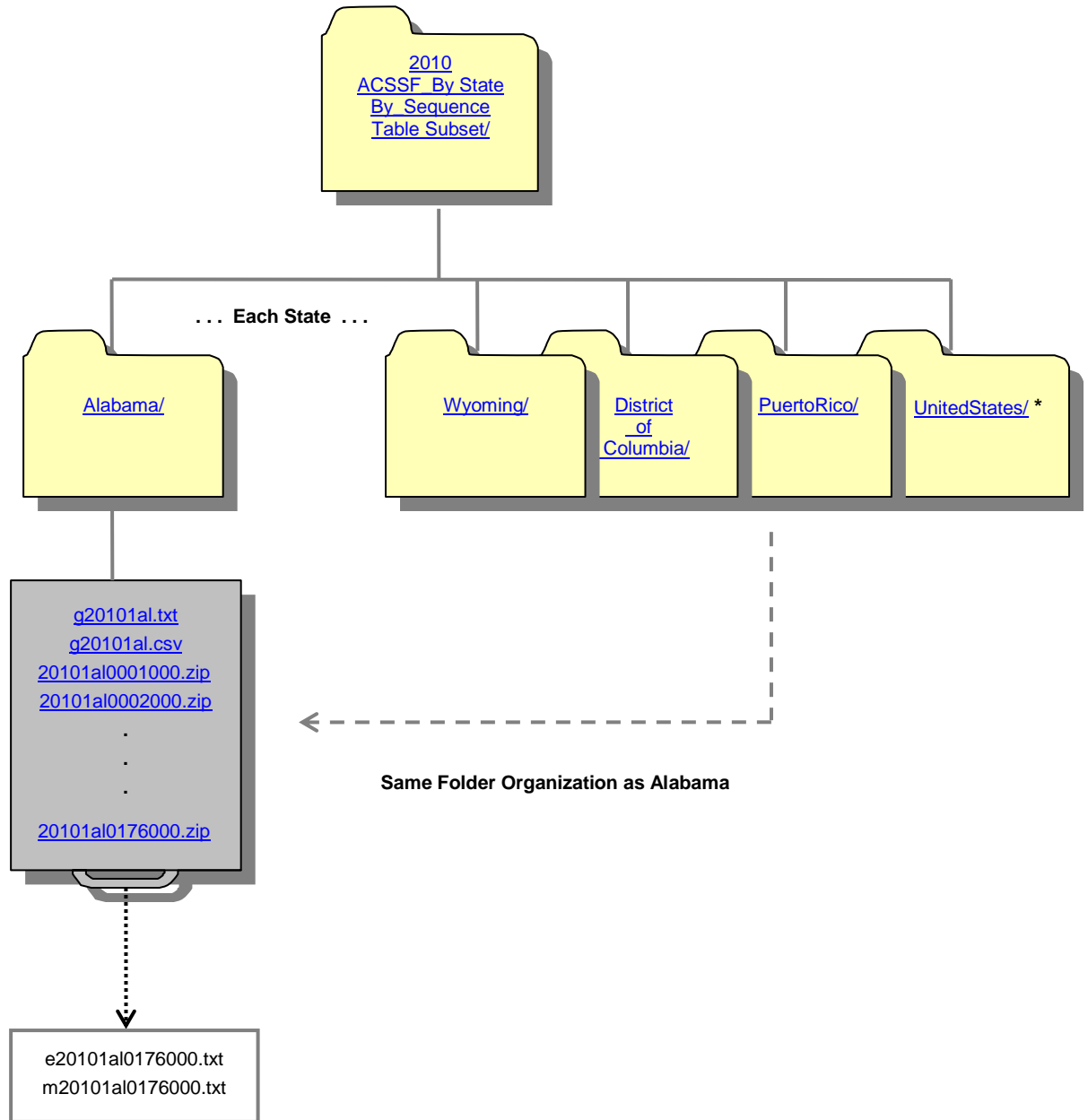
### B.1 2010 ACSSF All In 1 Giant File (Experienced-Users-Only)



## B.2 2010 ACSSF By State All Tables



### B.3 2010 ACSSF By State By Sequence Table Subset



\* The United States folder contains tables for summary levels that cross state boundaries, such as the nation, regions, divisions, metropolitan statistical areas and tribal reservations. It does not contain tables for geographies that are entirely within a state, such as counties and places; for those tables, go to the folder for that state.

## Appendix C: User Notes

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### C.1 Population Thresholds

The Census Bureau publishes data for 1-year, 3-year, and 5-year estimates, with population thresholds set for the 1-year and 3-year estimates to produce reliable data. Here is a brief comparison of the three types of estimates:

1-Year Estimates	3-Year Estimates	5-Year Estimates
<ul style="list-style-type: none"> <li>Published for selected geographic areas with populations of 65,000 or greater</li> <li>Represent the average characteristics over a calendar year</li> <li>Have fewer published geographic areas than the 3-year and 5-year estimates</li> </ul>	<ul style="list-style-type: none"> <li>Published for selected geographic areas with populations of 20,000 or greater</li> <li>Represent the average characteristics over the 3-year period of time</li> <li>Have fewer published geographic areas than the 1-year estimates but less than the 5-year estimates</li> </ul>	<ul style="list-style-type: none"> <li>No population threshold and published for small geographic areas</li> <li>Represent the average characteristics over the 5-year period of time</li> <li>Have more published areas than the 1-year and 3-year estimates</li> </ul>

For more information on the ACS estimates, users are encouraged to visit the ACS website [www.census.gov/acs/www/guidance\\_for\\_data\\_users/estimates/](http://www.census.gov/acs/www/guidance_for_data_users/estimates/).

### C.2 Geography Restrictions

For data quality and geographic reasons, some tables are published with specific geography restrictions. For example, the table B05001-PR, Citizenship Status in Puerto Rico, is produced for Puerto Rico only, and the table B08501, Means Of Transportation To Work By Age For Workplace Geography, is only produced for the work place geographies. [Appendix E](#) has a complete list of tables and their geography restrictions, and [Appendix F](#) has a complete list of ACS 1-year published summary levels and components. Other examples include the quality measures tables (the B98 series) and detailed occupation tables.

### C.3 Jam Values

Some data values represent unique situations where either the information to be conveyed is an explanation for the absence of data, represented by a symbol in the data display, such as "(X)", or the information to be conveyed is an open-ended distribution, such as 115 or greater, represented by 115+.

The following special data values can appear in the ACS Summary File table as an explanation for the absence of data:

- Missing Value = “,”

A missing string indicates that the estimate is unavailable. (This appears in the estimates and margins or error files as two commas adjacent to each other without anything between them, or if the last cell in a data file is filtered then you get a comma followed immediately by a carriage return or EOF.) A missing value indicates when an estimate is missing because of filtering for geographic restrictions, coefficients of variations (CV), or was removed due to the Disclosure Review Board’s (DRB) requirements. For more detail on filtering, please see [Appendix C.5](#).

- Dot = “.”

A dot indicates when the estimate has no sample observations or too few sample observations. In the margin of error files, this value could also indicate that the margin of error is unavailable for a median estimate that has been replaced with a jam value.

- Zero = “0”

A “0” entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate. This is similar to the “\*\*\*\*\*” symbol used in American FactFinder.

- Negative 1 = “-1”

This indicates that an estimate does not contain a Margin of Error. Tables B00001, B00002, and tables starting with B98 and B99 do not have margin of error (MOE) associated with them. The MOE calculations are set to -1 for these tables.

- Jam Values for Medians

The following is a listing of the jam values for medians. For example, if there is an estimate of "2499" for table B10010, then it does not indicate a dollar amount. It means that the median is somewhere below 2,500 and thus isn't calculated.



<b>Jam Value</b>	<b>Actual Meaning</b>	<b>Use for Medians</b>
0	1 or less	Age, Duration of Marriage
9	9.0 or more	Rooms
10	10.0 or less	Gross Rent as Percentage of Income, Owner Costs as Percentage of Income
50	50.0 or more	Gross Rent as Percentage of Income, Owner Costs as Percentage of Income
99	100 or less	Rent, Gross Rent, Selected Monthly Owner Costs, Monthly Housing Costs
101	101 or more	Duration of Marriage
116	115 or more	Age
199	200 or less	Tax
1001	1,000 or more	Selected Monthly Owner Costs
1939	1939 or earlier	Year Built
1969	1969 or earlier	Year Moved In
2001	2,000 or more	Rent, Gross Rent
2005	2005 or later	Year Built, Year Moved In
2499	2,500 or less	Income, Earnings
4001	4,000 or more	Selected Monthly Owner Costs, Monthly Housing Costs
9999	10,000 or less	Value
10001	10,000 or more	Tax
200001	200,000 or more	Income
250001	250,000 or more	Income, Earnings
1000001	1,000,000 or more	Value

#### C.4 Rounding Rules and Margins of Error

B00001, B00002, B98001, and B98002 are sample counts, not estimates, and do not have margin of error (MOE) associated with them. Tables in series B99\* imputation tables and B98\* (except B98001 and B98002) quality measure tables do not provide margin of error calculations. The margin of error calculations are set to -1 for these tables.

There are a few special rules on how certain margin of error are determined for ACS estimates. The accuracy of the estimate (decimal place) within the detailed tables determines how many digits the margin of error is rounded.

The only exceptions to these rules are tables B19082 (Shares of aggregate household income by quintile) and B19083 (index of income inequality, commonly known as GINI). B19082 has estimates rounded to one decimal place and MOE rounded to two decimal places. B19083 has estimates rounded to three decimal places and MOE rounded to four decimal places.

## **C.5 Data Release Filtering Rules**

Filtering rules, based on statistical reliability of the survey estimates, are used because certain geographic areas contain detailed tables include estimates whose level of reliability is unacceptable. The data release rules for the American Community Survey data tables include the following.

Every base table consists of a series of estimates. If more than half the estimates are not statistically different from 0 (at a 90 percent confidence level), then the table fails. Each estimate is subject to sampling variability that is summarized by its standard error. Dividing the standard error by the estimate yields the coefficient of variation (CV) for each of the estimates. (If the estimate is 0, a CV of 100 percent is assigned.) To implement this requirement for each table at a given geographic area, CVs are calculated for each of the table's estimates, and the median CV value is determined. If the median CV value for the table is less than or equal to 61 percent, the table passes for that geographic area; if it is greater than 61 percent, the table fails. Tables that are too sparse will fail this test. In that case, the table will not be published for that geographic area. Whenever a table fails, a simpler table that collapses some of the detailed lines together can be substituted for the original, more detailed table. The rules are then applied to the simpler table. If it passes, the simpler table is released. If it fails, none of the estimates for that particular table is released for this geographic area. These rules are applied to single-year period estimates and multi-year period estimates based on three years of sample data.

## **C.6 Display of Estimates**

The estimates in the summary files are stored using standard notation instead of in scientific notation. The estimates are stored as whole numbers. The largest estimate in a Summary File contains 14 digits.

## **C.7 Sequences Used Only for United States Tables or Only for Puerto Rico Tables**

There are 72 tables that differ between the United States (the 50 states and the District of Columbia) and Puerto Rico. The tables are different because the comparable tables may they contain different metadata (such as C06001 having 45 cells and C06001PR having 37 cells). To identify what tables are available for Puerto Rico only look for the "PR" suffix in the table id (e.g. C06001PR). Because of that, there are sequence files that apply only to the 50 states and the District of Columbia or only to Puerto Rico:

<b>US/State-only Sequences – Missing PR Data</b>	<b>PR Only Sequences – Missing US/State Data</b>
1 (US)	169 (PR)
2 (US)	170 (PR)
23 (US)	171 (PR)
24 (US)	172 (PR)
25 (US)	173 (PR)
28 (US)	174 (PR)
29 (US)	175 (PR)
30 (US)	176 (PR)
31 (US)	177 (PR)
32 (US)	178 (PR)
167(US)	179 (PR)

Therefore, for sequences 167-179 for areas other than Puerto Rico, the sequence files exist, but they are blank.

### C.8 Multiple Sequences For a Table

There are eight tables with more than the maximum 245 cells that cannot fit into a single sequence, so each of these tables is broken into multiple sequence files. The table below shows the tables that contain multiple sequences:

Tables That Are Contained in More Than One Sequence File

Table ID	Table Title	Sequences
B24010	Sex By Occupation For The Civilian Employed Population 16 Years And Over	107, 108
B24020	Sex By Occupation For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over	114, 115
B24121	Detailed Occupation By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over	126, 127, 128
B24122	Detailed Occupation By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Male Population 16 Years And Over	129, 130, 131
B24123	Detailed Occupation For The Full-Time, Year Round Civilian Employed Population 16 Years And Over	132, 133, 134
B24124	Detailed Occupation For The Full-Time, Year Round Civilian Employed Male Population 16 Years And Over	135, 136, 137
B24125	Detailed Occupation For The Full-Time, Year Round Civilian Employed Male Population 16 Years And Over	138, 139, 140
B24126	Detailed Occupation For The Full-Time, Year Round Civilian Employed Female Population 16 Years And Over	141, 142, 143

The last six tables on the list are only produced at the United States national level (summary level 010), and the files for these sequences will be blank for all other summary levels.

## Appendix D: Examples

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### D.1 Creating a Table

The following 5-year Summary File example is also applicable to the 1-year Summary File. Let's say that you want to create Table B08406, "Sex of Workers by Means of Transportation to Work for Workplace Geography," for the state of Alaska. Which files do you need? How do you read the files?

You will need three files:

- 1) The Sequence\_Number\_and\_Table\_Number\_Lookup.xls spreadsheet
- 2) The zipped file 20095ak0003000.zip and the data file e20095ak0003000.txt
- 3) The geography file (g20095ak.txt)

Start with the Sequence\_Number\_and\_Table\_Number\_Lookup.xls spreadsheet. Under the "Tblid" column, look for the value "B08406". You will see that the "Sequence Number" is "0003." This means that the estimates you are looking for are in the data file "e20095ak0003000.txt". How do you know this is the right file? You know this from the name of the file: the "e" stands for estimate, "2009" is the year, "5" means that these are 5-year estimates, "ak" is the state (Alaska), and "0003" is the sequence number (which contains the data for Table B08406). Likewise, you need the "m20095ak0003000.txt" file for the margins of error. These two files will be found in a zipped file specifying that it is all geographies that are "not track (or) block groups". That is because we want the estimates and margins of error for the state level, Alaska. See [Chapter 2.5](#) for more information.

When you open the estimate file, e20095ak0003000.txt, you will see the following comma-delimited fields on the first line:

```
ACSSF,2009e5,ak,000,0003,0000001,333471,266201,220762,45439,36132,5602,3705,...
```

The first six fields – from "ACSSF" to "0000001" – are identifiers:

- 1) The first field tells you that this is an ACS Summary File;
- 2) The second tells you that these data are five-year estimates for the year 2005-2009 (notice the "e" before "2009" and the "5" at the end);
- 3) The third tells you the state, ie. "ak" is Alaska;
- 4) The fourth is an iteration number;
- 5) The fifth is the sequence number,
- 6) The last is a logical record code, LOGRECNO. The LOGRECNO identifies the geographic area within a state.

These identifiers begin each new line in the estimate file, and the same holds true for the margin of error files. You can compare these identifiers with those in the respective margin of error file, m20095ak0003000.txt.

Then use the geography file for Alaska to determine the location within the state to which the data refer. The appropriate file is g20095ak.txt, where “g” stands for geography, “2009” is the year, “5” is the period estimate (in this case, 5-year estimate), and “ak” is the state. The geography file, g20095ak.txt, defines the LOGRECNO. Each LOGRECNO in this file specifies a geographic area pertaining to the state. For example, a LOGRECNO of “0000001” means the state of Alaska; a LOGRECNO of “0000002” means just the urban areas in Alaska; a LOGRECNO of “0000003” refers to just rural areas in Alaska. (Each state geography file also contains the lower-case FIPS State Code.) Please be aware that each state has its own geography file. For more information, see [Chapter 2.4](#).

Glancing back at the Sequence Number and Table Number Lookup file, you will see that Table 08406 in sequence “0003” begins at the seventh position. From this point forward, for 51 fields (indicated on the same file), each field corresponds to the value of a “line number” in the table. So, field number seven, the 333471 value, corresponds to line number one, which is “Total”. Field number eight, the 266201 value, refers to line number two, which is “Car, Truck, or Van.” Field number nine, the 220762 value, corresponds to line number three, which is “Drove alone.” This continues all the way up to line number 51, at which point Table B08406 ends.

Were you to read all these files into a computer program using software such as SAS, you could translate the first nine fields of e20095ak0003000.txt as follows:

**TABLE B08406: SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY**

FILEID	FILE TYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	Total	Car, Truck, or Van	Drove Alone
ACSSF	2009e5	ak	000	0003	0000001	333471	266201	220762
ACSSF	2009e5	ak	000	0003	0000013	2440	340	252
ACSSF	2009e5	ak	000	0003	0000014	5266	1046	620
ACSSF	2009e5	ak	000	0003	0000015	151263	135626	114936
ACSSF	2009e5	ak	000	0003	0000016	6421	2455	1586

Merging the geography file, the table shell, and the estimate and margin of error files together creates an excerpt of Table B08406, shown below:

Table ID	Line Number	Sequence Number	Table Title	Estimates	Margin of Error
B08406		003	<b>SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY</b>		
B08406		003	Universe: Workers 16 years and over		
B08406	1	003	Total:	333,471	+/-2,630
B08406	2	003	Car, truck, or van:	266,201	+/-2,589
B08406	3	003	Drove alone	220,762	+/-2,439
B08406	4	003	Carpooled:	45,439	+/-1,795
B08406	5	003	In 2-person carpool	36,132	+/-1,596

## D.2 Creating a Table Using SAS

Here is an example of how to access the Summary Files for one table for all geographies from the ACS summary file. The following 5-year Summary File example is also applicable to the 1-year Summary File.

Question: I am interested in downloading table B01001 for all published ACS geographies, how would I do this?

- 1) Go to the Sequence Number and Detailed Table Number Lookup File ([Chapter 2.3](#)) to locate sequence number for table B01001. There are Excel and SAS dataset versions of the file. They are available at [www2.census.gov/acs2009\\_5yr/summaryfile](http://www2.census.gov/acs2009_5yr/summaryfile)
- 2) Use the Summary File SAS Example Macros located at [www2.census.gov/acs2009\\_5yr/summaryfile/UserTools/](http://www2.census.gov/acs2009_5yr/summaryfile/UserTools/). Run the macro:

```
%TableShell(B01001);
```

This macro will provide metadata information on a given table, in this case B01001.

- 3) The following SAS dataset will be created with information about table B01001:

Table ID	Sequence Number	Line Number	Start Position	Total Cells in Table	Total Cells in Sequence	Table Title
B01001	0013		7	49 CELLS		SEX BY AGE
B01001	0013					Universe: Total population
B01001	0013	1				Total:
B01001	0013	2				Male:
B01001	0013	3				Under 5 years
B01001	0013	47				75 to 79 years
B01001	0013	48				80 to 84 years
B01001	0013	49				85 years and over

We can see that table B01001 is located in Sequence 0013; this applies to all published geographies.

- 4) We can read into SAS all tables in the 0013 sequence by running the SAS Example Macros:

```
%CallSt;
```

This macro will run a do loop creating State two-digit abbreviations, which will allow a simple way to read the Summary Files into SAS for all geographies. Each time a valid two digit state abbreviation is created, the macro %AllSeqs is run with the two digit state abbreviation.

The **%AllSeqs** Macro performs the following tasks:

- A. Read the geographic header file - **%AnyGeo** Macro.
  - B. There is a do loop to allow you to choose which sequences you would like to read in for example if you wanted sequence 0010 set the loop to be `do x=13 %to 13;` - The 0 values will be filled in.
  - C. Within the do loop the following macros will be executed:
    - a. **%TablesBySeq**, -- This will give information about the whole 0003 sequence, not just table B01001.
    - b. **%ReadDataFile** – This macro is called two times once for each type of estimate. This macro will generate and run SAS code for each sequence specified in the do loop in step 2 and for each geography specified in the **%CallSt** macro.
    - c. Lastly, there is a merge statement that will merge together each of the three types of estimates and the geography header file by sequence number per geography.
- 5) You now will have all tables in the 0013 sequence read into SAS in the following dataset names, if the code is not modified, in the work directory Sf0013<st two-digit abbrev>.sas7bdat.



## Appendix E: Detailed Tables for the 2010 ACS 1-Year Estimates

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B00001	Unweighted Sample Count Of The Population		12	7-7
B00002	Unweighted Sample Housing Units		12	8-8
B01001	Sex By Age		13	7-55
B01001A	Sex By Age (White Alone)		13	56-86
C01001A	Sex By Age (White Alone)		13	180-188
B01001B	Sex By Age (Black Or African American Alone)		13	87-117
C01001B	Sex By Age (Black Or African American Alone)		13	189-197
B01001C	Sex By Age (American Indian And Alaska Native Alone)		13	118-148
C01001C	Sex By Age (American Indian And Alaska Native Alone)		13	198-206
B01001D	Sex By Age (Asian Alone)		13	149-179
C01001D	Sex By Age (Asian Alone)		13	207-215
B01001E	Sex By Age (Native Hawaiian And Other Pacific Islander Alone)		14	7-37
C01001E	Sex By Age (Native Hawaiian And Other Pacific Islander Alone)		14	193-201
B01001F	Sex By Age (Some Other Race Alone)		14	38-68
C01001F	Sex By Age (Some Other Race Alone)		14	202-210
B01001G	Sex By Age (Two Or More Races)		14	69-99
C01001G	Sex By Age (Two Or More Races)		14	211-219
B01001H	Sex By Age (White Alone, Not Hispanic Or Latino)		14	100-130
C01001H	Sex By Age (White Alone, Not Hispanic Or Latino)		14	220-228
B01001I	Sex By Age (Hispanic Or Latino)		14	131-161
C01001I	Sex By Age (Hispanic Or Latino)		14	229-237
B01002	Median Age By Sex		14	162-164
B01002A	Median Age By Sex (White Alone)		14	165-167
B01002B	Median Age By Sex (Black Or African American Alone)		14	168-170
B01002C	Median Age By Sex (American Indian And Alaska Native)		14	171-173
B01002D	Median Age By Sex (Asian Alone)		14	174-176
B01002E	Median Age By Sex (Native Hawaiian And Other Pacific Islander Alone)		14	177-179
B01002F	Median Age By Sex (Some Other Race Alone)		14	180-182
B01002G	Median Age By Sex (Two Or More Races)		14	183-185
B01002H	Median Age By Sex (White Alone, Not Hispanic Or Latino)		14	186-188
B01002I	Median Age By Sex (Hispanic Or Latino)		14	189-191
B01003	Total Population		14	192-192
B02001	Race		15	7-16
B02003	Detailed Race	National Level Only	15	17-87
C02003	Detailed Race		15	174-192
B02005	American Indian And Alaska Native Alone For Selected Tribal Groupings		15	88-133
C02005	American Indian And Alaska Native Alone For Selected Tribal Groupings		15	193-201

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B02006	Asian Alone By Selected Groups		15	134-152
C02006	Asian Alone By Selected Groups		15	202-209
B02007	Native Hawaiian And Other Pacific Islander Alone By Selected Groups		15	153-167
C02007	Native Hawaiian And Other Pacific Islander Alone By Selected Groups		15	210-214
B02008	White Alone Or In Combination With One Or More Other Races		15	168-168
B02009	Black Or African American Alone Or In Combination With One Or More Other Races		15	169-169
B02010	American Indian And Alaska Native Alone Or In Combination With One Or More Other Races		15	170-170
B02011	Asian Alone Or In Combination With One Or More Other Races		15	171-171
B02012	Native Hawaiian And Other Pacific Islander Alone Or In Combination With One Or More Other Races		15	172-172
B02013	Some Other Race Alone Or In Combination With One Or More Other Races		15	173-173
B03001	Hispanic Or Latino Origin By Specific Origin		16	7-37
C03001	Hispanic Or Latino Origin By Specific Origin		16	62-71
B03002	Hispanic Or Latino Origin By Race		16	38-58
C03002	Hispanic Or Latino Origin By Race		16	72-83
B03003	Hispanic Or Latino Origin		16	59-61
B04001	First Ancestry Reported		17	7-115
C04001	First Ancestry Reported		17	116-147
B04002	Second Ancestry Reported		18	7-115
C04002	Second Ancestry Reported		18	116-147
B04003	Total Ancestry Reported		19	7-114
C04003	Total Ancestry Reported		19	115-145
B04004	People Reporting Single Ancestry		20	7-114
C04004	People Reporting Single Ancestry		20	115-145
B04005	People Reporting Multiple Ancestry		21	7-114
C04005	People Reporting Multiple Ancestry		21	115-145
B04006	People Reporting Ancestry		22	7-115
C04006	People Reporting Ancestry		22	123-154
B04007	Ancestry		22	116-122
C04007	Ancestry		22	155-159
B05001	Citizenship Status In The United States	US Only	23	7-12
C05001	Citizenship Status In The United States	US Only	23	143-147
B05001PR	Citizenship Status In Puerto Rico	PR Only	171	7-12
B05002	Place Of Birth By Citizenship Status		US 23 PR 171	US 13-27 PR 13-27
C05002	Place Of Birth By Nativity		US 23 PR 171	US 148-155 PR 143-150
B05003	Sex By Age By Citizenship Status		US 23 PR 171	US 28-50 PR 28-50
C05003	Sex By Age By Nativity		US 23 PR 171	US 156-170 PR 151-165
B05003A	Sex By Age By Citizenship Status (White Alone)		US 23 PR 171	US 51-73 PR 51-73

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C05003A	Sex By Age By Nativity (White Alone)		US 23 PR 171	US 171-185 PR 166-180
B05003B	Sex By Age By Citizenship Status (Black Or African American Alone)		US 23 PR 171	US 74-96 PR 74-96
C05003B	Sex By Age By Nativity (Black Or African American Alone)		US 23 PR 171	US 186-200 PR 181-195
B05003C	Sex By Age By Citizenship Status (American Indian And Alaska Native Alone)		US 23 PR 171	US 97-119 PR 97-119
C05003C	Sex By Age By Nativity (American Indian And Alaska Native Alone)		US 23 PR 171	US 201-215 PR 196-210
B05003D	Sex By Age By Citizenship Status (Asian Alone)		US 23 PR 171	US 120-142 PR 120-142
C05003D	Sex By Age By Nativity (Asian Alone)		US 23 PR 171	US 216-230 PR 211-225
B05003E	Sex By Age By Citizenship Status (Native Hawaiian And Other Pacific Islander Alone)		US 24 PR 172	US 7-29 PR 7-29
C05003E	Sex By Age By Nativity (Native Hawaiian And Other Pacific Islander Alone)		US 24 PR 172	US 158-172 PR 158-172
B05003F	Sex By Age By Citizenship Status (Some Other Race Alone)		US 24 PR 172	US 30-52 PR 30-52
C05003F	Sex By Age By Nativity (Some Other Race Alone)		US 24 PR 172	US 173-187 PR 173-187
B05003G	Sex By Age By Citizenship Status (Two Or More Races)		US 24 PR 172	US 53-75 PR 53-75
C05003G	Sex By Age By Nativity (Two Or More Races)		US 24 PR 172	US 188-202 PR 188-202
B05003H	Sex By Age By Citizenship Status (White Alone, Not Hispanic Or Latino)		US 24 PR 172	US 76-98 PR 76-98
C05003H	Sex By Age By Nativity (White Alone, Not Hispanic Or Latino)		US 24 PR 172	US 203-217 PR 203-217
B05003I	Sex By Age By Citizenship Status (Hispanic Or Latino)		US 24 PR 172	US 99-121 PR 99-121
C05003I	Sex By Age By Nativity (Hispanic Or Latino)		US 24 PR 172	US 218-232 PR 218-232
B05004	Median Age By Citizenship Status By Sex		US 24 PR 172	US 122-136 PR 122-136
B05005	Year Of Entry By Citizenship Status In The United States	US Only	24	137-157
C05005	Year Of Entry By Nativity In The United States	US Only	24	233-245
B05005PR	Year Of Entry By Citizenship Status In Puerto Rico	PR Only	172	137-157
C05005PR	Year Of Entry By Nativity In Puerto Rico	PR Only	172	233-245
B05006	Place Of Birth For The Foreign-Born Population In The United States	US Only	25	7-167
C05006	Place Of Birth For The Foreign-Born Population		US 2 5 PR 173	US 168-235 PR 53-120
B05006PR	Place Of Birth For The Foreign-Born Population In Puerto Rico	PR Only	173	7-52
B05007	Place Of Birth By Year Of Entry By Citizenship Status For The Foreign-Born Population		26	7-100
C05007	Place Of Birth By Year Of Entry By Citizenship Status For The Foreign-Born Population		26	101-157
B05008	Sex By Place Of Birth By Year Of Entry For The Foreign-Born Population		27	7-75
C05008	Sex By Place Of Birth By Year Of Entry For The Foreign-Born Population		27	151-201
B05009	Age And Nativity Of Own Children Under 18 Years In Families And Subfamilies By Number And Nativity Of Parents		27	76-112
C05009	Age And Nativity Of Own Children Under 18 Years In Families And Subfamilies By Nativity Of Parents		27	202-216

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B05010	Ratio Of Income To Poverty Level In The Past 12 Months By Nativity Of Children Under 18 Years In Families And Subfamilies By Living Arrangements And Nativity Of Parents		27	113-137
C05010	Ratio Of Income To Poverty Level In The Past 12 Months By Nativity Of Children Under 18 Years In Families And Subfamilies By Nativity Of Parents		27	217-223
B05011	Period Of Naturalization		27	138-147
C05011	Period Of Naturalization		27	224-229
B05012	Nativity In The United States	US Only	27	148-150
B06001	Place Of Birth By Age In The United States	US Only	28	7-66
C06001	Place Of Birth By Age In The United States	US Only	28	132-176
B06001PR	Place Of Birth By Age In Puerto Rico	PR Only	174	7-66
C06001PR	Place Of Birth By Age In Puerto Rico	PR Only	174	132-168
B06002	Median Age By Place Of Birth In The United States	US Only	28	67-71
B06002PR	Median Age By Place Of Birth In Puerto Rico	PR Only	174	67-71
B06003	Place Of Birth By Sex In The United States	US Only	28	72-86
C06003	Place Of Birth By Sex In The United States	US Only	28	177-189
B06003PR	Place Of Birth By Sex In Puerto Rico	PR Only	174	72-86
C06003PR	Place Of Birth By Sex In Puerto Rico	PR Only	174	169-181
B06004A	Place Of Birth (White Alone) In The United States	US Only	28	87-91
B06004APR	Place Of Birth (White Alone) In Puerto Rico	PR Only	174	87-91
B06004B	Place Of Birth (Black Or African American Alone) In The United States	US Only	28	92-96
B06004BPR	Place Of Birth (Black Or African American Alone) In Puerto Rico	PR Only	174	92-96
B06004C	Place Of Birth (American Indian And Alaska Native Alone) In The United States	US Only	28	97-101
B06004CPR	Place Of Birth (American Indian And Alaska Native Alone) In Puerto Rico	PR Only	174	97-101
B06004D	Place Of Birth (Asian Alone) In The United States	US Only	28	102-106
B06004DPR	Place Of Birth (Asian Alone) In Puerto Rico	PR Only	174	102-106
B06004E	Place Of Birth (Native Hawaiian And Other Pacific Islander Alone) In The United States	US Only	28	107-111
B06004EPR	Place Of Birth (Native Hawaiian And Other Pacific Islander Alone) In Puerto Rico	PR Only	174	107-111
B06004F	Place Of Birth (Some Other Race Alone) In The United States	US Only	28	112-116
B06004FPR	Place Of Birth (Some Other Race Alone) In Puerto Rico	PR Only	174	112-116
B06004G	Place Of Birth (Two Or More Races) In The United States	US Only	28	117-121
B06004GPR	Place Of Birth (Two Or More Races) In Puerto Rico	PR Only	174	117-121
B06004H	Place Of Birth (White Alone, Not Hispanic Or Latino) In The United States	US Only	28	122-126
B06004HPR	Place Of Birth (White Alone, Not Hispanic Or Latino) In Puerto Rico	PR Only	174	122-126
B06004I	Place Of Birth (Hispanic Or Latino) In The United States	US Only	28	127-131
B06004IPR	Place Of Birth (Hispanic Or Latino) In Puerto Rico	PR Only	174	127-131
B06007	Place Of Birth By Language Spoken At Home And Ability To Speak English In The United States	US Only	29	7-46
C06007	Place Of Birth By Language Spoken At Home And Ability To Speak English In The United States	US Only	29	187-211
B06007PR	Place Of Birth By Language Spoken At Home And Ability To Speak English In Puerto Rico	PR Only	175	7-46
C06007PR	Place Of Birth By Language Spoken At Home And Ability To Speak English In Puerto Rico	PR Only	175	187-211

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B06008	Place Of Birth By Marital Status In The United States	US Only	29	47-76
C06008	Place Of Birth By Marital Status In The United States	US Only	29	212-236
B06008PR	Place Of Birth By Marital Status In Puerto Rico	PR Only	175	47-76
C06008PR	Place Of Birth By Marital Status In Puerto Rico	PR Only	175	212-236
B06009	Place Of Birth By Educational Attainment In The United States	US Only	29	77-106
B06009PR	Place Of Birth By Educational Attainment In Puerto Rico	PR Only	175	77-106
B06010	Place Of Birth By Individual Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) In The United States	US Only	29	107-161
B06010PR	Place Of Birth By Individual Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) In Puerto Rico	PR Only	175	107-161
C06010PR	Place Of Birth By Individual Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) In Puerto Rico	PR Only	174	182-228
B06011	Median Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Place Of Birth In The United States	US Only	29	162-166
B06011PR	Median Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Place Of Birth In Puerto Rico	PR Only	175	162-166
B06012	Place Of Birth By Poverty Status In The Past 12 Months In The United States	US Only	29	167-186
B06012PR	Place Of Birth By Poverty Status In The Past 12 Months In Puerto Rico	PR Only	175	167-186
B07001	Geographical Mobility In The Past Year By Age For Current Residence In The United States	US Only	30	7-102
C07001	Geographical Mobility In The Past Year By Age For Current Residence In The United States	US Only	30	181-240
B07001PR	Geographical Mobility In The Past Year By Age For Current Residence In Puerto Rico	PR Only	176	7-102
C07001PR	Geographical Mobility In The Past Year By Age For Current Residence In Puerto Rico	PR Only	176	181-240
B07002	Median Age By Geographical Mobility In The Past Year For Current Residence In The United States	US Only	30	103-108
B07002PR	Median Age By Geographical Mobility In The Past Year For Current Residence In Puerto Rico	PR Only	176	103-108
B07003	Geographical Mobility In The Past Year By Sex For Current Residence In The United States	US Only	30	109-126
B07003PR	Geographical Mobility In The Past Year By Sex For Current Residence In Puerto Rico	PR Only	176	109-126
B07004A	Geographical Mobility In The Past Year (White Alone) For Current Residence In The United States	US Only	30	127-132
B07004APR	Geographical Mobility In The Past Year (White Alone) For Current Residence In Puerto Rico	PR Only	176	127-132
B07004B	Geographical Mobility In The Past Year (Black Or African American Alone) For Current Residence In The United States	US Only	30	133-138
B07004BPR	Geographical Mobility In The Past Year (Black Or African American Alone) For Current Residence In Puerto Rico	PR Only	176	133-138
B07004C	Geographical Mobility In The Past Year (American Indian And Alaska Native Alone) For Current Residence In The United States	US Only	30	139-144
B07004CPR	Geographical Mobility In The Past Year (American Indian And Alaska Native Alone) For Current Residence In Puerto Rico	PR Only	176	139-144
B07004D	Geographical Mobility In The Past Year (Asian Alone) For Current Residence In The United States	US Only	30	145-150
B07004DPR	Geographical Mobility In The Past Year (Asian Alone) For Current Residence In Puerto Rico	PR Only	176	145-150
B07004E	Geographical Mobility In The Past Year (Native Hawaiian And Other Pacific Islander Alone) For Current Residence In The United States	US Only	30	151-156
B07004EPR	Geographical Mobility In The Past Year (Native Hawaiian And Other Pacific Islander Alone) For Current Residence In Puerto Rico	PR Only	176	151-156

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B07004F	Geographical Mobility In The Past Year (Some Other Race Alone) For Current Residence In The United States	US Only	30	157-162
B07004FPR	Geographical Mobility In The Past Year (Some Other Race Alone) For Current Residence In Puerto Rico	PR Only	176	157-162
B07004G	Geographical Mobility In The Past Year (Two Or More Races) For Current Residence In The United States	US Only	30	163-168
B07004GPR	Geographical Mobility In The Past Year (Two Or More Races) For Current Residence In Puerto Rico	PR Only	176	163-168
B07004H	Geographical Mobility In The Past Year (White Alone, Not Hispanic Or Latino) For Current Residence In The United States	US Only	30	169-174
B07004HPR	Geographical Mobility In The Past Year (White Alone, Not Hispanic Or Latino) For Current Residence In Puerto Rico	PR Only	176	169-174
B07004I	Geographical Mobility In The Past Year (Hispanic Or Latino) For Current Residence In The United States	US Only	30	175-180
B07004IPR	Geographical Mobility In The Past Year (Hispanic Or Latino) For Current Residence In Puerto Rico	PR Only	176	175-180
B07007	Geographical Mobility In The Past Year By Citizenship Status For Current Residence In The United States	US Only	31	7-36
B07007PR	Geographical Mobility In The Past Year By Citizenship Status For Current Residence In Puerto Rico	PR Only	177	7-36
B07008	Geographical Mobility In The Past Year By Marital Status For Current Residence In The United States	US Only	31	37-72
C07008	Geographical Mobility In The Past Year By Marital Status For Current Residence In The United States	US Only	31	205-234
B07008PR	Geographical Mobility In The Past Year By Marital Status For Current Residence In Puerto Rico	PR Only	177	37-72
C07008PR	Geographical Mobility In The Past Year By Marital Status For Current Residence In Puerto Rico	PR Only	177	205-234
B07009	Geographical Mobility In The Past Year By Educational Attainment For Current Residence In The United States	US Only	31	73-108
B07009PR	Geographical Mobility In The Past Year By Educational Attainment For Current Residence In Puerto Rico	PR Only	177	73-108
B07010	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Current Residence In The United States	US Only	31	109-174
B07010PR	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Current Residence In Puerto Rico	PR Only	177	109-174
B07011	Median Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Geographical Mobility In The Past Year For Current Residence In The United States	US Only	31	175-180
B07011PR	Median Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Geographical Mobility In The Past Year For Current Residence In Puerto Rico	PR Only	177	175-180
B07012	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Current Residence In The United States	US Only	31	181-204
B07012PR	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Current Residence In Puerto Rico	PR Only	177	181-204
B07013	Geographical Mobility In The Past Year By Tenure For Current Residence In The United States	US Only	32	7-24
B07013PR	Geographical Mobility In The Past Year By Tenure For Current Residence In Puerto Rico	PR Only	178	7-24
B07101	Movers Between Regions In The United States	National Level Only	32	25-84
B07201	Geographical Mobility In The Past Year For Current Residence--Metropolitan Statistical Area Level In The United States	US Only	32	85-98
C07201	Geographical Mobility In The Past Year For Current Residence--Metropolitan Statistical Area Level In The United States	US Only	32	143-154
B07201PR	Geographical Mobility In The Past Year For Current Residence--Metropolitan Statistical Area Level In Puerto Rico	PR Only	178	85-106

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C07201PR	Geographical Mobility In The Past Year For Current Residence--Metropolitan Statistical Area Level In Puerto Rico	PR Only	178	143-158
B07202	Geographical Mobility In The Past Year For Current Residence--Micropolitan Statistical Area Level In The United States	US Only	32	99-112
C07202	Geographical Mobility In The Past Year For Current Residence--Micropolitan Statistical Area Level In The United States	US Only	US 32 PR 178	US 155-166 PR 159-170
B07202PR	Geographical Mobility In The Past Year For Current Residence--Micropolitan Statistical Area Level In Puerto Rico	PR Only	178	107-117
B07203	Geographical Mobility In The Past Year For Current Residence--Not Metropolitan Or Micropolitan Statistical Area Level In The United States	US Only	32	113-123
C07203	Geographical Mobility In The Past Year For Current Residence--Not Metropolitan Or Micropolitan Statistical Area Level In The United States	US Only	US 32 PR 178	US 167-175 PR 171-179
B07203PR	Geographical Mobility In The Past Year For Current Residence--Not Metropolitan Or Micropolitan Statistical Area Level In Puerto Rico	PR Only	178	118-125
B07204	Geographical Mobility In The Past Year For Current Residence--State, County And Place Level In The United States	US Only	32	124-142
C07204	Geographical Mobility In The Past Year For Current Residence--State, County And Place Level In The United States	US Only	32	176-187
B07204PR	Geographical Mobility In The Past Year For Current Residence--State, County And Place Level In Puerto Rico	PR Only	178	126-142
C07204PR	Geographical Mobility In The Past Year For Current Residence--State, County And Place Level In Puerto Rico	PR Only	178	180-188
B07401	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In The United States	Migration US Only	1	7-86
C07401	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In The United States	Migration US Only	1	177-226
B07401PR	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	7-86
C07401PR	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	177-226
B07402	Median Age By Geographical Mobility In The Past Year For Residence 1 Year Ago In The United States	Migration US Only	1	87-91
B07402PR	Median Age By Geographical Mobility In The Past Year For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	87-91
B07403	Geographical Mobility In The Past Year By Sex For Residence 1 Year Ago In The United States	Migration US Only	1	92-106
B07403PR	Geographical Mobility In The Past Year By Sex For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	92-106
B07404A	Geographical Mobility In The Past Year (White Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	107-111
B07404APR	Geographical Mobility In The Past Year (White Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	107-111
B07404B	Geographical Mobility In The Past Year (Black Or African American Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	112-116
B07404BPR	Geographical Mobility In The Past Year (Black Or African American Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	112-116
B07404C	Geographical Mobility In The Past Year (American Indian And Alaska Native Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	117-121
B07404CPR	Geographical Mobility In The Past Year (American Indian And Alaska Native Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	117-121
B07404D	Geographical Mobility In The Past Year (Asian Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	122-126
B07404DPR	Geographical Mobility In The Past Year (Asian Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	122-126
B07404E	Geographical Mobility In The Past Year (Native Hawaiian And Other Pacific Islander Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	127-131
B07404EPR	Geographical Mobility In The Past Year (Native Hawaiian And Other Pacific Islander Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	127-131



Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B07404F	Geographical Mobility In The Past Year (Some Other Race Alone) For Residence 1 Year Ago In The United States	Migration US Only	1	132-136
B07404FPR	Geographical Mobility In The Past Year (Some Other Race Alone) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	132-136
B07404G	Geographical Mobility In The Past Year (Two Or More Races) For Residence 1 Year Ago In The United States	Migration US Only	1	137-141
B07404GPR	Geographical Mobility In The Past Year (Two Or More Races) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	137-141
B07404H	Geographical Mobility In The Past Year (White Alone, Not Hispanic Or Latino) For Residence 1 Year Ago In The United States	Migration US Only	1	142-146
B07404HPR	Geographical Mobility In The Past Year (White Alone, Not Hispanic Or Latino) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	142-146
B07404I	Geographical Mobility In The Past Year (Hispanic Or Latino) For Residence 1 Year Ago In The United States	Migration US Only	1	147-151
B07404IPR	Geographical Mobility In The Past Year (Hispanic Or Latino) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	147-151
B07407	Geographical Mobility In The Past Year By Citizenship Status For Residence 1 Year Ago In The United States	Migration US Only	1	152-176
B07407PR	Geographical Mobility In The Past Year By Citizenship Status For Residence 1 Year Ago In Puerto Rico	Migration PR Only	169	152-176
B07408	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In The United States	Migration US Only	2	7-36
C07408	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In The United States	Migration US Only	2	162-186
B07408PR	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In Puerto Rico	Migration PR Only	170	7-36
C07408PR	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In Puerto Rico	Migration PR Only	170	162-186
B07409	Geographical Mobility In The Past Year By Educational Attainment For Residence 1 Year Ago In The United States	Migration US Only	2	37-66
B07409PR	Geographical Mobility In The Past Year By Educational Attainment For Residence 1 Year Ago In Puerto Rico	Migration PR Only	170	37-66
B07410	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Residence 1 Year Ago In The United States	Migration US Only	2	67-121
B07410PR	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Residence 1 Year Ago In Puerto Rico	Migration PR Only	170	67-121
B07411	Median Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Geographical Mobility In The Past Year For Residence 1 Year Ago In The United States	Migration US Only	2	122-126
B07411PR	Median Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Geographical Mobility In The Past Year For Residence 1 Year Ago In Puerto Rico	Migration PR Only	170	122-126
B07412	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Residence 1 Year Ago In The United States	Migration US Only	2	127-146
B07412PR	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Residence 1 Year Ago In Puerto Rico	Migration PR Only	170	127-146
B07413	Geographical Mobility In The Past Year By Tenure For Residence 1 Year Ago In The United States	Migration US Only	2	147-161
B07413PR	Geographical Mobility In The Past Year By Tenure For Residence 1 Year Ago In Puerto Rico	Migration PR Only	170	147-161
B08006	Sex Of Workers By Means Of Transportation To Work		33	7-57
C08006	Sex Of Workers By Means Of Transportation To Work		33	148-183
B08007	Sex Of Workers By Place Of Work--State And County Level		33	58-72
C08007	Sex Of Workers By Place Of Work--State And County Level		33	184-192
B08008	Sex Of Workers By Place Of Work--Place Level		33	73-87

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B08009	Sex Of Workers By Place Of Work--Minor Civil Division Level For 12 Selected States (Ct, Me, Ma, Mi, Mn, Nh, Nj, Ny, Pa, Ri, Vt, Wi)		33	88-102
B08011	Sex Of Workers By Time Leaving Home To Go To Work		33	103-147
C08011	Sex Of Workers By Time Leaving Home To Go To Work		33	193-225
B08012	Sex Of Workers By Travel Time To Work		34	7-45
C08012	Sex Of Workers By Travel Time To Work		34	127-156
B08013	Aggregate Travel Time To Work (In Minutes) Of Workers By Sex		34	46-48
B08014	Sex Of Workers By Vehicles Available		34	49-69
C08014	Sex Of Workers By Vehicles Available		34	157-171
B08015	Aggregate Number Of Vehicles (Car, Truck, Or Van) Used In Commuting By Workers 16 Years And Over By Sex		34	70-72
B08016	Place Of Work For Workers 16 Years And Over--Metropolitan Statistical Area Level		34	73-95
C08016	Place Of Work For Workers 16 Years And Over--Metropolitan Statistical Area Level		34	172-180
B08017	Place Of Work For Workers 16 Years And Over--Micropolitan Statistical Area Level		34	96-118
C08017	Place Of Work For Workers 16 Years And Over--Micropolitan Statistical Area Level		34	181-189
B08018	Place Of Work For Workers 16 Years And Over--Not Metropolitan Or Micropolitan Statistical Area Level		34	119-126
C08018	Place Of Work For Workers 16 Years And Over--Not Metropolitan Or Micropolitan Statistical Area Level		34	190-195
B08101	Means Of Transportation To Work By Age		35	7-62
C08101	Means Of Transportation To Work By Age		35	133-174
B08103	Median Age By Means Of Transportation To Work		35	63-69
B08105A	Means Of Transportation To Work (White Alone)		35	70-76
C08105A	Means Of Transportation To Work (White Alone)		35	175-180
B08105B	Means Of Transportation To Work (Black Or African American Alone)		35	77-83
C08105B	Means Of Transportation To Work (Black Or African American Alone)		35	181-186
B08105C	Means Of Transportation To Work (American Indian And Alaska Native Alone)		35	84-90
C08105C	Means Of Transportation To Work (American Indian And Alaska Native Alone)		35	187-192
B08105D	Means Of Transportation To Work (Asian Alone)		35	91-97
C08105D	Means Of Transportation To Work (Asian Alone)		35	193-198
B08105E	Means Of Transportation To Work (Native Hawaiian And Other Pacific Islander Alone)		35	98-104
C08105E	Means Of Transportation To Work (Native Hawaiian And Other Pacific Islander Alone)		35	199-204
B08105F	Means Of Transportation To Work (Some Other Race Alone)		35	105-111
C08105F	Means Of Transportation To Work (Some Other Race Alone)		35	205-210
B08105G	Means Of Transportation To Work (Two Or More Races)		35	112-118
C08105G	Means Of Transportation To Work (Two Or More Races)		35	211-216
B08105H	Means Of Transportation To Work (White Alone, Not Hispanic Or Latino)		35	119-125
C08105H	Means Of Transportation To Work (White Alone, Not Hispanic Or Latino)		35	217-222
B08105I	Means Of Transportation To Work (Hispanic Or Latino)		35	126-132
C08105I	Means Of Transportation To Work (Hispanic Or Latino)		35	223-228
B08111	Means Of Transportation To Work By Citizenship Status		36	7-41

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C08111	Means Of Transportation To Work By Citizenship Status		36	98-127
B08113	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English		36	42-97
C08113	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English		36	128-157
B08119	Means Of Transportation To Work By Workers' Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		37	7-69
C08119	Means Of Transportation To Work By Workers' Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		37	105-158
B08121	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Means Of Transportation To Work		37	70-76
B08122	Means Of Transportation To Work By Poverty Status In The Past 12 Months		37	77-104
C08122	Means Of Transportation To Work By Poverty Status In The Past 12 Months		37	159-182
B08124	Means Of Transportation To Work By Occupation		38	7-55
C08124	Means Of Transportation To Work By Occupation		38	126-167
B08126	Means Of Transportation To Work By Industry		39	7-111
C08126	Means Of Transportation To Work By Industry		39	112-195
B08128	Means Of Transportation To Work By Class Of Worker		38	56-125
C08128	Means Of Transportation To Work By Class Of Worker		38	168-197
B08130	Means Of Transportation To Work By Place Of Work--State And County Level		40	7-37
C08130	Means Of Transportation To Work By Place Of Work--State And County Level		40	148-173
B08131	Aggregate Travel Time To Work (In Minutes) Of Workers By Place Of Work--State And County Level		40	38-42
B08132	Means Of Transportation To Work By Time Leaving Home To Go To Work		40	43-132
C08132	Means Of Transportation To Work By Time Leaving Home To Go To Work		40	174-228
B08133	Aggregate Travel Time To Work (In Minutes) Of Workers By Time Leaving Home To Go To Work		40	133-147
C08133	Aggregate Travel Time To Work (In Minutes) Of Workers By Time Leaving Home To Go To Work		40	229-239
B08134	Means Of Transportation To Work By Travel Time To Work		41	7-126
C08134	Means Of Transportation To Work By Travel Time To Work		41	170-219
B08135	Aggregate Travel Time To Work (In Minutes) Of Workers By Travel Time To Work		41	127-136
B08136	Aggregate Travel Time To Work (In Minutes) Of Workers By Means Of Transportation To Work		41	137-148
C08136	Aggregate Travel Time To Work (In Minutes) Of Workers By Means Of Transportation To Work		41	220-224
B08137	Means Of Transportation To Work By Tenure		41	149-169
C08137	Means Of Transportation To Work By Tenure		41	225-242
B08141	Means Of Transportation To Work By Vehicles Available		42	7-41
C08141	Means Of Transportation To Work By Vehicles Available		42	145-174
B08201	Household Size By Vehicles Available		42	42-71
C08201	Household Size By Vehicles Available		42	175-199
B08202	Household Size By Number Of Workers In Household		42	72-93
C08202	Household Size By Number Of Workers In Household		42	200-208
B08203	Number Of Workers In Household By Vehicles Available		42	94-123
C08203	Number Of Workers In Household By Vehicles Available		42	209-233
B08301	Means Of Transportation To Work		42	124-144

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C08301	Means Of Transportation To Work		42	234-244
B08302	Time Leaving Home To Go To Work		43	7-21
C08302	Time Leaving Home To Go To Work		43	35-45
B08303	Travel Time To Work		43	22-34
C08303	Travel Time To Work		43	46-55
B08406	Sex Of Workers By Means Of Transportation To Work For Workplace Geography	Place of Work Only	3	7-57
C08406	Sex Of Workers By Means Of Transportation To Work For Workplace Geography	Place of Work Only	3	132-164
B08412	Sex Of Workers By Travel Time To Work For Workplace Geography	Place of Work Only	3	58-96
C08412	Sex Of Workers By Travel Time To Work For Workplace Geography	Place of Work Only	3	165-194
B08501	Means Of Transportation To Work By Age For Workplace Geography	Place of Work Only	4	7-62
C08501	Means Of Transportation To Work By Age For Workplace Geography	Place of Work Only	4	133-174
B08503	Median Age By Means Of Transportation To Work For Workplace Geography	Place of Work Only	4	63-69
B08505A	Means Of Transportation To Work For Workplace Geography (White Alone)	Place of Work Only	4	70-76
C08505A	Means Of Transportation To Work For Workplace Geography (White Alone)	Place of Work Only	4	175-180
B08505B	Means Of Transportation To Work For Workplace Geography (Black Or African American Alone)	Place of Work Only	4	77-83
C08505B	Means Of Transportation To Work For Workplace Geography (Black Or African American Alone)	Place of Work Only	4	181-186
B08505C	Means Of Transportation To Work For Workplace Geography (American Indian And Alaska Native Alone)	Place of Work Only	4	84-90
C08505C	Means Of Transportation To Work For Workplace Geography (American Indian And Alaska Native Alone)	Place of Work Only	4	187-192
B08505D	Means Of Transportation To Work For Workplace Geography (Asian Alone)	Place of Work Only	4	91-97
C08505D	Means Of Transportation To Work For Workplace Geography (Asian Alone)	Place of Work Only	4	193-198
B08505E	Means Of Transportation To Work For Workplace Geography (Native Hawaiian And Other Pacific Islander Alone)	Place of Work Only	4	98-104
C08505E	Means Of Transportation To Work For Workplace Geography (Native Hawaiian And Other Pacific Islander Alone)	Place of Work Only	4	199-204
B08505F	Means Of Transportation To Work For Workplace Geography (Some Other Race Alone)	Place of Work Only	4	105-111
C08505F	Means Of Transportation To Work For Workplace Geography (Some Other Race Alone)	Place of Work Only	4	205-210
B08505G	Means Of Transportation To Work For Workplace Geography (Two Or More Races)	Place of Work Only	4	112-118
C08505G	Means Of Transportation To Work For Workplace Geography (Two Or More Races)	Place of Work Only	4	211-216
B08505H	Means Of Transportation To Work For Workplace Geography (White Alone, Not Hispanic Or Latino)	Place of Work Only	4	119-125
C08505H	Means Of Transportation To Work For Workplace Geography (White Alone, Not Hispanic Or Latino)	Place of Work Only	4	217-222
B08505I	Means Of Transportation To Work For Workplace Geography (Hispanic Or Latino)	Place of Work Only	4	126-132
C08505I	Means Of Transportation To Work For Workplace Geography (Hispanic Or Latino)	Place of Work Only	4	223-228
B08511	Means Of Transportation To Work By Citizenship Status For Workplace Geography	Place of Work Only	3	97-131
C08511	Means Of Transportation To Work By Citizenship Status For Workplace Geography	Place of Work Only	3	195-224
B08513	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English For Workplace Geography	Place of Work Only	5	7-62
C08513	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English For Workplace Geography	Place of Work Only	5	126-155

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B08519	Means Of Transportation To Work By Workers' Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Workplace Geography	Place of Work Only	5	63-125
C08519	Means Of Transportation To Work By Workers' Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Workplace Geography	Place of Work Only	5	156-209
B08521	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Means Of Transportation To Work For Workplace Geography	Place of Work Only	6	7-13
B08522	Means Of Transportation To Work By Poverty Status In The Past 12 Months For Workplace Geography	Place of Work Only	6	14-41
C08522	Means Of Transportation To Work By Poverty Status In The Past 12 Months For Workplace Geography	Place of Work Only	6	91-114
B08524	Means Of Transportation To Work By Occupation For Workplace Geography	Place of Work Only	6	42-90
C08524	Means Of Transportation To Work By Occupation For Workplace Geography	Place of Work Only	6	115-156
B08526	Means Of Transportation To Work By Industry For Workplace Geography	Place of Work Only	7	7-111
C08526	Means Of Transportation To Work By Industry For Workplace Geography	Place of Work Only	7	112-195
B08528	Means Of Transportation To Work By Class Of Worker For Workplace Geography	Place of Work Only	8	7-76
C08528	Means Of Transportation To Work By Class Of Worker For Workplace Geography	Place of Work Only	8	167-196
B08532	Means Of Transportation To Work By Time Arriving At Work From Home For Workplace Geography	Place of Work Only	8	77-166
C08532	Means Of Transportation To Work By Time Arriving At Work From Home For Workplace Geography	Place of Work Only	8	197-251
B08534	Means Of Transportation To Work By Travel Time To Work For Workplace Geography	Place of Work Only	9	7-126
C08534	Means Of Transportation To Work By Travel Time To Work For Workplace Geography	Place of Work Only	9	160-209
B08536	Aggregate Travel Time To Work (In Minutes) Of Workers By Means Of Transportation To Work For Workplace Geography	Place of Work Only	9	127-138
C08536	Aggregate Travel Time To Work (In Minutes) Of Workers By Means Of Transportation To Work For Workplace Geography	Place of Work Only	9	210-214
B08537	Means Of Transportation To Work By Tenure For Workplace Geography	Place of Work Only	9	139-159
C08537	Means Of Transportation To Work By Tenure For Workplace Geography	Place of Work Only	9	215-232
B08541	Means Of Transportation To Work By Vehicles Available For Workplace Geography	Place of Work Only	10	7-41
C08541	Means Of Transportation To Work By Vehicles Available For Workplace Geography	Place of Work Only	10	91-120
B08601	Means Of Transportation To Work For Workplace Geography	Place of Work Only	10	42-62
C08601	Means Of Transportation To Work For Workplace Geography	Place of Work Only	10	121-131
B08602	Time Arriving At Work From Home For Workplace Geography	Place of Work Only	10	63-77
C08602	Time Arriving At Work From Home For Workplace Geography	Place of Work Only	10	132-142
B08603	Travel Time To Work For Workplace Geography	Place of Work Only	10	78-90
C08603	Travel Time To Work For Workplace Geography	Place of Work Only	10	143-152
B09001	Population Under 18 Years By Age		44	7-16
B09002	Own Children Under 18 Years By Family Type And Age		44	17-36
B09005	Household Type For Children Under 18 Years In Households (Excluding Householders, Spouses, And Unmarried Partners)		44	37-42
B09006	Relationship To Householder For Children Under 18 Years In Households		44	43-47
B09008	Presence Of Unmarried Partner Of Householder By Household Type For Children Under 18 Years In Households		44	48-59
C09008	Presence Of Unmarried Partner Of Householder For Children Under 18 Years In Households		44	193-195

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B09010	Receipt Of Supplemental Security Income (Ssi), Cash Public Assistance Income, Or Food Stamps/Snap In The Past 12 Months By Household Type For Children Under 18 Years In Households		44	60-72
B09016	Household Type (Including Living Alone) By Relationship		44	73-105
C09016	Household Type (Including Living Alone) By Relationship		44	196-224
B09017	Relationship By Household Type (Including Living Alone) For The Population 65 Years And Over		44	106-125
B09018	Relationship To Householder For Children Under 18 Years In Households		44	126-133
B09019	Household Type (Including Living Alone) By Relationship		44	134-171
B09020	Relationship By Household Type (Including Living Alone) For The Population 65 Years And Over		44	172-192
B10001	Grandchildren Under 18 Years Living With A Grandparent Householder By Age Of Grandchild		45	7-10
B10002	Grandchildren Under 18 Years Living With A Grandparent Householder By Grandparent Responsibility And Presence Of Parent		45	11-15
B10010	Median Family Income For Families With Grandparent Householders And/Or Spouses Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Presence Of Parent Of Grandchild		45	16-18
B10050	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren By Length Of Time Responsible For Own Grandchildren For The Population 30 Years And Over		45	19-28
B10051	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren By Presence Of Parent Of Grandchildren And Age Of Grandparent		45	29-39
B10051A	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (White Alone)		45	40-46
B10051B	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Black Or African American Alone)		45	47-53
B10051C	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (American Indian And Alaska Native Alone)		45	54-60
B10051D	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Asian Alone)		45	61-67
B10051E	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Native Hawaiian And Other Pacific Islander Alone)		45	68-74
B10051F	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Some Other Race Alone)		45	75-81
B10051G	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Two Or More Races)		45	82-88
B10051H	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (White Alone, Not Hispanic Or Latino)		45	89-95
B10051I	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Hispanic Or Latino)		45	96-102
B10052	Disability Status Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	103-113
B10053	Nativity By Grandparents Responsible For Own Grandchildren Under 18 Years By Age Of Grandparent		45	114-124
B10054	Language And Ability To Speak English Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	125-141
B10056	Sex Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	142-152
B10057	Marital Status By Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	153-163

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B10058	Employment Status Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	164-174
B10059	Poverty Status In The Past 12 Months Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	175-185
B10060	Units In Structure Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	186-201
B10061	Tenure Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		45	202-212
B10063	Households With Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Presence Of Parent Of Grandchildren		45	213-219
B11001	Household Type (Including Living Alone)		46	7-15
B11001A	Household Type (Including Living Alone) (White Alone)		46	16-24
C11001A	Household Type (White Alone)		46	184-188
B11001B	Household Type (Including Living Alone) (Black Or African American Alone)		46	25-33
C11001B	Household Type (Black Or African American Alone)		46	189-193
B11001C	Household Type (Including Living Alone) (American Indian And Alaska Native Alone)		46	34-42
C11001C	Household Type (American Indian And Alaska Native Alone)		46	194-198
B11001D	Household Type (Including Living Alone) (Asian Alone)		46	43-51
C11001D	Household Type (Asian Alone)		46	199-203
B11001E	Household Type (Including Living Alone) (Native Hawaiian And Other Pacific Islander Alone)		46	52-60
C11001E	Household Type (Native Hawaiian And Other Pacific Islander Alone)		46	204-208
B11001F	Household Type (Including Living Alone) (Some Other Race Alone)		46	61-69
C11001F	Household Type (Some Other Race Alone)		46	209-213
B11001G	Household Type (Including Living Alone) (Two Or More Races)		46	70-78
C11001G	Household Type (Two Or More Races)		46	214-218
B11001H	Household Type (Including Living Alone) (White Alone, Not Hispanic Or Latino)		46	79-87
C11001H	Household Type (White Alone, Not Hispanic Or Latino)		46	219-223
B11001I	Household Type (Including Living Alone) (Hispanic Or Latino)		46	88-96
C11001I	Household Type (Hispanic Or Latino)		46	224-228
B11002	Household Type By Relatives And Nonrelatives For Population In Households		47	7-18
B11002A	Household Type By Relatives And Nonrelatives For Population In Households (White Alone)		47	19-30
C11002A	Household Type For Population In Households (White Alone)		47	201-203
B11002B	Household Type By Relatives And Nonrelatives For Population In Households (Black Or African American Alone)		47	31-42
C11002B	Household Type For Population In Households (Black Or African American Alone)		47	204-206
B11002C	Household Type By Relatives And Nonrelatives For Population In Households (American Indian And Alaska Native Alone)		47	43-54
C11002C	Household Type For Population In Households (American Indian And Alaska Native Alone)		47	207-209
B11002D	Household Type By Relatives And Nonrelatives For Population In Households (Asian Alone)		47	55-66
C11002D	Household Type For Population In Households (Asian Alone)		47	210-212
B11002E	Household Type By Relatives And Nonrelatives For Population In Households (Native Hawaiian And Other Pacific Islander Alone)		47	67-78



Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C11002E	Household Type For Population In Households (Native Hawaiian And Other Pacific Islander Alone)		47	213-215
B11002F	Household Type By Relatives And Nonrelatives For Population In Households (Some Other Race Alone)		47	79-90
C11002F	Household Type For Population In Households (Some Other Race Alone)		47	216-218
B11002G	Household Type By Relatives And Nonrelatives For Population In Households (Two Or More Races)		47	91-102
C11002G	Household Type For Population In Households (Two Or More Races)		47	219-221
B11002H	Household Type By Relatives And Nonrelatives For Population In Households (White Alone, Not Hispanic Or Latino)		47	103-114
C11002H	Household Type For Population In Households (White Alone, Not Hispanic Or Latino)		47	222-224
B11002I	Household Type By Relatives And Nonrelatives For Population In Households (Hispanic Or Latino)		47	115-126
C11002I	Household Type For Population In Households (Hispanic Or Latino)		47	225-227
B11003	Family Type By Presence And Age Of Own Children Under 18 Years		47	127-146
B11004	Family Type By Presence And Age Of Related Children Under 18 Years		47	147-166
B11005	Households By Presence Of People Under 18 Years By Household Type		47	167-185
C11005	Households By Presence Of People Under 18 Years By Household Type		47	228-244
B11006	Households By Presence Of People 60 Years And Over By Household Type		47	186-200
B11007	Households By Presence Of People 65 Years And Over, Household Size And Household Type		46	97-107
B11009	Unmarried-Partner Households By Sex Of Partner		46	108-114
B11010	Nonfamily Households By Sex Of Householder By Living Alone By Age Of Householder		46	115-129
C11010	Nonfamily Households By Sex Of Householder By Living Alone By Age Of Householder		46	229-239
B11011	Household Type By Units In Structure		46	130-148
B11012	Household Type By Tenure		46	149-163
B11013	Subfamily Type By Presence Of Own Children Under 18 Years		46	164-169
C11013	Subfamily Type		46	240-242
B11014	Population In Subfamilies By Subfamily Type By Relationship		46	170-180
C11014	Population In Subfamilies By Subfamily Type		46	243-245
B11015	Households By Presence Of Nonrelatives		46	181-183
B11016	Household Type By Household Size		48	7-22
C11016	Household Type By Household Size		48	26-37
B11017	Multigenerational Households		48	23-25
B12001	Sex By Marital Status For The Population 15 Years And Over		49	7-25
B12002	Sex By Marital Status By Age For The Population 15 Years And Over		49	26-212
C12002	Sex By Marital Status By Age For The Population 15 Years And Over		50	124-196
B12002A	Sex By Marital Status For The Population 15 Years And Over (White Alone)		50	7-19
C12002A	Marital Status For The Population 15 Years And Over (White Alone)		50	197-202
B12002B	Sex By Marital Status For The Population 15 Years And Over (Black Or African American Alone)		50	20-32
C12002B	Marital Status For The Population 15 Years And Over (Black Or African American Alone)		50	203-208
B12002C	Sex By Marital Status For The Population 15 Years And Over (American Indian And Alaska Native Alone)		50	33-45

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C12002C	Marital Status For The Population 15 Years And Over (American Indian And Alaska Native Alone)		50	209-214
B12002D	Sex By Marital Status For The Population 15 Years And Over (Asian Alone)		50	46-58
C12002D	Marital Status For The Population 15 Years And Over (Asian Alone)		50	215-220
B12002E	Sex By Marital Status For The Population 15 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		50	59-71
C12002E	Marital Status For The Population 15 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		50	221-226
B12002F	Sex By Marital Status For The Population 15 Years And Over (Some Other Race Alone)		50	72-84
C12002F	Marital Status For The Population 15 Years And Over (Some Other Race Alone)		50	227-232
B12002G	Sex By Marital Status For The Population 15 Years And Over (Two Or More Races)		50	85-97
C12002G	Marital Status For The Population 15 Years And Over (Two Or More Races)		50	233-238
B12002H	Sex By Marital Status For The Population 15 Years And Over (White Alone, Not Hispanic Or Latino)		50	98-110
C12002H	Marital Status For The Population 15 Years And Over (White Alone, Not Hispanic Or Latino)		50	239-244
B12002I	Sex By Marital Status For The Population 15 Years And Over (Hispanic Or Latino)		50	111-123
C12002I	Marital Status For The Population 15 Years And Over (Hispanic Or Latino)		50	245-250
B12005	Marital Status By Nativity		51	7-22
B12006	Marital Status By Sex By Labor Force Participation		51	23-78
B12007	Median Age At First Marriage		51	79-80
B12007A	Median Age At First Marriage (White Alone)	Nation and State Only	51	81-82
B12007B	Median Age At First Marriage (Black Or African American Alone)	National Level Only	51	83-84
B12007C	Median Age At First Marriage (American Indian And Alaska Native Alone)	National Level Only	51	85-86
B12007D	Median Age At First Marriage (Asian Alone)	National Level Only	51	87-88
B12007E	Median Age At First Marriage (Native Hawaiian And Other Pacific Islander Alone)	National Level Only	51	89-90
B12007F	Median Age At First Marriage (Some Other Race Alone)	National Level Only	51	91-92
B12007G	Median Age At First Marriage (Two Or More Races)	National Level Only	51	93-94
B12007H	Median Age At First Marriage (White Alone, Not Hispanic Or Latino)	National Level Only	51	95-96
B12007I	Median Age At First Marriage (Hispanic Or Latino)	National Level Only	51	97-98
B12501	Marriages In The Last Year By Sex By Marital Status For The Population 15 Years And Over		51	99-109
B12502	Marriages Ending In Widowhood In The Last Year By Sex By Marital Status For The Population 15 Years And Over		51	110-120
B12503	Divorces In The Last Year By Sex By Marital Status For The Population 15 Years And Over		51	121-131
B12504	Median Duration Of Current Marriage In Years By Sex By Marital Status For The Married Population 15 Years And Over		51	132-140
B12505	Number Of Times Married By Sex By Marital Status For The Population 15 Years And Over		51	141-153
B13001	Marital Status By Age For Women 15 To 50 Years		52	7-15
B13002	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Age		52	16-34
B13002A	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (White Alone)		52	35-41
B13002B	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Black Or African American Alone)		52	42-48

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B13002C	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (American Indian And Alaska Native Alone)		52	49-55
B13002D	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Asian Alone)		52	56-62
B13002E	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Native Hawaiian And Other Pacific Islander Alone)		52	63-69
B13002F	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Some Other Race Alone)		52	70-76
B13002G	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Two Or More Races)		52	77-83
B13002H	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (White Alone, Not Hispanic Or Latino)		52	84-90
B13002I	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Hispanic Or Latino)		52	91-97
B13004	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Presence Of Unmarried Partner		52	98-108
C13004	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status		52	217-223
B13008	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Nativity		52	109-123
B13010	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Poverty Status In The Past 12 Months		52	124-142
B13012	Women 16 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Labor Force Status		52	143-157
B13014	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Educational Attainment		52	158-184
B13015	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Receipt Of Public Assistance Income In The Past 12 Months		52	185-199
B13016	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Age		52	200-216
B14001	School Enrollment By Level Of School For The Population 3 Years And Over		53	7-16
B14002	Sex By School Enrollment By Level Of School By Type Of School For The Population 3 Years And Over		53	17-65
C14002	School Enrollment By Level Of School By Type Of School For The Population 3 Years And Over		53	185-208
B14003	Sex By School Enrollment By Type Of School By Age For The Population 3 Years And Over		53	66-122
C14003	School Enrollment By Type Of School By Age For The Population 3 Years And Over		53	209-236
B14004	Sex By College Or Graduate School Enrollment By Type Of School By Age For The Population 15 Years And Over		53	123-155
B14005	Sex By School Enrollment By Educational Attainment By Employment Status For The Population 16 To 19 Years		53	156-184
C14005	Sex By School Enrollment By Educational Attainment By Employment Status For The Population 16 To 19 Years		54	161-179
B14006	Poverty Status In The Past 12 Months By School Enrollment By Level Of School For The Population 3 Years And Over		54	7-27
C14006	Poverty Status In The Past 12 Months By School Enrollment By Level Of School For The Population 3 Years And Over		54	180-196
B14007	School Enrollment By Level Of School For The Population 3 Years And Over		54	28-46
B14007A	School Enrollment By Level Of School For The Population 3 Years And Over (White Alone)		54	47-65
C14007A	School Enrollment By Level Of School For The Population 3 Years And Over (White Alone)		54	197-203
B14007B	School Enrollment By Level Of School For The Population 3 Years And Over (Black Or African American Alone)		54	66-84
C14007B	School Enrollment By Level Of School For The Population 3 Years And Over (Black Or African American Alone)		54	204-210

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B14007C	School Enrollment By Level Of School For The Population 3 Years And Over (American Indian And Alaska Native Alone)		54	85-103
C14007C	School Enrollment By Level Of School For The Population 3 Years And Over (American Indian And Alaska Native Alone)		54	211-217
B14007D	School Enrollment By Level Of School For The Population 3 Years And Over (Asian Alone)		54	104-122
C14007D	School Enrollment By Level Of School For The Population 3 Years And Over (Asian Alone)		54	218-224
B14007E	School Enrollment By Level Of School For The Population 3 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		54	123-141
C14007E	School Enrollment By Level Of School For The Population 3 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		54	225-231
B14007F	School Enrollment By Level Of School For The Population 3 Years And Over (Some Other Race Alone)		54	142-160
C14007F	School Enrollment By Level Of School For The Population 3 Years And Over (Some Other Race Alone)		54	232-238
B14007G	School Enrollment By Level Of School For The Population 3 Years And Over (Two Or More Races)		55	7-25
C14007G	School Enrollment By Level Of School For The Population 3 Years And Over (Two Or More Races)		55	64-70
B14007H	School Enrollment By Level Of School For The Population 3 Years And Over (White Alone, Not Hispanic Or Latino)		55	26-44
C14007H	School Enrollment By Level Of School For The Population 3 Years And Over (White Alone, Not Hispanic Or Latino)		55	71-77
B14007I	School Enrollment By Level Of School For The Population 3 Years And Over (Hispanic Or Latino)		55	45-63
C14007I	School Enrollment By Level Of School For The Population 3 Years And Over (Hispanic Or Latino)		55	78-84
B15001	Sex By Age By Educational Attainment For The Population 18 Years And Over		56	7-89
C15001	Sex By Age By Educational Attainment For The Population 18 Years And Over		56	163-215
B15002	Sex By Educational Attainment For The Population 25 Years And Over		56	90-124
C15002	Sex By Educational Attainment For The Population 25 Years And Over		56	216-232
B15002A	Sex By Educational Attainment For The Population 25 Years And Over (White Alone)		56	125-143
C15002A	Sex By Educational Attainment For The Population 25 Years And Over (White Alone)		56	233-243
B15002B	Sex By Educational Attainment For The Population 25 Years And Over (Black Or African American Alone)		56	144-162
C15002B	Sex By Educational Attainment For The Population 25 Years And Over (Black Or African American Alone)		57	140-150
B15002C	Sex By Educational Attainment For The Population 25 Years And Over (American Indian And Alaska Native Alone)		57	7-25
C15002C	Sex By Educational Attainment For The Population 25 Years And Over (American Indian And Alaska Native Alone)		57	151-161
B15002D	Sex By Educational Attainment For The Population 25 Years And Over (Asian Alone)		57	26-44
C15002D	Sex By Educational Attainment For The Population 25 Years And Over (Asian Alone)		57	162-172
B15002E	Sex By Educational Attainment For The Population 25 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		57	45-63
C15002E	Sex By Educational Attainment For The Population 25 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		57	173-183
B15002F	Sex By Educational Attainment For The Population 25 Years And Over (Some Other Race Alone)		57	64-82
C15002F	Sex By Educational Attainment For The Population 25 Years And Over (Some Other Race Alone)		57	184-194

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B15002G	Sex By Educational Attainment For The Population 25 Years And Over (Two Or More Races)		57	83-101
C15002G	Sex By Educational Attainment For The Population 25 Years And Over (Two Or More Races)		57	195-205
B15002H	Sex By Educational Attainment For The Population 25 Years And Over (White Alone, Not Hispanic Or Latino)		57	102-120
C15002H	Sex By Educational Attainment For The Population 25 Years And Over (White Alone, Not Hispanic Or Latino)		57	206-216
B15002I	Sex By Educational Attainment For The Population 25 Years And Over (Hispanic Or Latino)		57	121-139
C15002I	Sex By Educational Attainment For The Population 25 Years And Over (Hispanic Or Latino)		57	217-227
B15003	Educational Attainment For The Population 25 Years And Over		58	7-31
C15003	Educational Attainment For The Population 25 Years And Over		58	103-120
B15010	Detailed Field Of Bachelor's Degree For First Major For The Population 25 Years And Over		58	32-47
C15010	Field Of Bachelor's Degree For First Major For The Population 25 Years And Over		58	121-126
C15010A	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (White Alone)		58	127-132
C15010B	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (Black Or African American Alone)		58	133-138
C15010C	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (American Indian And Alaska Native Alone)		58	139-144
C15010D	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (Asian Alone)		58	145-150
C15010E	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		58	151-156
C15010F	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (Some Other Race Alone)		58	157-162
C15010G	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (Two Or More Races)		58	163-168
C15010H	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (White Alone, Not Hispanic Or Latino)		58	169-174
C15010I	Field Of Bachelor's Degree For First Major The Population 25 Years And Over (Hispanic Or Latino)		58	175-180
B15011	Sex By Age By Field Of Bachelor's Degree For First Major For The Population 25 Years And Over		58	48-86
B15012	Total Fields Of Bachelor's Degrees Reported		58	87-102
B16001	Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		59	7-125
C16001	Language Spoken At Home For The Population 5 Years And Over		59	230-242
B16002	Household Language By Households In Which No One 14 And Over Speaks English Only Or Speaks A Language Other Than English At Home And Speaks English "Very Well"		60	7-20
B16003	Age By Language Spoken At Home For The Population 5 Years And Over In Households In Which No One 14 And Over Speaks English Only Or Speaks A Language Other Than English At Home And Speaks English "Ver		60	21-32
C16003	Age By Language Spoken At Home For The Population 5 Years And Over In Households In Which No One 14 And Over Speaks English Only Or Speaks A Language Other Than English At Home And Speaks English "Ver		60	167-174
B16004	Age By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		60	33-99
C16004	Age By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		60	175-217
B16005	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		60	100-144

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C16005	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over		60	218-246
B16005A	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (White Alone)		60	145-155
B16005B	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Black Or African American Alone)		60	156-166
B16005C	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (American Indian And Alaska Native Alone)		59	126-136
B16005D	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Asian Alone)		59	137-147
B16005E	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		59	148-158
B16005F	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Some Other Race Alone)		59	159-169
B16005G	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Two Or More Races)		59	170-180
B16005H	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (White Alone, Not Hispanic Or Latino)		59	181-191
B16005I	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Hispanic Or Latino)		59	192-202
B16006	Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Hispanic Or Latino)		59	203-210
C16006	Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Hispanic Or Latino)		59	243-248
B16007	Age By Language Spoken At Home For The Population 5 Years And Over		59	211-229
C16007	Age By Language Spoken At Home For The Population 5 Years And Over		61	128-140
B16008	Citizenship Status By Age By Language Spoken At Home For The Population 5 Years And Over		61	7-47
C16008	Citizenship Status By Language Spoken At Home For The Population 5 Years And Over		61	141-160
B16009	Poverty Status In The Past 12 Months By Age By Language Spoken At Home For The Population 5 Years And Over		61	48-74
C16009	Poverty Status In The Past 12 Months By Language Spoken At Home For The Population 5 Years And Over		61	161-173
B16010	Educational Attainment And Employment Status By Language Spoken At Home For The Population 25 Years And Over		61	75-127
C16010	Educational Attainment And Employment Status By Language Spoken At Home For The Population 25 Years And Over		61	174-210
B17001	Poverty Status In The Past 12 Months By Sex By Age		62	7-65
C17001	Poverty Status In The Past 12 Months By Sex By Age		62	184-202
B17001A	Poverty Status In The Past 12 Months By Sex By Age (White Alone)		62	66-124
C17001A	Poverty Status In The Past 12 Months By Sex By Age (White Alone)		62	203-221
B17001B	Poverty Status In The Past 12 Months By Sex By Age (Black Or African American Alone)		62	125-183
C17001B	Poverty Status In The Past 12 Months By Sex By Age (Black Or African American Alone)		62	222-240
B17001C	Poverty Status In The Past 12 Months By Sex By Age (American Indian And Alaska Native Alone)		63	7-65
C17001C	Poverty Status In The Past 12 Months By Sex By Age (American Indian And Alaska Native Alone)		63	184-202
B17001D	Poverty Status In The Past 12 Months By Sex By Age (Asian Alone)		63	66-124
C17001D	Poverty Status In The Past 12 Months By Sex By Age (Asian Alone)		63	203-221
B17001E	Poverty Status In The Past 12 Months By Sex By Age (Native Hawaiian And Other Pacific Islander Alone)		63	125-183

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C17001E	Poverty Status In The Past 12 Months By Sex By Age (Native Hawaiian And Other Pacific Islander Alone)		63	222-240
B17001F	Poverty Status In The Past 12 Months By Sex By Age (Some Other Race Alone)		64	7-65
C17001F	Poverty Status In The Past 12 Months By Sex By Age (Some Other Race Alone)		64	184-202
B17001G	Poverty Status In The Past 12 Months By Sex By Age (Two Or More Races)		64	66-124
C17001G	Poverty Status In The Past 12 Months By Sex By Age (Two Or More Races)		64	203-221
B17001H	Poverty Status In The Past 12 Months By Sex By Age (White Alone, Not Hispanic Or Latino)		64	125-183
C17001H	Poverty Status In The Past 12 Months By Sex By Age (White Alone, Not Hispanic Or Latino)		64	222-240
B17001I	Poverty Status In The Past 12 Months By Sex By Age (Hispanic Or Latino)		65	7-65
C17001I	Poverty Status In The Past 12 Months By Sex By Age (Hispanic Or Latino)		65	173-191
B17002	Ratio Of Income To Poverty Level In The Past 12 Months		65	66-78
C17002	Ratio Of Income To Poverty Level In The Past 12 Months		65	192-199
B17003	Poverty Status In The Past 12 Months Of Individuals By Sex By Educational Attainment		65	79-101
C17003	Poverty Status In The Past 12 Months Of Individuals By Educational Attainment		65	200-210
B17004	Poverty Status In The Past 12 Months Of Individuals By Sex By Work Experience		65	102-120
C17004	Poverty Status In The Past 12 Months Of Individuals By Work Experience		65	211-219
B17005	Poverty Status In The Past 12 Months Of Individuals By Sex By Employment Status		65	121-143
B17006	Poverty Status In The Past 12 Months Of Related Children Under 18 Years By Family Type By Age Of Related Children Under 18 Years		65	144-172
C17006	Poverty Status In The Past 12 Months Of Related Children Under 18 Years By Family Type		65	220-226
B17007	Poverty Status In The Past 12 Months Of Unrelated Individuals 15 Years And Over By Sex By Age		66	7-49
C17007	Poverty Status In The Past 12 Months Of Unrelated Individuals 15 Years And Over By Sex		66	197-203
B17008	Aggregate Income Deficit (Dollars) In The Past 12 Months Of Unrelated Individuals By Sex		66	50-52
B17009	Poverty Status By Work Experience Of Unrelated Individuals By Householder Status		66	53-73
C17009	Poverty Status By Work Experience Of Unrelated Individuals		66	204-212
B17010	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children		66	74-114
C17010	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years		66	213-229
B17010A	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (White Alone Householder)		66	115-155
C17010A	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (White Alone Householder)		66	230-246
B17010B	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Black Or African American Alone Householder)		66	156-196
C17010B	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Black Or African American Alone Householder)		67	171-187
B17010C	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (American Indian And Alaska Native Alone)		67	7-47



Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C17010C	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (American Indian And Alaska Native Alone)		67	188-204
B17010D	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Asian Alone Householder)		67	48-88
C17010D	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Asian Alone Householder)		67	205-221
B17010E	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Native Hawaiian And Other Pacific Islander Alone Householder)		67	89-129
C17010E	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Native Hawaiian And Other Pacific Islander Alone Householder)		67	222-238
B17010F	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Some Other Race Alone Householder)		67	130-170
C17010F	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Some Other Race Alone Householder)		68	170-186
B17010G	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Two Or More Races Householder)		68	7-47
C17010G	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Two Or More Races Householder)		68	187-203
B17010H	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (White Alone, Not Hispanic Or Latino Householder)		68	48-88
C17010H	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (White Alone, Not Hispanic Or Latino Householder)		68	204-220
B17010I	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children (Hispanic Or Latino)		68	89-129
C17010I	Poverty Status In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years (Hispanic Or Latino)		68	221-237
B17011	Aggregate Income Deficit (Dollars) In The Past 12 Months For Families By Family Type		68	130-134
B17012	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Related Children Under 18 Years		68	135-169
C17012	Poverty Status In The Past 12 Months Of Families By Number Of Related Children Under 18 Years		68	238-248
B17013	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Persons In Family		69	7-41
C17013	Poverty Status In The Past 12 Months Of Families By Number Of Persons In Family		69	171-181
B17014	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Workers In Family		69	42-76
C17014	Poverty Status In The Past 12 Months Of Families By Number Of Workers In Family		69	182-192
B17015	Poverty Status In The Past 12 Months Of Families By Family Type By Social Security Income By Supplemental Security Income (Ssi) And Cash Public Assistance Income		69	77-123
C17015	Poverty Status In The Past 12 Months Of Families By Social Security Income By Supplemental Security Income (Ssi) And Public Assistance Income		69	193-207
B17016	Poverty Status In The Past 12 Months Of Families By Family Type By Work Experience Of Householder And Spouse		69	124-170
C17016	Poverty Status In The Past 12 Months Of Families By Work Experience Of Householder		69	208-216
B17017	Poverty Status In The Past 12 Months By Household Type By Age Of Householder		70	7-65

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C17017	Poverty Status In The Past 12 Months By Household Type		70	175-193
B17018	Poverty Status In The Past 12 Months Of Families By Household Type By Educational Attainment Of Householder		70	66-100
C17018	Poverty Status In The Past 12 Months Of Families By Educational Attainment Of Householder		70	194-204
B17019	Poverty Status In The Past 12 Months Of Families By Household Type By Tenure		70	101-123
C17019	Poverty Status In The Past 12 Months Of Families By Tenure		70	205-211
B17020A	Poverty Status In The Past 12 Months By Age (White Alone)		70	124-140
C17020A	Poverty Status In The Past 12 Months By Age (White Alone)		70	212-220
B17020B	Poverty Status In The Past 12 Months By Age (Black Or African American Alone)		70	141-157
C17020B	Poverty Status In The Past 12 Months By Age (Black Or African American Alone)		70	221-229
B17020C	Poverty Status In The Past 12 Months By Age (American Indian And Alaska Native Alone)		70	158-174
C17020C	Poverty Status In The Past 12 Months By Age (American Indian And Alaska Native Alone)		70	230-238
B17020D	Poverty Status In The Past 12 Months By Age (Asian Alone)		71	7-23
C17020D	Poverty Status In The Past 12 Months By Age (Asian Alone)		71	144-152
B17020E	Poverty Status In The Past 12 Months By Age (Native Hawaiian And Other Pacific Islander Alone)		71	24-40
C17020E	Poverty Status In The Past 12 Months By Age (Native Hawaiian And Other Pacific Islander Alone)		71	153-161
B17020F	Poverty Status In The Past 12 Months By Age (Some Other Race Alone)		71	41-57
C17020F	Poverty Status In The Past 12 Months By Age (Some Other Race Alone)		71	162-170
B17020G	Poverty Status In The Past 12 Months By Age (Two Or More Races)		71	58-74
C17020G	Poverty Status In The Past 12 Months By Age (Two Or More Races)		71	171-179
B17020H	Poverty Status In The Past 12 Months By Age (White Alone, Not Hispanic Or Latino)		71	75-91
C17020H	Poverty Status In The Past 12 Months By Age (White Alone, Not Hispanic Or Latino)		71	180-188
B17020I	Poverty Status In The Past 12 Months By Age (Hispanic Or Latino)		71	92-108
C17020I	Poverty Status In The Past 12 Months By Age (Hispanic Or Latino)		71	189-197
B17021	Poverty Status Of Individuals In The Past 12 Months By Living Arrangement		71	109-143
C17021	Poverty Status Of Individuals In The Past 12 Months By Living Arrangement		71	198-212
B17022	Ratio Of Income To Poverty Level In The Past 12 Months Of Families By Family Type By Presence Of Related Children Under 18 Years By Age Of Related Children		72	7-87
C17022	Ratio Of Income To Poverty Level In The Past 12 Months Of Families By Family Type		72	123-143
B17023	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Own Children Under 18 Years		72	88-122
C17023	Poverty Status In The Past 12 Months Of Families By Household Type By Presence Of Own Children Under 18 Years		72	144-166
B17024	Age By Ratio Of Income To Poverty Level In The Past 12 Months		73	7-137
C17024	Age By Ratio Of Income To Poverty Level In The Past 12 Months		73	166-193
B17025	Poverty Status In The Past 12 Months By Nativity		73	138-152
C17025	Poverty Status In The Past 12 Months By Nativity		73	194-204
B17026	Ratio Of Income To Poverty Level Of Families In The Past 12 Months		73	153-165
C17026	Ratio Of Income To Poverty Level Of Families In The Past 12 Months		73	205-212

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B18101	Sex By Age By Disability Status		74	7-45
C18101	Sex By Age By Disability Status		74	175-195
B18101A	Age By Disability Status (White Alone)		74	46-55
B18101B	Age By Disability Status (Black Or African American Alone)		74	56-65
B18101C	Age By Disability Status (American Indian And Alaska Native Alone)		74	66-75
B18101D	Age By Disability Status (Asian Alone)		74	76-85
B18101E	Age By Disability Status (Native Hawaiian And Other Pacific Islander Alone)		74	86-95
B18101F	Age By Disability Status (Some Other Race Alone)		74	96-105
B18101G	Age By Disability Status (Two Or More Races)		74	106-115
B18101H	Age By Disability Status (White Alone, Not Hispanic Or Latino)		74	116-125
B18101I	Age By Disability Status (Hispanic Or Latino)		74	126-135
B18102	Sex By Age By Hearing Difficulty		74	136-174
C18102	Sex By Age By Hearing Difficulty		74	196-216
B18103	Sex By Age By Vision Difficulty		75	7-45
C18103	Sex By Age By Vision Difficulty		75	145-165
B18104	Sex By Age By Cognitive Difficulty		75	46-78
C18104	Sex By Age By Cognitive Difficulty		75	166-186
B18105	Sex By Age By Ambulatory Difficulty		75	79-111
C18105	Sex By Age By Ambulatory Difficulty		75	187-207
B18106	Sex By Age By Self-Care Difficulty		75	112-144
C18106	Sex By Age By Self-Care Difficulty		75	208-228
B18107	Sex By Age By Independent Living Difficulty		76	7-33
C18107	Sex By Age By Independent Living Difficulty		76	159-173
B18108	Age By Number Of Disabilities		76	34-58
C18108	Age By Number Of Disabilities		76	174-186
B18120	Employment Status By Disability Status And Type		76	59-87
C18120	Employment Status By Disability Status		76	187-197
B18121	Work Experience By Disability Status And Type		76	88-115
C18121	Work Experience By Disability Status		76	198-207
B18130	Age By Disability Status By Poverty Status		76	116-158
C18130	Age By Disability Status By Poverty Status		76	208-229
B18131	Age By Ratio Of Income To Poverty Level In The Past 12 Months By Disability Status And Type		77	7-120
C18131	Ratio Of Income To Poverty Level In The Past 12 Months By Disability Status		77	162-177
B18135	Age By Disability Status By Health Insurance Coverage Status		77	121-154
B18140	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Disability Status By Sex For The Civilian Noninstitutionalized Population 16 Years And Over With Earnings		77	155-161
B19001	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		78	7-23
C19001	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		78	127-137
B19001A	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		78	24-40

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
C19001A	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		78	138-148
B19001B	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		78	41-57
C19001B	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		78	149-159
B19001C	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		79	7-23
C19001C	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		79	154-164
B19001D	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		79	24-40
C19001D	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		79	165-175
B19001E	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		79	41-57
C19001E	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		79	176-186
B19001F	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		79	58-74
C19001F	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		79	187-197
B19001G	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		79	75-91
C19001G	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		79	198-208
B19001H	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		79	92-108
C19001H	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		79	209-219
B19001I	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		79	109-125
C19001I	Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		79	220-230
B19013	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		79	126-126
B19013A	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		79	127-127
B19013B	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		79	128-128
B19013C	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		79	129-129
B19013D	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		79	130-130
B19013E	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		79	131-131
B19013F	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		79	132-132
B19013G	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		79	133-133
B19013H	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		79	134-134
B19013I	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		79	135-135
B19019	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Household Size		79	136-143
B19025	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		79	144-144

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19025A	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		79	145-145
B19025B	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		79	146-146
B19025C	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		79	147-147
B19025D	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		79	148-148
B19025E	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		79	149-149
B19025F	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		79	150-150
B19025G	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		79	151-151
B19025H	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		79	152-152
B19025I	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		79	153-153
B19037	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		78	58-126
C19037	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		78	160-204
B19037A	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		80	7-75
C19037A	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		80	145-189
B19037B	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		80	76-144
C19037B	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		80	190-234
B19037C	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		81	7-75
C19037C	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		81	145-189
B19037D	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		81	76-144
C19037D	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		81	190-234
B19037E	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		82	7-75
C19037E	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		82	145-189
B19037F	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		82	76-144
C19037F	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		82	190-234
B19037G	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		83	7-75
C19037G	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		83	145-189
B19037H	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		83	76-144
C19037H	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		83	190-234

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19037I	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		84	7-75
C19037I	Age Of Householder By Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		84	177-221
B19049	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Age Of Householder		84	76-80
B19050	Aggregate Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Age Of Householder		84	81-85
B19051	Earnings In The Past 12 Months For Households		84	86-88
B19052	Wage Or Salary Income In The Past 12 Months For Households		84	89-91
B19053	Self-Employment Income In The Past 12 Months For Households		84	92-94
B19054	Interest, Dividends, Or Net Rental Income In The Past 12 Months For Households		84	95-97
B19055	Social Security Income In The Past 12 Months For Households		84	98-100
B19056	Supplemental Security Income (Ssi) In The Past 12 Months For Households		84	101-103
B19057	Public Assistance Income In The Past 12 Months For Households		84	104-106
B19058	Public Assistance Income Or Food Stamps/Snap In The Past 12 Months For Households		84	107-109
B19059	Retirement Income In The Past 12 Months For Households		84	110-112
B19060	Other Types Of Income In The Past 12 Months For Households		84	113-115
B19061	Aggregate Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	116-116
B19062	Aggregate Wage Or Salary Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	117-117
B19063	Aggregate Self-Employment Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	118-118
B19064	Aggregate Interest, Dividends, Or Net Rental Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	119-119
B19065	Aggregate Social Security Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	120-120
B19066	Aggregate Supplemental Security Income (Ssi) In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	121-121
B19067	Aggregate Public Assistance Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	122-122
B19069	Aggregate Retirement Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	123-123
B19070	Aggregate Other Types Of Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For Households		84	124-124
B19080	Household Income Quintile Upper Limits		84	125-129
B19081	Mean Household Income Of Quintiles		84	130-135
B19082	Shares Of Aggregate Household Income By Quintile		84	136-141
B19083	Gini Index Of Income Inequality		84	142-142
B19101	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		84	143-159
C19101	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		84	222-232
B19101A	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		84	160-176
C19101A	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		84	233-243
B19101B	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		85	7-23
C19101B	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		85	160-170

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19101C	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		85	24-40
C19101C	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		85	171-181
B19101D	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		85	41-57
C19101D	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		85	182-192
B19101E	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		85	58-74
C19101E	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		85	193-203
B19101F	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		85	75-91
C19101F	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		85	204-214
B19101G	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		85	92-108
C19101G	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		85	215-225
B19101H	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		85	109-125
C19101H	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		85	226-236
B19101I	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		85	126-142
C19101I	Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		85	237-247
B19113	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		85	143-143
B19113A	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		85	144-144
B19113B	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		85	145-145
B19113C	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		85	146-146
B19113D	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		85	147-147
B19113E	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		85	148-148
B19113F	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		85	149-149
B19113G	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races)		85	150-150
B19113H	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		85	151-151
B19113I	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		85	152-152
B19119	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Family Size		85	153-159
B19121	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Number Of Earners In Family		86	7-11
B19125	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Presence Of Own Children Under 18 Years		86	12-14
B19126	Median Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Family Type By Presence Of Own Children Under 18 Years		86	15-25
B19127	Aggregate Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		86	26-26

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19128	Aggregate Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Family Type By Presence Of Own Children Under 18 Years		86	27-37
B19129	Aggregate Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Number Of Workers In Family		86	38-44
B19130	Aggregate Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Family Type By Age Of Householder		86	45-73
B19131	Family Type By Presence Of Own Children Under 18 Years By Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		86	74-180
C19131	Family Type By Presence Of Own Children Under 18 Years By Family Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		86	181-251
B19201	Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		87	7-23
C19201	Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		87	187-197
B19202	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		87	24-24
B19202A	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone Householder)		87	25-25
B19202B	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone Householder)		87	26-26
B19202C	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone Householder)		87	27-27
B19202D	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone Householder)		87	28-28
B19202E	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone Householder)		87	29-29
B19202F	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone Householder)		87	30-30
B19202G	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races Householder)		87	31-31
B19202H	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino Householder)		87	32-32
B19202I	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino Householder)		87	33-33
B19214	Aggregate Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		87	34-34
B19215	Median Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex Of Householder By Living Alone By Age Of Householder		87	35-49
B19216	Aggregate Nonfamily Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex Of Householder By Living Alone By Age Of Householder		87	50-64
B19301	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		87	65-65
B19301A	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone)		87	66-66
B19301B	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Black Or African American Alone)		87	67-67
B19301C	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (American Indian And Alaska Native Alone)		87	68-68
B19301D	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Asian Alone)		87	69-69
B19301E	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Native Hawaiian And Other Pacific Islander Alone)		87	70-70
B19301F	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Some Other Race Alone)		87	71-71
B19301G	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Two Or More Races)		87	72-72
B19301H	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (White Alone, Not Hispanic Or Latino)		87	73-73



Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B19301I	Per Capita Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) (Hispanic Or Latino)		87	74-74
B19313	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars)		87	75-75
B19313A	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (White Alone)		87	76-76
B19313B	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Black Or African American Alone)		87	77-77
B19313C	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (American Indian And Alaska Native Alone)		87	78-78
B19313D	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Asian Alone)		87	79-79
B19313E	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		87	80-80
B19313F	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Some Other Race Alone)		87	81-81
B19313G	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Two Or More Races)		87	82-82
B19313H	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (White Alone, Not Hispanic Or Latino)		87	83-83
B19313I	Aggregate Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over (Hispanic Or Latino)		87	84-84
B19325	Sex By Work Experience In The Past 12 Months By Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 15 Years And Over		87	85-179
B19326	Median Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 15 Years And Over With Income		87	180-186
B20001	Sex By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over With Earnings In The Past 12 Months		88	7-49
B20002	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex For The Population 16 Years And Over With Earnings In The Past 12 Months		88	50-52
B20003	Aggregate Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience For The Population 16 Years And Over With Earnings		88	53-59
B20004	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Educational Attainment For The Population 25 Years And Over		88	60-77
B20005	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over		88	78-172
C20005	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over		88	173-211
B20005A	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (White Alone)		89	7-101
C20005A	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (White Alone)		89	197-235
B20005B	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Black Or African American Alone)		89	102-196
C20005B	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Black Or African American Alone)		90	102-140
B20005C	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (American Indian And Alaska Native Alone)		90	7-101
C20005C	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (American Indian And Alaska Native Alone)		90	141-179

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B20005D	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Asian Alone)		91	7-101
C20005D	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Asian Alone)		91	197-235
B20005E	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alo		91	102-196
C20005E	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alo		92	102-140
B20005F	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Some Other Race Alone)		92	7-101
C20005F	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Some Other Race Alone)		92	141-179
B20005G	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Two Or More Races)		93	7-101
C20005G	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Two Or More Races)		93	197-235
B20005H	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		93	102-196
C20005H	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		94	172-210
B20005I	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Hispanic Or Latino)		94	7-101
C20005I	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Population 16 Years And Over (Hispanic Or Latino)		94	211-249
B20017	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months		94	102-108
B20017A	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Whi		94	109-115
B20017B	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Bla		94	116-122
B20017C	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Ame		94	123-129
B20017D	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Asi		94	130-136
B20017E	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Nat		94	137-143
B20017F	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Som		94	144-150
B20017G	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Two		94	151-157

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B20017H	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Whi		94	158-164
B20017I	Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings (Hispanic Or Latino)		94	165-171
B21001	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over		95	7-45
B21001A	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone)		95	46-78
C21001A	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone)		95	178-192
B21001B	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Black Or African American Alone)		95	79-111
C21001B	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Black Or African American Alone)		95	193-207
B21001C	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (American Indian And Alaska Native Alone)		95	112-144
C21001C	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (American Indian And Alaska Native Alone)		95	208-222
B21001D	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Asian Alone)		95	145-177
C21001D	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Asian Alone)		95	223-237
B21001E	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		96	7-39
C21001E	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		96	172-186
B21001F	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Some Other Race Alone)		96	40-72
C21001F	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Some Other Race Alone)		96	187-201
B21001G	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Two Or More Races)		96	73-105
C21001G	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Two Or More Races)		96	202-216
B21001H	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone, Not Hispanic Or Latino)		96	106-138
C21001H	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone, Not Hispanic Or Latino)		96	217-231
B21001I	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Hispanic Or Latino)		96	139-171
C21001I	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Hispanic Or Latino)		96	232-246
B21002	Period Of Military Service For Civilian Veterans 18 Years And Over		97	7-22
B21003	Veteran Status By Educational Attainment For The Civilian Population 25 Years And Over		97	23-33
B21004	Median Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Veteran Status By Sex For The Civilian Population 18 Years And Over With Income		97	34-40
B21005	Age By Veteran Status By Employment Status For The Civilian Population 18 To 64 Years		97	41-74
C21005	Veteran Status By Employment Status For The Civilian Population 18 To 64 Years		97	145-155
B21007	Age By Veteran Status By Poverty Status In The Past 12 Months By Disability Status For The Civilian Population 18 Years And Over		97	75-135
C21007	Age By Veteran Status By Poverty Status In The Past 12 Months By Disability Status For The Civilian Population 18 Years And Over		97	156-186

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B21100	Service-Connected Disability-Rating Status And Ratings For Civilian Veterans 18 Years And Over		97	136-144
C21100	Service-Connected Disability-Rating Status For Civilian Veterans 18 Years And Over		97	187-189
B22001	Receipt Of Food Stamps/Snap In The Past 12 Months By Presence Of People 60 Years And Over For Households		98	7-13
C22001	Receipt Of Food Stamps/Snap In The Past 12 Months For Households		98	128-130
B22002	Receipt Of Food Stamps/Snap In The Past 12 Months By Presence Of Children Under 18 Years By Household Type For Households		98	14-40
C22002	Receipt Of Food Stamps/Snap In The Past 12 Months By Presence Of Children Under 18 Years For Households		98	131-137
B22003	Receipt Of Food Stamps/Snap In The Past 12 Months By Poverty Status In The Past 12 Months For Households		98	41-47
B22005A	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (White Alone)		98	48-50
B22005B	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Black Or African American Alone)		98	51-53
B22005C	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (American Indian And Alaska Native Alone)		98	54-56
B22005D	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Asian Alone)		98	57-59
B22005E	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Native Hawaiian And Other Pacific Islander Alone)		98	60-62
B22005F	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Some Other Race Alone)		98	63-65
B22005G	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Two Or More Races)		98	66-68
B22005H	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (White Alone, Not Hispanic Or Latino)		98	69-71
B22005I	Receipt Of Food Stamps/Snap In The Past 12 Months By Race Of Householder (Hispanic Or Latino)		98	72-74
B22007	Receipt Of Food Stamps/Snap In The Past 12 Months By Family Type By Number Of Workers In Family In The Past 12 Months		98	75-117
C22007	Receipt Of Food Stamps/Snap In The Past 12 Months By Family Type By Number Of Workers In Family In The Past 12 Months		98	138-166
B22008	Median Household Income In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) By Receipt Of Food Stamps/Snap In The Past 12 Months		98	118-120
B22010	Receipt Of Food Stamps/Snap In The Past 12 Months By Disability Status For Households		98	121-127
B23001	Sex By Age By Employment Status For The Population 16 Years And Over		99	7-179
C23001	Sex By Age By Employment Status For The Population 16 Years And Over		100	86-178
B23002A	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone)		100	7-85
C23002A	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone)		100	179-205
B23002B	Sex By Age By Employment Status For The Population 16 Years And Over (Black Or African American Alone)		101	7-85
C23002B	Sex By Age By Employment Status For The Population 16 Years And Over (Black Or African American Alone)		101	165-191
B23002C	Sex By Age By Employment Status For The Population 16 Years And Over (American Indian And Alaska Native Alone)		101	86-164
C23002C	Sex By Age By Employment Status For The Population 16 Years And Over (American Indian And Alaska Native Alone)		101	192-218
B23002D	Sex By Age By Employment Status For The Population 16 Years And Over (Asian Alone)		102	7-85
C23002D	Sex By Age By Employment Status For The Population 16 Years And Over (Asian Alone)		102	165-191

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B23002E	Sex By Age By Employment Status For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		102	86-164
C23002E	Sex By Age By Employment Status For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		102	192-218
B23002F	Sex By Age By Employment Status For The Population 16 Years And Over (Some Other Race Alone)		103	7-85
C23002F	Sex By Age By Employment Status For The Population 16 Years And Over (Some Other Race Alone)		103	165-191
B23002G	Sex By Age By Employment Status For The Population 16 Years And Over (Two Or More Races)		103	86-164
C23002G	Sex By Age By Employment Status For The Population 16 Years And Over (Two Or More Races)		103	192-218
B23002H	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		104	7-85
C23002H	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		104	195-221
B23002I	Sex By Age By Employment Status For The Population 16 Years And Over (Hispanic Or Latino)		104	86-164
C23002I	Sex By Age By Employment Status For The Population 16 Years And Over (Hispanic Or Latino)		104	222-248
B23003	Presence Of Own Children Under 18 Years By Age Of Own Children Under 18 Years By Employment Status For Females 20 To 64 Years		104	165-194
B23004	Work Status In The Past 12 Months By Age By Employment Status For The Civilian Population 65 Years And Over		105	7-25
C23004	Work Status In The Past 12 Months By Employment Status For The Civilian Population 65 Years And Over		105	184-190
B23006	Educational Attainment By Employment Status For The Population 25 To 64 Years		105	26-54
B23007	Presence Of Own Children Under 18 Years By Family Type By Employment Status		105	55-113
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B23008	Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents		105	114-140
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B23013	Median Age By Sex For Workers 16 To 64 Years		106	34-36
B23018	Aggregate Usual Hours Worked In The Past 12 Months By Sex For Workers 16 To 64 Years		106	37-39
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B23022	Sex By Work Status In The Past 12 Months By Usual Hours Worked Per Week In The Past 12 Months By Weeks Worked In The Past 12 Months For The Population 16 To 64 Years		106	43-91
C23022	Sex By Full-Time Work Status In The Past 12 Months For The Population 16 To 64 Years		106	191-201
B23023	Sex By Disability Status By Work Status In The Past 12 Months By Usual Hours Worked Per Week In The Past 12 Months By Weeks Worked In The Past 12 Months For The Population 16 To 64 Years		106	92-190
C23023	Sex By Disability Status By Full-Time Work Status In The Past 12 Months For The Population 16 To 64 Years		106	202-224
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B24010	Sex By Occupation For The Civilian Employed Population 16 Years And Over		US 107 PR 108	US 7-158 PR 7-157
C24010	Sex By Occupation For The Civilian Employed Population 16 Years And Over		109	153-225
B24010A	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone)		109	7-79
C24010A	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone)		109	226-238
B24010B	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Black Or African American Alone)		109	80-152
C24010B	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Black Or African American Alone)		109	239-251
B24010C	Sex By Occupation For The Civilian Employed Population 16 Years And Over (American Indian And Alaska Native Alone)		110	7-79
C24010C	Sex By Occupation For The Civilian Employed Population 16 Years And Over (American Indian And Alaska Native Alone)		110	226-238
B24010D	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Asian Alone)		110	80-152
C24010D	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Asian Alone)		110	239-251
B24010E	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		110	153-225
C24010E	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		111	153-165
B24010F	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Some Other Race Alone)		111	7-79
C24010F	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Some Other Race Alone)		111	166-178
B24010G	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Two Or More Races)		111	80-152
C24010G	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Two Or More Races)		111	179-191
B24010H	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		112	7-79
C24010H	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone, Not Hispanic Or Latino)		112	189-201
B24010I	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Hispanic Or Latino)		112	80-152
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B24011	Occupation By Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		112	153-188
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B24021	Occupation By Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		116	7-42
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B24030	Sex By Industry For The Civilian Employed Population 16 Years And Over		117	7-215
C24030	Sex By Industry For The Civilian Employed Population 16 Years And Over		118	88-142

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B24031	Industry By Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		118	7-33
B24032	Sex By Industry And Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over		118	34-87
B24040	Sex By Industry For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		119	7-215
C24040	Sex By Industry For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		120	88-142
B24041	Industry By Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		120	7-33
B24042	Sex By Industry And Median Earnings In The Past 12 Months (In 2010 Inflation-Adjusted Dollars) For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		120	34-87
B24050	Industry By Occupation For The Civilian Employed Population 16 Years And Over		121	7-168
C24050	Industry By Occupation For The Civilian Employed Population 16 Years And Over		122	7-90
B24060	Occupation By Class Of Worker For The Civilian Employed Population 16 Years And Over		123	7-222
C24060	Occupation By Class Of Worker For The Civilian Employed Population 16 Years And Over		124	169-204
B24070	Industry By Class Of Worker For The Civilian Employed Population 16 Years And Over		124	7-168
C24070	Industry By Class Of Worker For The Civilian Employed Population 16 Years And Over		125	103-186
B24080	Sex By Class Of Worker For The Civilian Employed Population 16 Years And Over		125	7-27
C24080	Sex By Class Of Worker For The Civilian Employed Population 16 Years And Over		125	187-205
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Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
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B25003A	Tenure (White Alone Householder)		144	14-16
B25003B	Tenure (Black Or African American Alone Householder)		144	17-19
B25003C	Tenure (American Indian And Alaska Native Alone Householder)		144	20-22
B25003D	Tenure (Asian Alone Householder)		144	23-25
B25003E	Tenure (Native Hawaiian And Other Pacific Islander Alone Householder)		144	26-28
B25003F	Tenure (Some Other Race Alone Householder)		144	29-31
B25003G	Tenure (Two Or More Races Householder)		144	32-34
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B25004	Vacancy Status		144	41-48
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B25008	Total Population In Occupied Housing Units By Tenure		144	83-85
B25009	Tenure By Household Size		144	86-102
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B25014	Tenure By Occupants Per Room		144	183-195
C25014	Tenure By Occupants Per Room		144	226-232
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B25014B	Occupants Per Room (Black Or African American Alone Householder)		144	199-201
B25014C	Occupants Per Room (American Indian And Alaska Native Alone Householder)		144	202-204
B25014D	Occupants Per Room (Asian Alone Householder)		144	205-207
B25014E	Occupants Per Room (Native Hawaiian And Other Pacific Islander Alone Householder)		144	208-210
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B25014G	Occupants Per Room (Two Or More Races Householder)		144	214-216
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B25014I	Occupants Per Room (Hispanic Or Latino Householder)		144	220-222
B25015	Tenure By Age Of Householder By Occupants Per Room		145	7-33
C25015	Tenure By Age Of Householder By Occupants Per Room		145	179-199
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B25023	Aggregate Number Of Rooms By Vacancy Status		145	92-99
C25023	Aggregate Number Of Rooms By Vacancy Status		145	228-230
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C25027	Mortgage Status By Age Of Householder		145	231-239
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B25029	Tenure By Year Householder Moved Into Unit		145	164-178
B25032	Tenure By Units In Structure		146	7-29
C25032	Tenure By Units In Structure		146	177-187
B25032A	Units In Structure (White Alone Householder)		146	30-40
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B25032B	Units In Structure (Black Or African American Alone Householder)		146	41-51
C25032B	Units In Structure (Black Or African American Alone Householder)		146	193-197
B25032C	Units In Structure (American Indian And Alaska Native Alone Householder)		146	52-62
C25032C	Units In Structure (American Indian And Alaska Native Alone Householder)		146	198-202
B25032D	Units In Structure (Asian Alone Householder)		146	63-73
C25032D	Units In Structure (Asian Alone Householder)		146	203-207
B25032E	Units In Structure (Native Hawaiian And Other Pacific Islander Alone Householder)		146	74-84
C25032E	Units In Structure (Native Hawaiian And Other Pacific Islander Alone Householder)		146	208-212
B25032F	Units In Structure (Some Other Race Alone Householder)		146	85-95
C25032F	Units In Structure (Some Other Race Alone Householder)		146	213-217
B25032G	Units In Structure (Two Or More Races Householder)		146	96-106
C25032G	Units In Structure (Two Or More Races Householder)		146	218-222
B25032H	Units In Structure (White Alone, Not Hispanic Or Latino Householder)		146	107-117
C25032H	Units In Structure (White Alone, Not Hispanic Or Latino Householder)		146	223-227
B25032I	Units In Structure (Hispanic Or Latino Householder)		146	118-128
C25032I	Units In Structure (Hispanic Or Latino Householder)		146	228-232
B25033	Total Population In Occupied Housing Units By Tenure By Units In Structure		146	129-141
C25033	Total Population In Occupied Housing Units By Tenure By Units In Structure		146	233-241
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B25035	Median Year Structure Built		146	152-152
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B25037	Median Year Structure Built By Tenure		146	174-176
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B25040	House Heating Fuel		147	25-34
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B25043	Tenure By Telephone Service Available By Age Of Householder		147	57-75
C25043	Tenure By Telephone Service Available		147	206-212
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C25045	Tenure By Vehicles Available		147	213-219
B25046	Aggregate Number Of Vehicles Available By Tenure		147	110-112
B25047	Plumbing Facilities For All Housing Units	US Only	147	113-115
B25048	Plumbing Facilities For Occupied Housing Units	US Only	147	116-118
B25049	Tenure By Plumbing Facilities	US Only	147	119-125
B25050	Plumbing Facilities By Occupants Per Room By Year Structure Built	US Only	147	126-144
C25050	Plumbing Facilities By Occupants Per Room	US Only	147	220-226
B25051	Kitchen Facilities For All Housing Units		147	145-147
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B25053	Tenure By Kitchen Facilities		147	151-157
B25054	Kitchen Facilities By Meals Included In Rent		147	158-164
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B25056	Contract Rent		147	178-201
C25056	Contract Rent		147	235-243
B25057	Lower Contract Rent Quartile (Dollars)		147	202-202
B25058	Median Contract Rent (Dollars)		147	203-203
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B25063	Gross Rent		148	30-53
B25064	Median Gross Rent (Dollars)		148	54-54
B25065	Aggregate Gross Rent (Dollars)		148	55-55
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C25066	Aggregate Gross Rent (Dollars) By Units In Structure		148	205-208
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C25072	Age Of Householder By Gross Rent As A Percentage Of Household Income In The Past 12 Months		148	230-246
B25073	Units In Structure By Gross Rent As A Percentage Of Household Income In The Past 12 Months		148	148-197
C25073	Units In Structure By Gross Rent As A Percentage Of Household Income In The Past 12 Months		149	162-182
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C25074	Household Income By Gross Rent As A Percentage Of Household Income In The Past 12 Months		150	200-224
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C25075	Value		150	225-233
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B25077	Median Value (Dollars)		150	83-83
B25078	Upper Value Quartile (Dollars)		150	84-84
B25079	Aggregate Value (Dollars) By Age Of Householder		150	85-89
C25079	Aggregate Value (Dollars) By Age Of Householder		150	234-236
B25080	Aggregate Value (Dollars) By Units In Structure		150	90-97
C25080	Aggregate Value (Dollars) By Units In Structure		150	237-241
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C25085	Price Asked		150	242-249
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B25087	Mortgage Status And Selected Monthly Owner Costs		150	136-164
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B25092	Median Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months		150	197-199
B25093	Age Of Householder By Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months		149	7-35
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Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
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B25107	Median Value By Year Structure Built		151	132-141
B25108	Aggregate Value (Dollars) By Year Structure Built		151	142-151
C25108	Aggregate Value (Dollars) By Year Structure Built		151	227-233
B25109	Median Value By Year Householder Moved Into Unit		151	152-158
B25110	Aggregate Value (Dollars) By Year Householder Moved Into Unit		151	159-165
C25110	Aggregate Value (Dollars) By Year Householder Moved Into Unit		151	234-238
B25111	Median Gross Rent By Year Structure Built		151	166-175
B25112	Aggregate Gross Rent (Dollars) By Year Structure Built		151	176-185
C25112	Aggregate Gross Rent (Dollars) By Year Structure Built		151	239-245
B25113	Median Gross Rent By Year Householder Moved Into Unit		151	186-192
B25114	Aggregate Gross Rent (Dollars) By Year Householder Moved Into Unit		151	193-199
C25114	Aggregate Gross Rent (Dollars) By Year Householder Moved Into Unit		151	246-250
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B25116	Tenure By Household Size By Age Of Householder		152	7-29
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C25117	Tenure By House Heating Fuel		152	220-230
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B27003	Public Health Insurance Status By Sex By Age		159	64-120
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B27004	Employer-Based Health Insurance By Sex By Age		159	121-177
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Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
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C27012	Health Insurance Coverage Status And Type By Work Experience By Age		162	182-227
B27013	Private Health Insurance By Work Experience By Sex By Age		162	136-181
C27013	Private Health Insurance By Work Experience By Age		162	228-249
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Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
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B99012	Imputation Of Age		US 167 PR 179	US 10-12 PR 10-12
B99021	Imputation Of Race		US 167 PR 179	US 13-15 PR 13-15
B99031	Imputation Of Hispanic Or Latino Origin		US 167 PR 179	US 16-18 PR 16-18
B99051	Imputation Of Citizenship Status		US 167 PR 179	US 19-25 PR 19-25
B99052	Imputation Of Year Of Entry	US Only	167	26-32
B99052PR	Imputation Of Year Of Entry For Population Born Outside Puerto Rico	PR Only	179	26-32
B99053	Imputation Of Year Of Naturalization		US 167 PR 179	US 33-35 PR 33-35
B99061	Imputation Of Place Of Birth		US 167 PR 179	US 36-38 PR 36-38
B99071	Imputation Of Mobility Status For The Population 1 Year And Over		US 167 PR 179	US 39-41 PR 39-41
B99072	Imputation Of Residence 1 Year Ago For The Population 1 Year And Over		US 167 PR 179	US 42-48 PR 42-48
B99080	Imputation Of Means Of Transportation To Work		US 167 PR 179	US 49-51 PR 49-51
B99081	Imputation Of Place Of Work		US 167 PR 179	US 52-56 PR 52-56
B99082	Imputation Of Private Vehicle Occupancy		US 167 PR 179	US 57-61 PR 57-61
B99083	Imputation Of Time Leaving Home To Go To Work		US 167 PR 179	US 62-66 PR 62-66
B99084	Imputation Of Travel Time To Work		US 167 PR 179	US 67-71 PR 67-71
B99085	Imputation Of Vehicles Available For Workers		US 167 PR 179	US 72-74 PR 72-74
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B99087	Imputation Of Time Arriving At Work From Home For Workplace Geography	Place of Work Only	11	10-14
B99088	Imputation Of Travel Time To Work For Workplace Geography	Place of Work Only	11	15-19
B99089	Imputation Of Vehicles Available For Workers For Workplace Geography	Place of Work Only	11	20-22
B99092	Imputation Of Relationship		US 167 PR 179	US 75-77 PR 75-77
B99102	Imputation Of Grandparents Living With Grandchildren Under 18 Years		US 167 PR 179	US 78-80 PR 78-80
B99103	Imputation Of Grandparents Responsible For Grandchildren Under 18 Years		US 167 PR 179	US 81-83 PR 81-83
B99104	Imputation Of Length Of Time Grandparent Responsible For Own Grandchildren Under 18 Years For The Population 30 Years And Over		US 167 PR 179	US 84-90 PR 84-90
B99121	Imputation Of Marital Status For The Population 15 Years And Over		US 167 PR 179	US 91-93 PR 91-93
B99122	Imputation Of Divorced In The Past 12 Months For The Population 15 Years And Over		US 167 PR 179	US 94-96 PR 94-96
B99123	Imputation Of Married In The Past 12 Months For The Population 15 Years And Over		US 167 PR 179	US 97-99 PR 97-99
B99124	Imputation Of Widowed In The Past 12 Months For The Population 15 Years And Over		US 167 PR 179	US 100-102 PR 100-102
B99125	Imputation Of Times Married For The Population 15 Years And Over		US 167 PR 179	US 103-105 PR 103-105

Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B99126	Imputation Of Year Last Married For The Population 15 Years And Over		US 167 PR 179	US 106-108 PR 106-108
B99131	Imputation Of Marital Status For Females 15 To 50 Years		US 167 PR 179	US 109-111 PR 109-111
B99132	Imputation Of Fertility Of Women 15 To 50 Years		US 167 PR 179	US 112-114 PR 112-114
B99141	Imputation Of School Enrollment For The Population 3 Years And Over		US 167 PR 179	US 115-117 PR 115-117
B99142	Imputation Of Grade Enrolled For The Population 3 Years And Over Enrolled In School		US 167 PR 179	US 118-120 PR 118-120
B99151	Imputation Of Educational Attainment For The Population 25 Years And Over		US 167 PR 179	US 121-123 PR 121-123
B99152	Imputation Of Field Of Degree For Population 25 Years And Over		US 167 PR 179	US 124-126 PR 124-126
B99161	Imputation Of Language Status For The Population 5 Years And Over		US 167 PR 179	US 127-129 PR 127-129
B99162	Imputation Of Language Spoken At Home For The Population 5 Years And Over		US 167 PR 179	US 130-136 PR 130-136
B99163	Imputation Of Ability To Speak English For The Population 5 Years And Over		US 167 PR 179	US 137-141 PR 137-141
B99171	Imputation Of Poverty Status In The Past 12 Months For Unrelated Individuals		US 167 PR 179	US 142-156 PR 142-156
B99172	Imputation Of Poverty Status In The Past 12 Months For Families		US 167 PR 179	US 157-171 PR 157-171
B99181	Imputation Of Disability Items For The Civilian Noninstitutionalized Population		US 167 PR 179	US 172-174 PR 172-174
B99182	Imputation Of Hearing Difficulty For The Civilian Noninstitutionalized Population		US 167 PR 179	US 175-177 PR 175-177
B99183	Imputation Of Vision Difficulty For The Civilian Noninstitutionalized Population		US 167 PR 179	US 178-180 PR 178-180
B99184	Imputation Of Cognitive Difficulty For The Civilian Noninstitutionalized Population 5 Years And Over		US 167 PR 179	US 181-183 PR 181-183
B99185	Imputation Of Ambulatory Difficulty For The Civilian Noninstitutionalized Population 5 Years And Over		US 167 PR 179	US 184-186 PR 184-186
B99186	Imputation Of Self-Care Difficulty For The Civilian Noninstitutionalized Population 5 Years And Over		US 167 PR 179	US 187-189 PR 187-189
B99187	Age By Imputation Of Independent Living Difficulty For The Civilian Noninstitutionalized Population 15 Years And Over		US 167 PR 179	US 190-196 PR 190-196
B99191	Imputation Of Individuals' Income In The Past 12 Months For The Population 15 Years And Over - Percent Of Income Imputed		US 167 PR 179	US 197-204 PR 197-204
B99192	Imputation Of Household Income In The Past 12 Months - Percent Of Income Imputed		US 167 PR 179	US 205-212 PR 205-212
B99193	Imputation Of Family Income In The Past 12 Months -- Percent Of Income Imputed		US 167 PR 179	US 213-220 PR 213-220
B99194	Imputation Of Nonfamily Household Income In The Past 12 Months -- Percent Of Income Imputed		US 167 PR 179	US 221-228 PR 221-228
B99201	Imputation Of Earnings In The Past 12 Months For The Population 16 Years And Over - Percent Of Earnings Imputed		US 167 PR 179	US 229-236 PR 229-236
B99211	Imputation Of Veteran Status For The Population 18 Years And Over		US 167 PR 179	US 237-239 PR 237-239
B99212	Imputation Of Period Of Military Service For Civilian Veterans 18 Years And Over		US 167 PR 179	US 240-242 PR 240-242
B99221	Imputation Of Food Stamps/Snap Receipt		US 167 PR 179	US 243-245 PR 243-245
B99231	Imputation Of Employment Status For The Population 16 Years And Over		US 167 PR 179	US 246-248 PR 246-248
B99232	Imputation Of Work Status In The Past 12 Months For The Population 16 Years And Over		US 167 PR 179	US 249-251 PR 249-251



Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending Positions
B99233	Imputation Of Usual Hours Worked Per Week In The Past 12 Months For The Population 16 Years And Over		168	7-11
B99234	Imputation Of Weeks Worked In The Past 12 Months For The Population 16 Years And Over		168	12-16
B99241	Imputation Of Industry For The Civilian Employed Population 16 Years And Over		168	17-19
B99242	Imputation Of Occupation For The Civilian Employed Population 16 Years And Over		168	20-22
B99243	Imputation Of Class Of Worker For The Civilian Employed Population 16 Years And Over		168	23-25
B99244	Imputation Of Industry For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		168	26-28
B99245	Imputation Of Occupation For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		168	29-31
B99246	Imputation Of Class Of Worker For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		168	32-34
B992510	Imputation Of Kitchen Facilities		168	35-37
B992511	Imputation Of House Heating Fuel		168	38-40
B992512	Imputation Of Vehicles Available		168	41-43
B992513	Imputation Of Telephone Service Available		168	44-46
B992514	Imputation Of Meals Included In Rent		168	47-49
B992515	Imputation Of Contract Rent		168	50-52
B992516	Imputation Of Rent Asked		168	53-55
B992518	Imputation Of Gross Rent		168	56-58
B992519	Imputation Of Value		168	59-61
B99252	Imputation Of Tenure		168	62-64
B992520	Imputation Of Price Asked		168	65-67
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B992522	Imputation Of Mortgage Status And Selected Monthly Owner Costs		168	71-77
B992523	Imputation Of Selected Monthly Owner Costs For Owner-Occupied Housing Units		168	78-80
B99253	Imputation Of Vacancy Status		168	81-83
B99254	Imputation Of Rooms		168	84-86
B99255	Imputation Of Units In Structure		168	87-89
B99256	Imputation Of Year Structure Built		168	90-92
B99257	Imputation Of Year Householder Moved Into Unit		168	93-95
B99258	Imputation Of Bedrooms		168	96-98
B99259	Imputation Of Plumbing Facilities	US Only	168	99-101
B992701	Imputation Of Health Insurance Coverage		168	102-104
B992702	Imputation Of Private Health Insurance		168	105-107
B992703	Imputation Of Public Health Insurance		168	108-110
B992704	Imputation Of Employer-Based Health Insurance		168	111-113
B992705	Imputation Of Direct-Purchase Health Insurance		168	114-116
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B992707	Imputation Of Medicaid/Mean-Tested Public Coverage		168	120-122
B992708	Imputation Of Tricare/Military Health Coverage		168	123-125
B992709	Imputation Of VA Health Care		168	126-128

## Appendix F: ACS 1-Year Summary Levels/Components for Detailed Tables

Summary Level	Component	Name
010	00	United States
010	01	United States; Urban
010	43	United States; Rural
010	89	United States; American Indian Reservation and Trust Land-Federal
010	91	United States; Oklahoma Tribal Statistical Area
010	92	United States; Tribal Designated Statistical Area
010	93	United States; Alaska Native Village Statistical Area
010	94	United States; State Designated Tribal Statistical Area (Formerly SDAISA)
010	A0	United States; In Metropolitan or Micropolitan Statistical Area
010	C0	United States; In Metropolitan Statistical Area
010	C1	United States; In Metropolitan Statistical Area-In Principal City
010	C2	United States; In Metropolitan Statistical Area-Not In Principal City
010	E0	United States; In Micropolitan Statistical Area
010	E1	United States; In Micropolitan Statistical Area-In Principal City
010	E2	United States; In Micropolitan Statistical Area-Not In Principal City
010	G0	United States; Not In Metropolitan or Micropolitan Statistical Area
010	H0	United States; Not In Metropolitan Statistical Area
020	00	Region
020	01	Region; Urban
020	43	Region; Rural
020	A0	Region; In Metropolitan or Micropolitan Statistical Area
020	C0	Region; In Metropolitan Statistical Area
020	C1	Region; In Metropolitan Statistical Area-In Principal City
020	C2	Region; In Metropolitan Statistical Area-Not In Principal City
020	E0	Region; In Micropolitan Statistical Area
020	E1	Region; In Micropolitan Statistical Area-In Principal City
020	E2	Region; In Micropolitan Statistical Area-Not In Principal City
020	G0	Region; Not In Metropolitan or Micropolitan Statistical Area
020	H0	Region; Not In Metropolitan Statistical Area
030	00	Division
030	01	Division; Urban
030	43	Division; Rural
030	A0	Division; In Metropolitan or Micropolitan Statistical Area
030	C0	Division; In Metropolitan Statistical Area
030	C1	Division; In Metropolitan Statistical Area-In Principal City
030	C2	Division; In Metropolitan Statistical Area-Not In Principal City
030	E0	Division; In Micropolitan Statistical Area
030	E1	Division; In Micropolitan Statistical Area-In Principal City
030	E2	Division; In Micropolitan Statistical Area-Not In Principal City
030	G0	Division; Not In Metropolitan or Micropolitan Statistical Area
030	H0	Division; Not In Metropolitan Statistical Area
040	00	State

Summary Level	Component	Name
040	01	State; Urban
040	43	State; Rural
040	A0	State; In Metropolitan or Micropolitan Statistical Area
040	C0	State; In Metropolitan Statistical Area
040	C1	State; In Metropolitan Statistical Area-In Principal City
040	C2	State; In Metropolitan Statistical Area-Not In Principal City
040	E0	State; In Micropolitan Statistical Area
040	E1	State; In Micropolitan Statistical Area-In Principal City
040	E2	State; In Micropolitan Statistical Area-Not In Principal City
040	G0	State; Not In Metropolitan or Micropolitan Statistical Area
040	H0	State; Not In Metropolitan Statistical Area
050	00	State-County
060	00	State-County-County Subdivision
160	00	State-Place
230	00	State-Alaska Native Regional Corporation
250	00	American Indian Area/Alaska Native Area/Hawaiian Home Land
310	00	Metropolitan Statistical Area/Micropolitan Statistical Area
312	00	Metropolitan Statistical Area/Micropolitan Statistical Area-State-Principal City
314	00	Metropolitan Statistical Area-Metropolitan Division
330	00	Combined Statistical Area
335	00	Combined New England City and Town Area
350	00	New England City and Town Area
352	00	New England City and Town Area-State-Principal City
355	00	New England City and Town Area (NECTA)-NECTA Division
400	00	Urban Area
500	00	State-Congressional District
795	00	State-Public Use Microdata Sample Area (PUMA)
950	00	State-School District (Elementary)
960	00	State-School District (Secondary)
970	00	State-School District (Unified)

## Document History

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Version #	Date	Summary of Changes
1	09/22/11	Initial Release