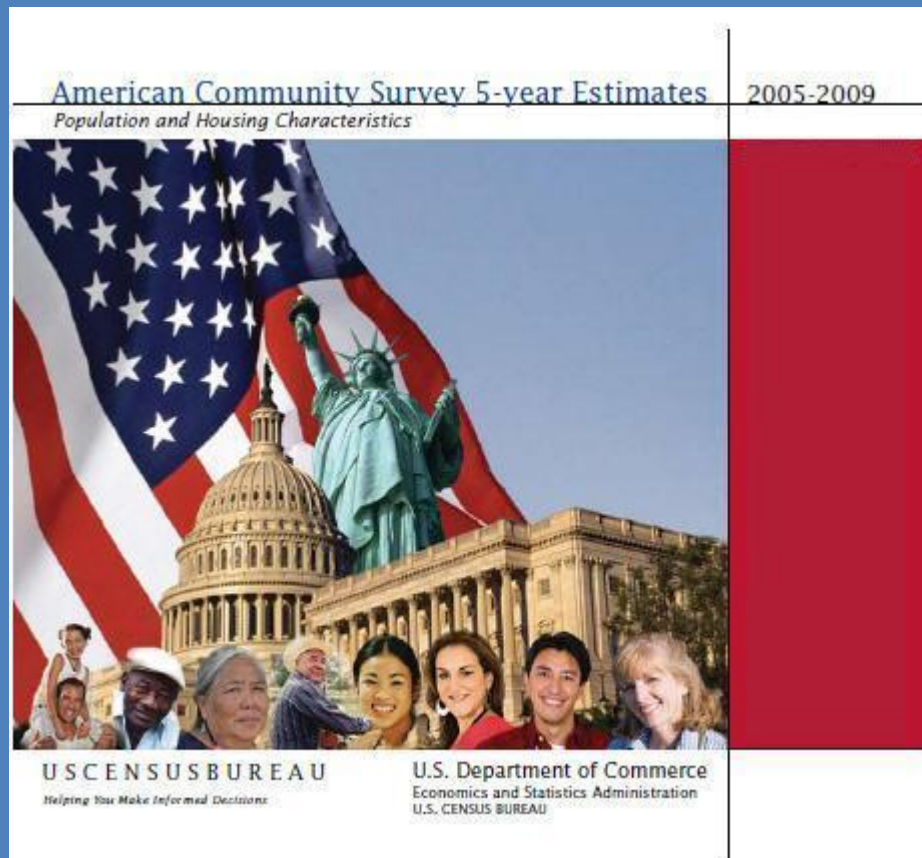


Version 2

The 2005-2009 ACS 5-Year Summary File Technical Documentation



American Community Survey Office
Data Products
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1 Introduction

1.1 The American Community Survey

The American Community Survey (ACS) is a household survey conducted by the U.S. Census Bureau with an annual sample size of about 3 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.

Most ACS tables are published on the Census Bureau's American FactFinder (AFF) website, factfinder.census.gov, and are available for download in several forms. However, for the 2005-2009 ACS 5-year data release, 295 Detailed Tables and tables for census block groups are not published on American FactFinder. These tables can only be accessed by using the ACS Summary File. This document will brief data users on the contents of the ACS Summary File and explain how they can use it to obtain the 5-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 over 18 billion 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)
- 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 5-year estimates are in the Summary File and are listed in [Appendix E](#). This appendix also shows whether a table is available for download on American FactFinder.

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. 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.

In addition to the ACS 1-year and 3-year summary levels, new summary levels are added to the 5-year data with expanded geographies including census tracts and block groups, and additional information for geographies such as American Indian areas, core based statistical areas, combined statistical areas, Congressional districts and state legislative districts. See the full list of summary levels published for the 5-year Detailed Tables in [Appendix F](#). For the 2005-2009 ACS 5-year data release, data for census block groups are not published on American FactFinder and are only available using the ACS Summary File. The list of tables in [Appendix E](#) shows which tables are available at the block group level.

There are 295 Detailed Tables that are not available on American FactFinder, which are documented in Appendix E. All Detailed Tables, including those 295 tables, are available for download in comma-delimited format, which can be easily read into a spreadsheet, at www2.census.gov/acs2009_5yr/prod. The Data Profiles and Subject Tables are also available on this site.

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. (Up to 7,000 tables can be downloaded at one time using the American FactFinder Download Center.) 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, see the ACS Summary File page at www.census.gov/acs/www/data_documentation/summary_file/.

- Summary File DataFerrett Tool

DataFerrett is a tool provided by the Census Bureau to help users view, download, and manipulate a wide variety of data sets to suit their needs. Among the features provided by this tool is the ability to construct user-defined variables from the variables on the input data file(s), the ability for users to exclude data that is not of interest, a variety of options for downloading data, and the ability to create complex tabular reports from the data including graphs and thematic maps. The initial release of the 2005-2009 ACS Summary File data in DataFerrett focuses primarily on the display and download capabilities of DataFerrett. This tool will be ideal for data users who wish to view, customize, and restrict the data that is downloaded from the 2005-2009 ACS 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 3.4](#).

- 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 previously used the ACS Summary File, the files for the 5-year estimates are basically the same with the following exceptions:

- Geography Levels are Published Only on the Summary File

Census block group level data are available only from the Summary File and they are not available for download on American FactFinder. User tools that are available are covered in [Chapter 3](#).

- The “merge_5_6” File Has Been Renamed

The merge_5_6 file that links the tables to the sequence files they are in is now called the Sequence Number and Table Number Lookup file, a name that more accurately describes the purpose and contents of this file. Note that the sequence numbers are different for the 2005-2009 ACS 5-year Summary File than for other summary products including the 2009 ACS 1-year Summary File.

- Folders Have Been Renamed

The names of the folders on the website that hold the zip 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 2005-2009 ACS Summary File, which can take from 1 to 10 hours, depending on the speed of the Internet connection. (More information about download times can be found in [Chapter 2.2](#).)

Folder Name for the 2009 1-Year Summary File	Folder Name for the 2005-2009 5-Year Summary File
Entire_SF	2005-2009_ACSSF_All_In_Two_Giant_Files(Experienced Users Only)
Entire_States	2005-2009_ACSSF_By_State_All_Tables
Seq_by_ST	2005-2009_ACSSF_By_State_By_Sequence_Table_Subset

- Summary File Format Has Been Modified

For convenience, the files in zip format in each directory are separated further by two types of zipped files: one for census tract and block group data and the other for all the remaining levels of geography. This file type is specified in the file name of each zip file. For more detail, see [Chapter 2.2](#).

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. If you have questions or comments about the American Community Survey, you can submit a question online at ask.census.gov/.

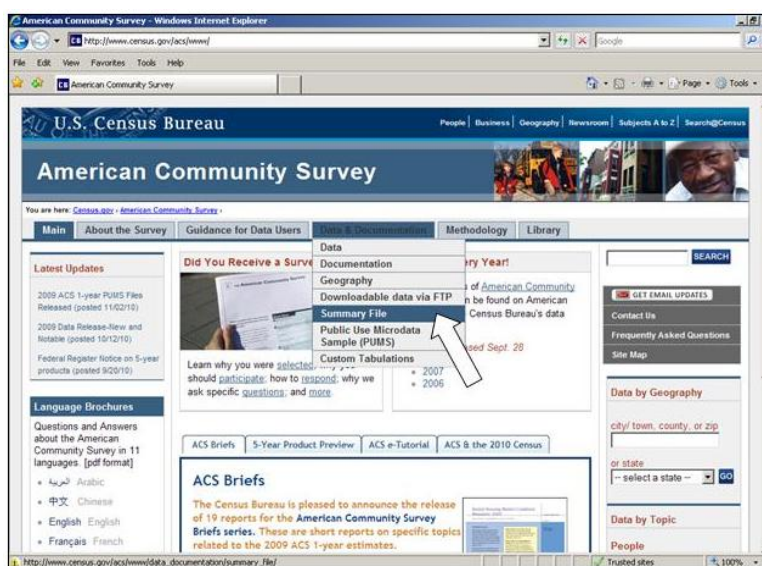
2 How to Use the ACS Summary File

2.1 Locating the Summary File

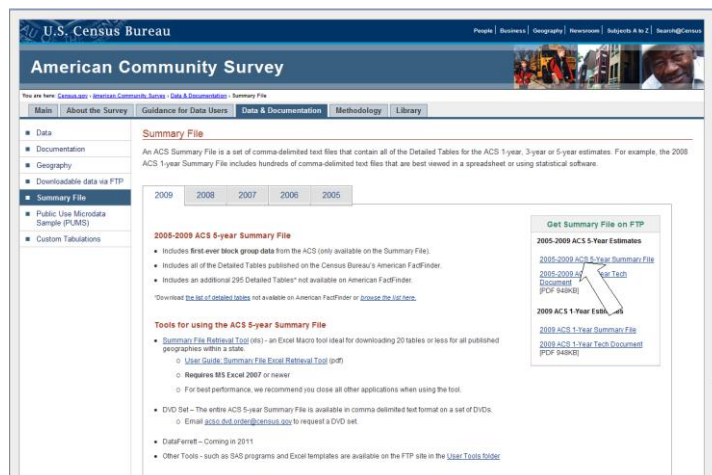
There are two methods to easily find the 2005-2009 ACS 5-year Summary File: (1) through the ACS home page at www.census.gov/acs or (2) through the American FactFinder web site at factfinder.census.gov.

- 1) Through the ACS home page at www.census.gov/acs:

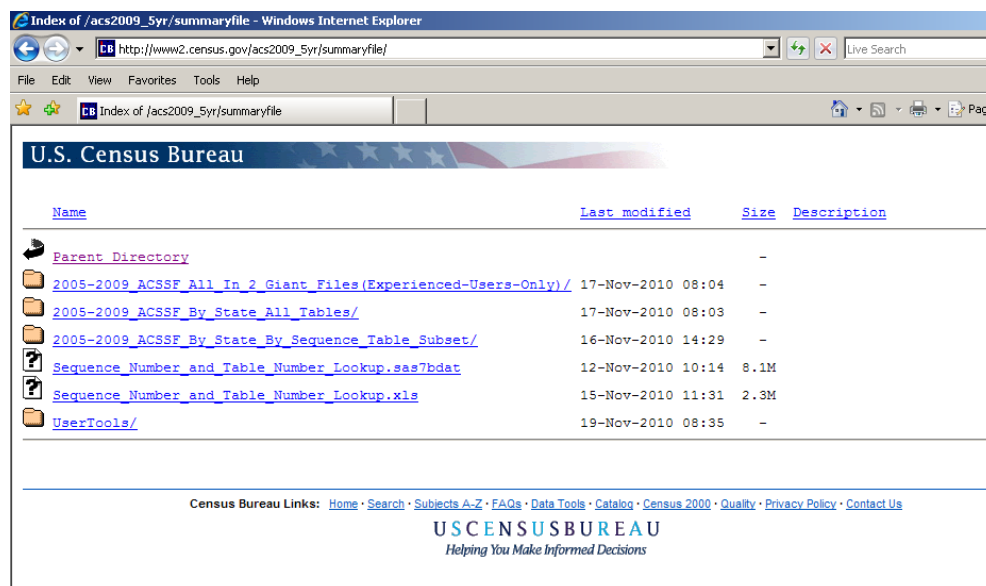
From the American Community Survey home page, www.census.gov/acs, click on the **Data and Documentation** tab, select the option for **Summary File**, as shown below:



That will take you to the ACS Summary File page. As you can see at the top of the next page, the data are arranged by each ACS data year and estimate type (1-year, 3-year and 5-year). Click on **2005-2009 ACS 5-Year Summary File** to go to the ACS Summary File.



There you will see the following screen:



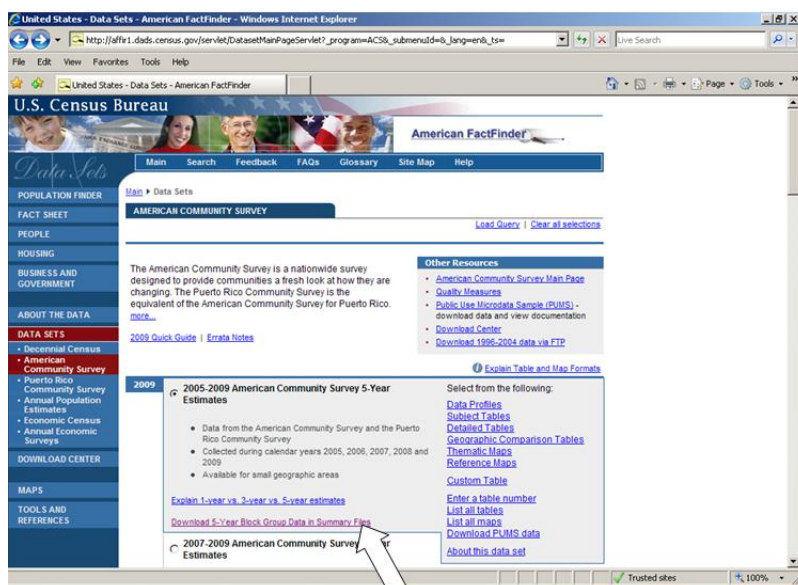
This is the ACS Summary File—it is actually comprised of three folders that are explained the next chapter.

- 2) Through the American FactFinder web site at factfinder.census.gov:

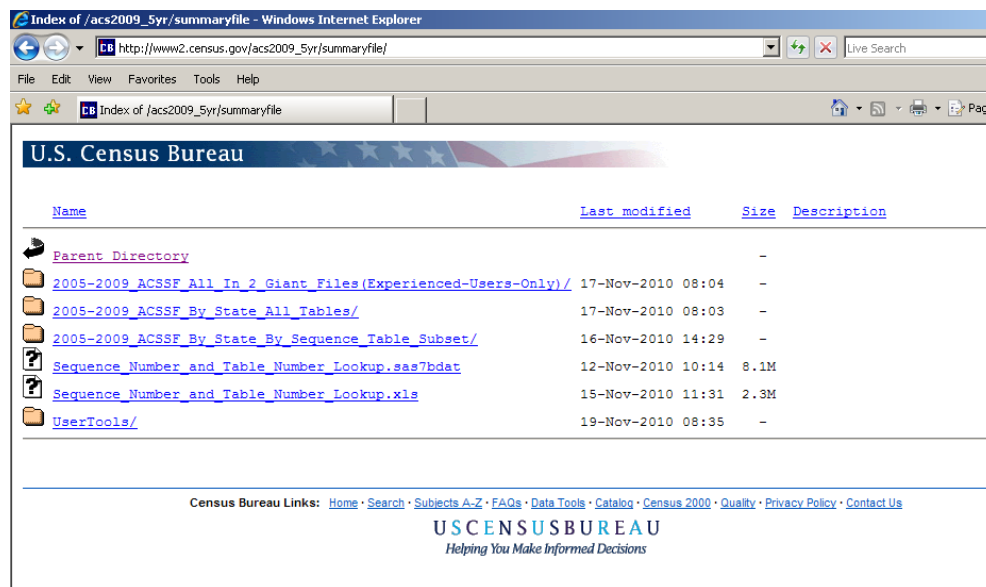
The Summary File Directory may also be accessed through the American FactFinder at factfinder.census.gov. Under the American Community Survey heading, select **Get Data**, as shown in the screenshot below.



Inside the grey box titled 2005-2009 American Community Survey 5-Year Estimates, click on the **Download 5-Year Block Group Data in Summary Files**, as the screenshot below shows.



That will lead to the following screen:



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, which are the first three folders shown in the screenshot on the previous page. These three directories contain the same combination of files; they are simply arranged differently to accommodate various user needs:

- 2005-2009_ACSSF_All_In_2_Giant_Files(Experienced Users Only)

The “All in 2 Giant Files” directory contains two zip files, with one containing the files for all tables at the census tract and block group levels only and the other containing the files for all tables for all geographies except for census tracts and block groups. Each zip file contains geography, estimate, and margin of error files. These are ideal to download if users want estimates and margins of error for all geographies throughout the nation at once. These files are very large and should only be used by those that can easily process very large files. For a graphical representation of this folder and its contents, see [Appendix B.1](#).

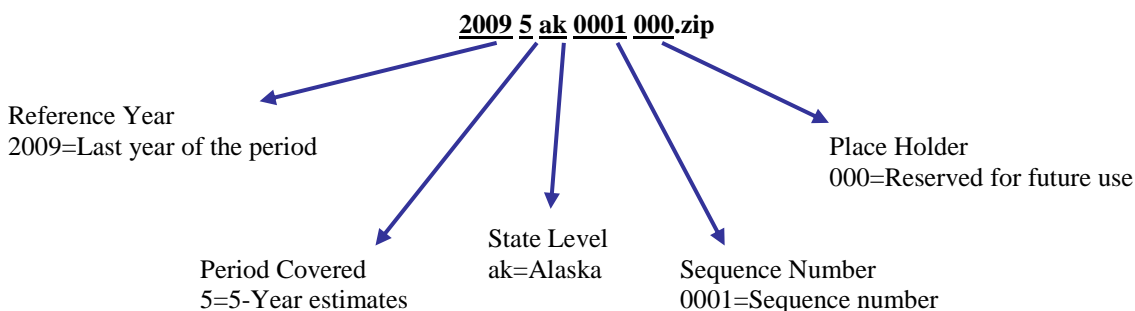
- 2005-2009_ACSSF_By_State_All_Tables

The “By State All Tables” directory contains zip 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 state level file is broken into two zip files with one containing the files for all tables at the census tract and block group levels only and the other containing the files for all tables for all geographies except for census tracts and block groups. Each zip file contains a geography file and 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](#).

- 2005-2009_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. Each state level folder is broken into two additional folders: one for the census tract and block group levels only and the other for all geographies except for census tracts and block groups. Within those folders are a geography file and zip 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 is the following:



File Name: 20095ak0001000.zip		
Example	Name	Range or Type
2009	Reference Year	ACS data year (last year of the period for multiyear periods)
5	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 2 Giant Files” 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 234 files. The “All in 2 Giant Files” zipped files contain all sequence files for all states, which is about 17,000 files.

It is highly recommended that data users download from the “By State By Sequence Table Subset” folder to decrease download time, especially if (like most users) they need only a few tables for a few geographic areas. The chart below shows the average download time for each directory as a reference, based on download speed and which file is being downloaded:

Folder	Estimated Time to Download One File			
	High-Speed Download		Low-Speed Download	
	All geos except Tracts and Block Groups	Tracts and Block Groups	All geos except Tracts and Block Groups	Tracts and Block Groups
All In 2 Giant Files (Experienced Users Only)	1 hour	38 minutes	10 hours	7 hours
By State All Tables	Up to 5 minutes	Up to 3 minutes	Up to 1 hour	Up to 45 minutes
State by Sequence Table Subset	less than 1 minute	less than 1 minute	less than 1 minute	less than 1 minute

As mentioned earlier, the zip 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.

Below 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. It also shows that for the state and state-level equivalents, the census tracts and block groups are in separate folders and files than the other summary levels.

Each State, DC, and Puerto Rico	United States
<u>All Geographies Not Tracts Block Groups</u> State County County subdivision Place Congressional districts (110th Congress) Public Use Microdata Area (PUMA) School Districts Alaska Native Regional Corporation	<u>All Geographies Not Tracts Block Groups</u> United States Region Division All metropolitan or urban statistical areas New England City and Town Area (NECTA) All American Indian/Alaska Native/Hawaiian Homeland areas Urban areas
<u>Tracts Block Groups Only</u> Tracts Block Groups	

To users downloading the ACS Summary Files using Internet Explorer (IE) version 7 or earlier, please be aware of the browser’s downloading limitations: Microsoft has installed a limitation in IE 7 and earlier versions in terms of the size of the files that can be download. IE 7 cannot download files larger than 4GB. IE 6 cannot download files larger than 2 GB. Other older browsers may also contain the same limitations as described above for IE6 and IE7.

This limitation only affects downloads from the “All in 2 Giant Files (Experienced Users Only)” folder. The file “Tracts_Block_Groups_Only.zip” will generate an error if using IE 6 due to the 2.6 GB file size. The file “All_Geographies_Not_Tracts_Block_Groups.zip” will generate an error if using IE6 or IE 7 due to the 7.5 GB file size. The solution to this problem is to download the large files using either an FTP client, IE 8, or the current version of Firefox. Please note that there are no limitations when using IE 8 and current versions of Firefox.

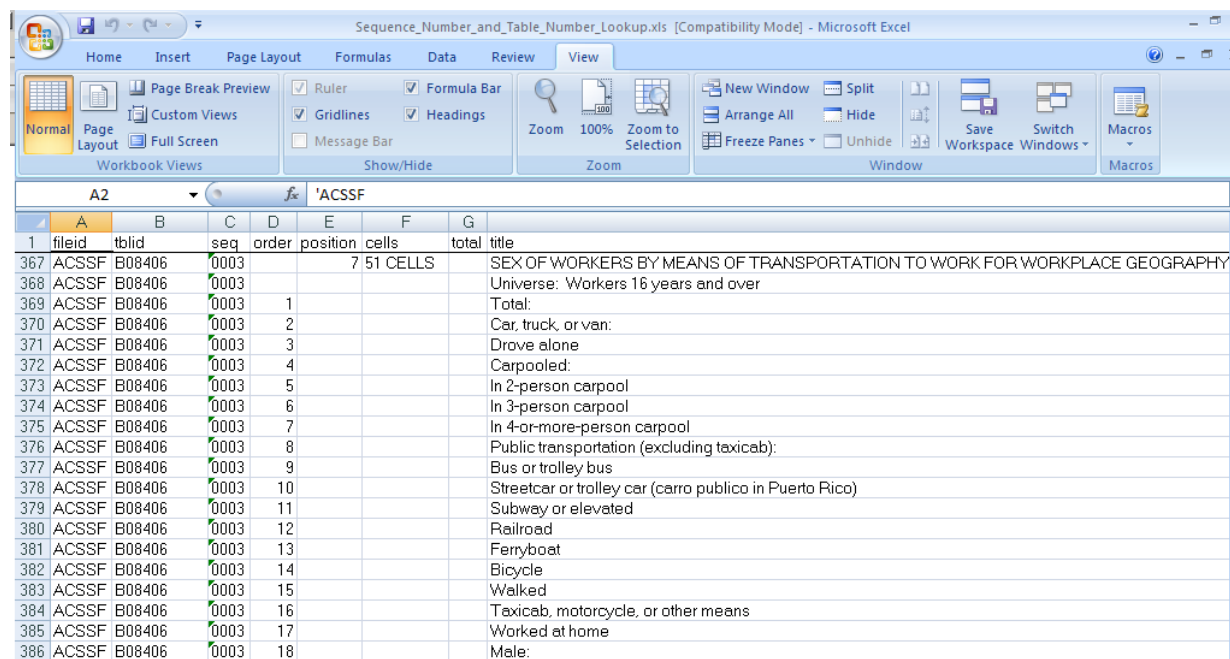
2.3 Sequence Numbers

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 117 sequences for the 2005-2009 ACS 5-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 his/her 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 or SAS Dataset, lists Table IDs associated with each sequence number. This spreadsheet, formerly known as “merge_5_6”, is available www2.census.gov/acs2009_5yr/summaryfile/.

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”.

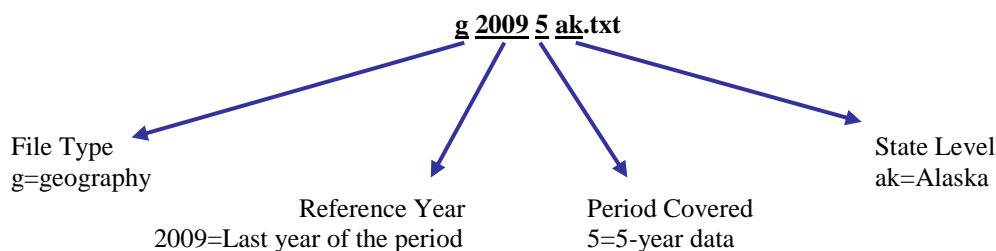


	A	B	C	D	E	F	G
1	fileid	tblid	seq	order	position	cells	total title
367	ACSSF	B08406	0003		7	51 CELLS	SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY
368	ACSSF	B08406	0003				Universe: Workers 16 years and over
369	ACSSF	B08406	0003	1			Total:
370	ACSSF	B08406	0003	2			Car, truck, or van:
371	ACSSF	B08406	0003	3			Drove alone
372	ACSSF	B08406	0003	4			Carpooled:
373	ACSSF	B08406	0003	5			In 2-person carpool
374	ACSSF	B08406	0003	6			In 3-person carpool
375	ACSSF	B08406	0003	7			In 4-or-more-person carpool
376	ACSSF	B08406	0003	8			Public transportation (excluding taxicab):
377	ACSSF	B08406	0003	9			Bus or trolley bus
378	ACSSF	B08406	0003	10			Streetcar or trolley car (carro publico in Puerto Rico)
379	ACSSF	B08406	0003	11			Subway or elevated
380	ACSSF	B08406	0003	12			Railroad
381	ACSSF	B08406	0003	13			Ferryboat
382	ACSSF	B08406	0003	14			Bicycle
383	ACSSF	B08406	0003	15			Walked
384	ACSSF	B08406	0003	16			Taxicab, motorcycle, or other means
385	ACSSF	B08406	0003	17			Worked at home
386	ACSSF	B08406	0003	18			Male:

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 a position based format. A geography file exists for each state or state level equivalent.

Geography files are named using the following convention:



File Name: g20095ak.txt		
Example	Name	Range or Type
g	File Type	g=geography
2009	Reference Year	ACS data year (last year of the period for multiyear periods)
5	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.

The following table provides the layout of the geography file:

Layout of the Geography File

Data Dictionary Reference Name	Description	Field Size	Starting Position	Geographic Summary Levels For 5-Year Tables
RECORD CODES				
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
GEOGRAPHIC AREA CODES				
US	US	1	21	010
REGION	Census Region	1	22	020
DIVISION	Census Division	1	23	030
STATECE	State (Census Code)	2	24	Reserved for future use

Data Dictionary Reference Name	Description	Field Size	Starting Position	Geographic Summary Levels For 5-Year Tables
STATE	State (FIPS Code)	2	26	040, 050, 060, 067, 070, 080, 140, 150, 155, 160, 170, 172, 230, 260, 269, 270, 280, 283, 286, 290, 311, 312, 313, 315, 316, 320, 321, 322, 323, 324, 331, 333, 336, 338, 340, 341, 345, 346, 351, 352, 353, 354, 356, 357, 358, 360, 361, 362, 363, 364, 365, 366, 500, 510, 550, 610, 612, 620, 622, 795, 950, 960, 970
COUNTY	County of current residence	3	28	050, 060, 067, 070, 080, 140, 150, 155, 270, 313, 316, 322, 324, 353, 354, 357, 358, 362, 363, 365, 366, 510, 612, 622
COUSUB	County Subdivision (FIPS)	5	31	060, 067, 070, 080, 354, 358, 363, 366
PLACE	Place (FIPS Code)	5	36	070, 080, 155, 160, 172, 269, 312, 321, 352, 361
TRACT	Census Tract	6	41	080, 140, 150
BLKGRP	Block Group	1	47	150
CONCIT	Consolidated City	5	48	170, 172
AIANHH	American Indian Area/Alaska Native Area/ Hawaiian Home Land (Census)	4	53	250, 251, 252, 254, 260, 269, 270, 280, 283, 286, 290, 550
AIANHHFP	American Indian Area/Alaska Native Area/ Hawaiian Home Land (FIPS)	5	57	Reserved for future use
AIHHTLI	American Indian Trust Land/ Hawaiian Home Land Indicator	1	62	252, 254, 283, 286
AITSCE	American Indian Tribal Subdivision (Census)	3	63	251, 290
AITS	American Indian Tribal Subdivision (FIPS)	5	66	Reserved for future use
ANRC	Alaska Native Regional Corporation (FIPS)	5	71	230
CBSA	Metropolitan and Micropolitan Statistical Area	5	76	310, 311, 312, 313, 314, 315, 316, 320, 321, 322, 323, 324, 332, 333, 341
CSA	Combined Statistical Area	3	81	330, 331, 332, 333, 340, 341
METDIV	Metropolitan Statistical Area-Metropolitan Division	5	84	314, 315, 316, 323, 324
MACC	Metropolitan Area Central City	1	89	Reserved for future use
MEMI	Metropolitan/Micropolitan Indicator Flag	1	90	010, 020, 030, 040, 314, 315, 316, 323, 324
NECTA	New England City and Town Area	5	91	335, 336, 337, 338, 345, 346, 350, 351, 352, 353, 354, 355, 356, 357, 358, 360, 361, 362, 363, 364, 365, 366
CNECTA	New England City and Town Combined Statistical Area	3	96	335, 336, 337, 338, 345, 346
NECTADIV	New England City and Town Area Division	5	99	355, 356, 357, 358, 364, 365, 366
UA	Urban Area	5	104	400

Data Dictionary Reference Name	Description	Field Size	Starting Position	Geographic Summary Levels For 5-Year Tables
BLANK		5	109	Reserved for future use
CDCURR	Current Congressional District ***	2	114	500, 510, 550
SLDU	State Legislative District Upper	3	116	610, 612
SLDL	State Legislative District Lower	3	119	620, 622
BLANK		6	122	Reserved for future use
BLANK		3	128	Reserved for future use
BLANK		5	131	Reserved for future use
SUBMCD	Subminor Civil Division (FIPS)	5	136	067
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, 321, 352, 361
BLANK		6	158	Reserved for future use
BLANK		5	164	Reserved for future use
PUMA5	Public Use Microdata Area – 5% File	5	169	795
BLANK		5	174	Reserved for future use
GEOID	Geographic Identifier	40	179	All Summary Levels
NAME	Area Name	200	219	All Summary Levels
BLANK		50	419	Reserved for future use

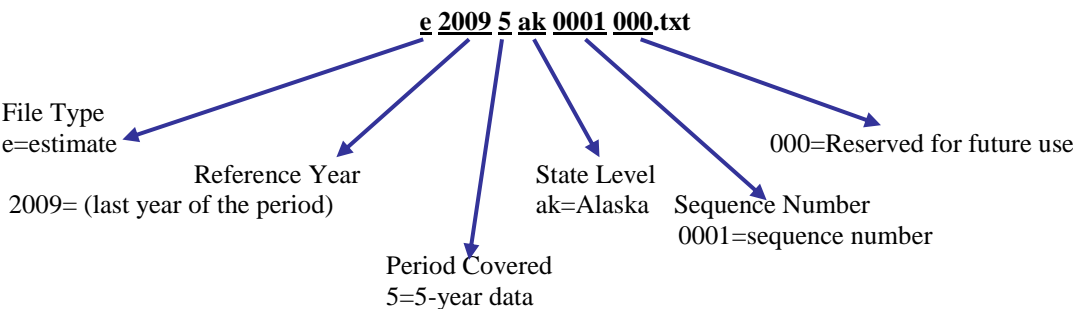
Each state, the District of Columbia, Puerto Rico and the set of cross-state geographies, have one geography file associated with them, regardless of how the Summary File is accessed. Below is a screenshot of the beginning of the state geography file for Maryland. In the screenshot, the logical record 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

Because the American Community Survey data are collected from a sample of the population in the United States and Puerto Rico rather than from the whole population all ACS data are survey *estimates*. To help you interpret the reliability of the estimate, a margin of error is published for every ACS estimate. 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”). Here is the naming convention used for those files:



File Name: e20095ak0003000.txt		
Example	Name	Range or Type
e	File Type	e=estimate, m=margin of error
2009	Reference Year	ACS data year (last year of the period for multiyear periods)
5	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.

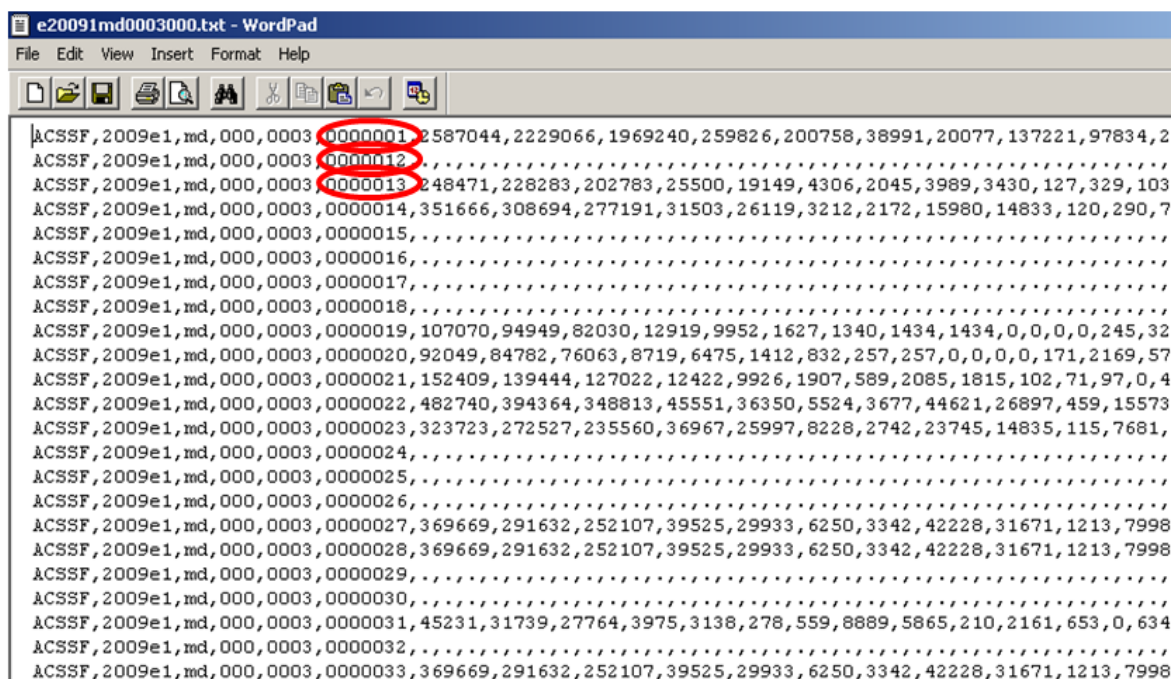
Here is the record layout of the estimates and the margin of error files:

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. 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.



3 User Tools

3.1 Summary File Excel Retrieval Tool

For 2005-2009 ACS 5-year data, there are 295 Detailed Tables and all block group data not available on AFF. 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.

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
- Office 2007 or newer
- DSL connection at 1.0 Mbps or greater is recommended

3.2 Summary File Data Ferrett Application

Data from the summary file can be accessed using Data Ferrett, a software application developed by the Census Bureau for disseminating large amounts of data. Users who have accessed the Public Use Microdata Sample (PUMS) files are likely already familiar with Data Ferrett. As with the Summary File Excel Retrieval Tool, the Data Ferrett approach is similar to American Factfinder. Users only need to know what detailed table they want; no reference to file organization of the ACS Summary File is required (e.g., “sequence number”). This is an ideal application if you would like to download a large number of geographic areas for a small number of tables at one time—for example, the age by sex table for all tracts in the country.

There are some limitations to the Data Ferrett application. There is a maximum of 67,000 geographic areas with up to 250 table lines in the extract. There can be no more than about 500 table lines in any single extract, and no more than 4 detailed tables in a single extract. Also, for the initial release of the application, only some of the summary levels are available. Please see the Data Ferrett documentation for the specific summary levels.

For a tutorial on how to use and access this application to retrieve Summary File data, please visit dataferrett.census.gov/acs/acs2005-2009sf_readme.html. Documentation of the important features and limitations of the initial release of the 2005-2009 ACS 5-Year Summary File in Data Ferrett can also be found there. For general information about the Data Ferrett tool, consult their home page at dataferrett.census.gov/index.html.

3.3 Summary File SAS Tool

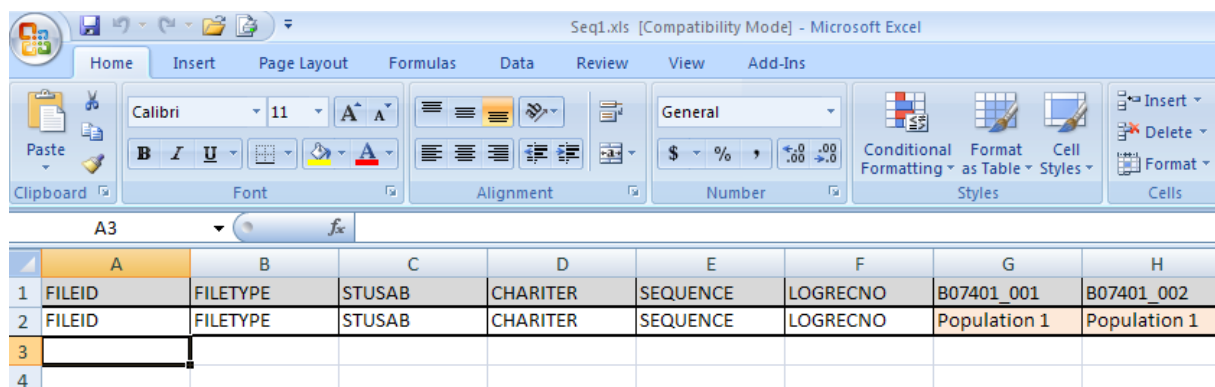
For users with SAS software, please visit the User Tools folder www2.census.gov/acs2009_5yr/summaryfile/UserTools/ to download SAS programs. These programs allow users to load the Summary File data into SAS Datasets. The SAS programs serve as a reference for the users, and include variable labels, however 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) SF20095YR_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.

3.4 Summary File Excel Import Tool

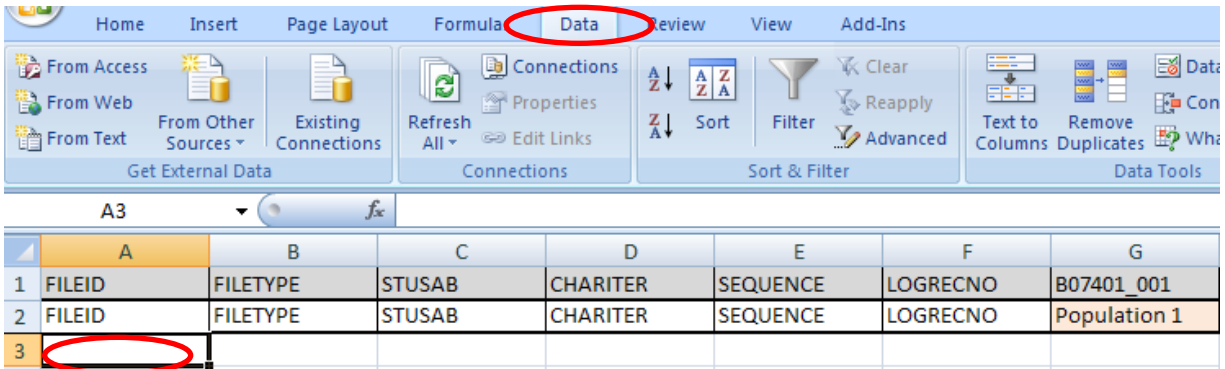
This tool requires that users first download the Summary File data and Excel Templates SummaryFileXLS.zip from www2.census.gov/acs2009_5yr/summaryfile/UserTools/. The zip file is a compressed file that contains individual Excel files and one geography file per Summary File Sequence. This tool is designed to be compatible with any version of Excel. Following are instructions on how to use this tool.

Open the appropriate Excel template for the Sequence ID you would like to import into Excel. The file will default to open on sheet “E”. Both sheets “E” and “M” have the same information; one sheet is for “Estimates” and one sheet for “Margins of Error”. When the file is open in Excel it should appear as below:

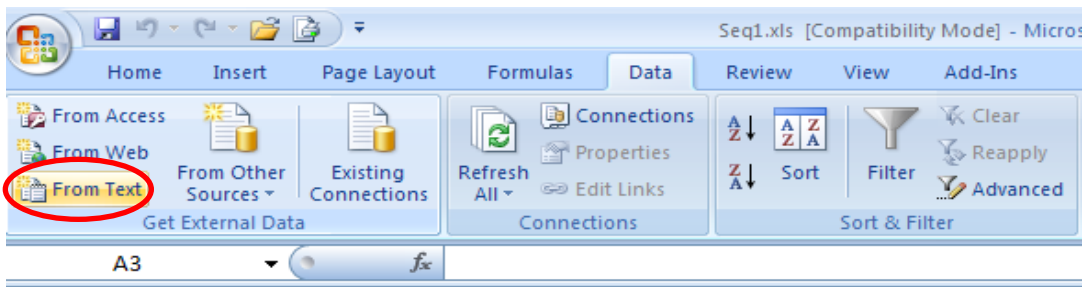


	A	B	C	D	E	F	G	H
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	B07401_001	B07401_002
2	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	Population 1	Population 1
3								
4								

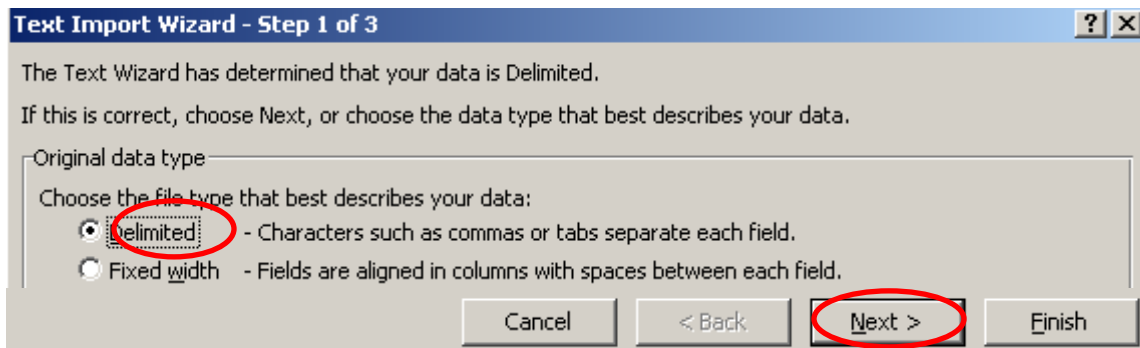
Place your cursor in cell **A3** and click on the **Data** tab in the Excel tool bar. See below:



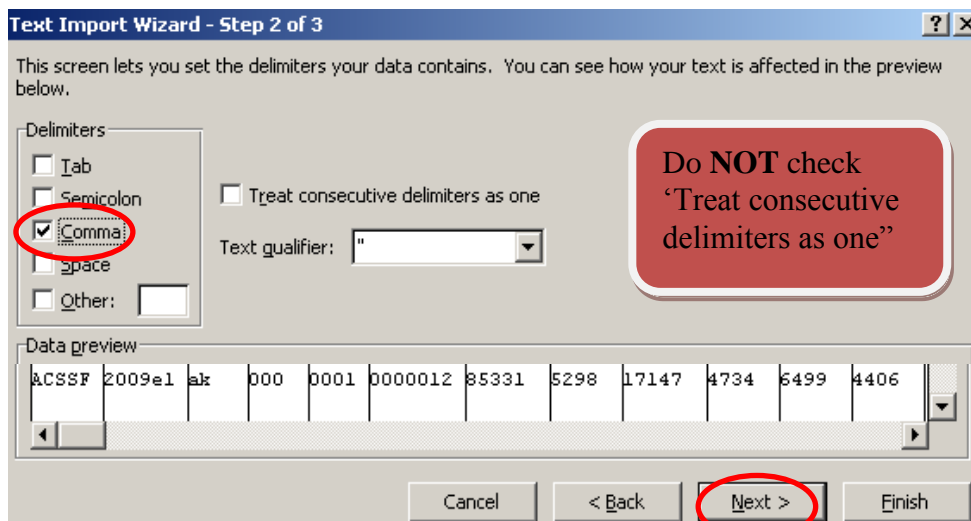
To import the Summary File text file into Excel click on **From Text** in the **Get External Data** section of the tool bar.



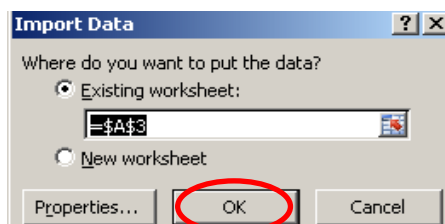
Step 1 of the **Text Import Wizard** will appear. Under **Original data type** choose **Delimited**, and then click **Next**.



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.



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



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	711753	46387	132281	26759	58997	60325

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	20091 us		0	135	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.

3.5 Merging a Geography File with Estimates or Margins of Error Files in Excel

- 1) Download estimates and margins of error zipped files from the browser Internet Explorer and unzip to a local directory.
- 2) Download Excel geography files to the same local directory. Geography files are in http://www2.census.gov/acs2009_5yr/summaryfile/UserTools/Geography. For example for California, download ca.xls, and for summary levels that can cross state boundaries, download us.xls. Note that US geographies (us.xls) and US zipped estimates and margins of error files are for those summary levels that can cross state boundaries. They are not the data at the national summary level.
- 3) Download the Summary File Excel Import Tool from http://www2.census.gov/acs2009_5yr/summaryfile/UserTools/2005-2009_SummaryFileXLS.zip. Unzip the file to the same local directory.
- 4) Follow the instructions in [Section 3.3](#) to read in the data by the sequence. For example, here is the screenshot for sequence 1 (the screenshots are for illustration purposes only and may not reflect the current 5-year data):

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	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	B07401_12	B07401_13	B07401_14
2	FILEID	FILETYPE	U	H	E	ECNO	Population	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio
3	ACSSF	2.01E+08	ca	0	1	1	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669018	2393225	2011105	1553675	1140047	9063
4	ACSSF	2.01E+08	ca	0	1	13	1429027	83577	239198	33662	88861	114867	113564	114232	117032	113220	102494	89240	63546	43572	347
5	ACSSF	2.01E+08	ca	0	1	14	1292	41	269	73	47	34	105	84	105	155	129	81	69	48	2
6	ACSSF	2.01E+08	ca	0	1	15	37552	1234	5313	1182	1707	1601	1832	2444	2478	2997	3435	3484	2793	2107	16
7	ACSSF	2.01E+08	ca	0	1	16	210339	9187	33513	7891	27640	10915	9680	11036	12521	14690	15299	14385	11313	8504	72
8	ACSSF	2.01E+08	ca	0	1	17	46501	1586	7324	1184	2497	1643	1825	2143	3262	3791	4361	3967	4021	2761	25
9	ACSSF	2.01E+08	ca	0	1	18	20442	1379	4168	795	1720	1100	1249	1205	1434	1448	1406	1089	944	841	4
10	ACSSF	2.01E+08	ca	0	1	19	1000914	55041	189999	29303	59694	58100	59323	72211	81989	83956	75978	64383	51111	34621	272
11	ACSSF	2.01E+08	ca	0	1	20	27979	1207	4880	685	2074	1994	1836	1938	1960	2220	2190	1797	1427	927	9
12	ACSSF	2.01E+08	ca	0	1	21	173775	8418	31894	5224	8712	7741	8306	10628	14651	16687	16063	13481	11624	6993	48
13	ACSSF	2.01E+08	ca	0	1	22	873285	64124	192483	27386	70437	71972	59497	57283	58449	57343	51810	43321	33818	24703	191
14	ACSSF	2.01E+08	ca	0	1	23	27931	1750	6124	913	2002	1806	1699	1731	1787	1899	1840	1735	1193	1226	5
15	ACSSF	2.01E+08	ca	0	1	24	125537	5951	18533	3940	14867	8710	7157	7382	7497	9074	9935	9407	6654	4635	39
16	ACSSF	2.01E+08	ca	0	1	25	155457	11995	33489	5964	12419	10856	10093	9664	11327	10871	9120	7504	5383	4590	38
17	ACSSF	2.01E+08	ca	0	1	26	16924	687	2775	452	1072	730	772	772	1297	1479	1438	1450	1082	934	6
18	ACSSF	2.01E+08	ca	0	1	27	748753	55497	171481	24684	56575	55374	50684	49433	52647	52308	45554	36602	28158	22131	168
19	ACSSF	2.01E+08	ca	0	1	28	138697	9982	27598	4435	12907	12532	11430	12224	9758	9326	7279	5741	4676	3332	27
20	ACSSF	2.01E+08	ca	0	1	29	63531	2956	10849	1685	3607	3056	2863	3753	4112	5028	5316	4886	4532	3382	25
21	ACSSF	2.01E+08	ca	0	1	30	32641	1427	4712	809	2390	2861	2828	2934	2907	2897	2210	2219	1445	976	6
22	ACSSF	2.01E+08	ca	0	1	31	9724160	593885	1846456	281221	692146	802114	760768	760495	737833	706722	624235	515189	391138	289601	2325
23	ACSSF	2.01E+08	ca	0	1	32	139891	9589	30163	4146	9547	9901	8751	9626	9493	9834	9033	8052	6696	5038	35

5) Next, pad 0s for logical record number LOGRECNO.

- a. Add a column next to LOGRECNO. To do this, **Highlight** column G, then **Right Click** and click **Insert**.

The screenshot shows Microsoft Excel with a spreadsheet titled 'Seq1'. Column G is highlighted, and a context menu is open with 'Insert' selected. The spreadsheet data includes columns for FILEID, FILETYPE, STATE, COUNTY, LOGRECNO, and various population variables (e.g., POPULATION, POPULATION1, POPULATION2, etc.). The data is organized by year (2005-2009) and state (e.g., AL, AK, AZ, etc.).

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

The screenshot shows the same Microsoft Excel spreadsheet after the insertion of a new column. Column G is now labeled 'LOGRECNO' for rows 1 and 2. The spreadsheet data includes columns for FILEID, FILETYPE, STATE, COUNTY, LOGRECNO, and various population variables (e.g., POPULATION, POPULATION1, POPULATION2, etc.). The data is organized by year (2005-2009) and state (e.g., AL, AK, AZ, etc.).

- c. **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	T
1	FILEID	FILETYPE	ST	CS	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	B07401_12
2	FILEID	FILETYPE	B	R	LOGRECNO	LOGRECNO		Population	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic
3	ACSSF	2.01E+08	ca	0	1	1	0000001	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669018	2393225	2011105	155367
4	ACSSF	2.01E+08	ca	0	1	13		1429027	83577	239198	33662	88861	114867	113564	114232	117032	113220	102494	89240	6354
5	ACSSF	2.01E+08	ca	0	1	14		1292	41	269	73	47	34	105	84	105	155	129	81	6
6	ACSSF	2.01E+08	ca	0	1	15		37552	1234	5313	1182	1707	1601	1832	2444	2478	2997	3435	3484	279
7	ACSSF	2.01E+08	ca	0	1	16		210339	9187	33513	7891	27640	10915	9680	11036	12521	14690	15299	14385	1131
8	ACSSF	2.01E+08	ca	0	1	17		46501	1586	7324	1184	2497	1643	1825	2143	3262	3791	4361	3967	402
9	ACSSF	2.01E+08	ca	0	1	18		20442	1379	4168	795	1720	1100	1249	1205	1434	1448	1406	1089	94
10	ACSSF	2.01E+08	ca	0	1	19		1000914	55041	189999	29303	59694	58100	59323	72211	81989	83956	75978	64383	5111
11	ACSSF	2.01E+08	ca	0	1	20		27979	1207	4880	685	2074	1994	1836	1938	1960	2220	2190	1797	142
12	ACSSF	2.01E+08	ca	0	1	21		173775	8418	31894	5224	8712	7741	8306	10628	14651	16687	16063	13481	1162
13	ACSSF	2.01E+08	ca	0	1	22		873285	64124	192483	27386	70437	71972	59497	57283	58449	57343	51810	43321	3381
14	ACSSF	2.01E+08	ca	0	1	23		27931	1750	6124	913	2002	1806	1699	1731	1787	1899	1840	1735	119
15	ACSSF	2.01E+08	ca	0	1	24		125537	5951	18533	3940	14867	8710	7157	7382	7497	9074	9935	9407	665
16	ACSSF	2.01E+08	ca	0	1	25		155457	11995	33489	5964	12419	10856	10093	9664	11327	10871	9120	7504	538

- d. **Copy and paste** the formula in cell G3 down column G to the last row of the 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	CS	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	B07401_12
2	FILEID	FILETYPE	B	R	LOGRECNO	LOGRECNO		Population	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic
3	ACSSF	2.01E+08	ca	0	1	1	0000001	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669018	2393225	2011105	155367
4	ACSSF	2.01E+08	ca	0	1	13		1429027	83577	239198	33662	88861	114867	113564	114232	117032	113220	102494	89240	6354
5	ACSSF	2.01E+08	ca	0	1	14		1292	41	269	73	47	34	105	84	105	155	129	81	6
6	ACSSF	2.01E+08	ca	0	1	15		37552	1234	5313	1182	1707	1601	1832	2444	2478	2997	3435	3484	279
7	ACSSF	2.01E+08	ca	0	1	16		210339	9187	33513	7891	27640	10915	9680	11036	12521	14690	15299	14385	1131
8	ACSSF	2.01E+08	ca	0	1	17		46501	1586	7324	1184	2497	1643	1825	2143	3262	3791	4361	3967	402
9	ACSSF	2.01E+08	ca	0	1	18		20442	1379	4168	795	1720	1100	1249	1205	1434	1448	1406	1089	94
10	ACSSF	2.01E+08	ca	0	1	19		1000914	55041	189999	29303	59694	58100	59323	72211	81989	83956	75978	64383	5111
11	ACSSF	2.01E+08	ca	0	1	20		27979	1207	4880	685	2074	1994	1836	1938	1960	2220	2190	1797	142
12	ACSSF	2.01E+08	ca	0	1	21		173775	8418	31894	5224	8712	7741	8306	10628	14651	16687	16063	13481	1162
13	ACSSF	2.01E+08	ca	0	1	22		873285	64124	192483	27386	70437	71972	59497	57283	58449	57343	51810	43321	3381
14	ACSSF	2.01E+08	ca	0	1	23		27931	1750	6124	913	2002	1806	1699	1731	1787	1899	1840	1735	119
15	ACSSF	2.01E+08	ca	0	1	24		125537	5951	18533	3940	14867	8710	7157	7382	7497	9074	9935	9407	665
16	ACSSF	2.01E+08	ca	0	1	25		155457	11995	33489	5964	12419	10856	10093	9664	11327	10871	9120	7504	538

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO		B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8	B07401_9	B07401_0	B07401_1	B07401_2
76	ACSSF	2.01E+08	ca	0	1	45276	0045276	781534	48484	151995	24281	53839	49549	46609	54060	59866	63828	57178	46929	3659
77	ACSSF	2.01E+08	ca	0	1	45277	0045277	53100	1908	7541	1170	3036	2999	2288	2897	3012	4166	4647	4349	413
78	ACSSF	2.01E+08	ca	0	1	45278	0045278	59766	3192	11625	1865	3536	3439	3134	3520	4094	4499	4208	4132	319
79	ACSSF	2.01E+08	ca	0	1	45279	0045279	177426	8830	31398	4998	11735	10525	8623	9692	12390	13599	13806	12950	1112
80	ACSSF	2.01E+08	ca	0	1	45280	0045280	3895829	256456	871794	126225	285348	272986	258187	277940	287538	282194	241748	192414	15150
81	ACSSF	2.01E+08	ca	0	1	45281	0045281	2025777	117589	380517	58595	146359	144545	132831	143742	149841	157269	142672	121524	9330
82	ACSSF	2.01E+08	ca	0	1	45282	0045282	396935	28384	74957	12463	33411	31130	28498	27051	28832	27567	25207	21800	1679
83	ACSSF	2.01E+08	ca	0	1	45283	0045283	2923356	177614	509251	82256	234625	239093	211194	211949	213545	220481	198883	164345	12716
84	ACSSF	2.01E+08	ca	0	1	45284	0045284	4153000	221890	650515	97626	242901	313546	323542	334600	337489	331492	305789	269702	20521
85	ACSSF	2.01E+08	ca	0	1	45285	0045285	1748599	109793	303994	46245	108499	131589	141886	148299	142639	137801	119215	96732	7363
86	ACSSF	2.01E+08	ca	0	1	45286	0045286	250126	10681	36290	8892	31933	11438	11281	14822	16215	19758	19951	17906	1365
87	ACSSF	2.01E+08	ca	0	1	45287	0045287	392499	23284	67529	15345	47494	20850	21958	24062	26961	27404	25737	22258	1746
88	ACSSF	2.01E+08	ca	0	1	45288	0045288	248447	13572	39243	9648	27214	12852	14117	16289	18000	19613	20201	18159	1279
89	ACSSF	2.01E+08	ca	0	1	45289	0045289	458542	23474	75936	13146	30451	30869	26073	30339	32992	37672	37228	33745	2612
90	ACSSF	2.01E+08	ca	0	1	45290	0045290	645707	43693	144555	21146	45830	44328	42067	46093	46461	46767	40530	33289	2649
91	ACSSF	2.01E+08	ca	0	1	45291	0045291	32641	1427	4712	809	2390	2861	2828	2934	2907	2897	2210	2219	144
92	ACSSF	2.01E+08	ca	0	1	45292	0045292	96027	3328	14645	2379	4802	4186	3670	5470	6017	8407	9194	9053	732
93	ACSSF	2.01E+08	ca	0	1	45293	0045293	86287	4595	14617	2364	5418	4959	4760	5420	5269	6266	6897	6889	592
94	ACSSF	2.01E+08	ca	0	1	45294	0045294	401151	21799	78010	11690	28965	26850	26259	28478	30476	32071	29611	24533	1896
95	ACSSF	2.01E+08	ca	0	1	45295	0045295	408127	31911	96422	13971	30984	30438	27047	27144	26095	26357	23095	20059	1548
96	ACSSF	2.01E+08	ca	0	1	45296	0045296	156545	10749	32649	4664	11155	11600	10375	10329	10799	11106	9534	8606	719

6) Add geographies by using common merged keys.

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

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO		GEOID	Geography Name	B07401_0	B07401_1	B07401_2	B07401_3	B07401_4	B07401_5	B07401_6	B07401_7	B07401_8	B07401_9
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Population	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Populatic	Popul
3	ACSSF	2.01E+08	ca	0	1	1	0000001			35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669
4	ACSSF	2.01E+08	ca	0	1	13	0000013			1429027	83577	239198	33662	88861	114867	113564	114232	117032	113
5	ACSSF	2.01E+08	ca	0	1	14	0000014			1292	41	269	73	47	34	105	84	105	
6	ACSSF	2.01E+08	ca	0	1	15	0000015			37552	1234	5313	1182	1707	1601	1832	2444	2478	2
7	ACSSF	2.01E+08	ca	0	1	16	0000016			210339	9187	33513	7891	27640	10915	9680	11036	12521	14
8	ACSSF	2.01E+08	ca	0	1	17	0000017			46501	1586	7324	1184	2497	1643	1825	2143	3262	3
9	ACSSF	2.01E+08	ca	0	1	18	0000018			20442	1379	4168	795	1720	1100	1249	1205	1434	1
10	ACSSF	2.01E+08	ca	0	1	19	0000019			1000914	55041	189999	29303	59694	58100	59323	72211	81989	83
11	ACSSF	2.01E+08	ca	0	1	20	0000020			27979	1207	4880	685	2074	1994	1836	1938	1960	2
12	ACSSF	2.01E+08	ca	0	1	21	0000021			173775	8418	31894	5224	8712	7741	8306	10628	14651	16
13	ACSSF	2.01E+08	ca	0	1	22	0000022			873285	64124	192483	27386	70437	71972	59497	57283	58449	57
14	ACSSF	2.01E+08	ca	0	1	23	0000023			27931	1750	6124	913	2002	1806	1699	1731	1787	1
15	ACSSF	2.01E+08	ca	0	1	24	0000024			125537	5951	18533	3940	14867	8710	7157	7382	7497	9
16	ACSSF	2.01E+08	ca	0	1	25	0000025			155457	11995	33489	5964	12419	10856	10093	9664	11327	10

- 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,[ca.xls]Sheet1!B:C,2,0)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	FILEID	FILETYPE	STATE	LOGRECNO	LOGRECNO	GEOID	Geography Name												
1																			
2	FILEID	FILETYPE	STATE	LOGRECNO	LOGRECNO	GEOID	Geography Name	Population	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio
3	ACSSF	2.01E+08	ca	01	1 0000001	04000US06		35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669		
4	ACSSF	2.01E+08	ca	01	13 0000013			1429027	83577	239198	33662	88861	114867	113564	114232	117032	113		
5	ACSSF	2.01E+08	ca	01	14 0000014			1292	41	269	73	47	34	105	84	105			
6	ACSSF	2.01E+08	ca	01	15 0000015			37552	1234	5313	1182	1707	1601	1832	2444	2478	2		
7	ACSSF	2.01E+08	ca	01	16 0000016			210339	9187	33513	7891	27640	10915	9680	11036	12521	14		
8	ACSSF	2.01E+08	ca	01	17 0000017			46501	1586	7324	1184	2497	1643	1825	2143	3262	3		
9	ACSSF	2.01E+08	ca	01	18 0000018			20442	1379	4168	795	1720	1100	1249	1205	1434	1		
10	ACSSF	2.01E+08	ca	01	19 0000019			1000914	55041	189999	29303	59694	58100	59323	72211	81989	83		
11	ACSSF	2.01E+08	ca	01	20 0000020			27979	1207	4880	685	2074	1994	1836	1938	1960	2		
12	ACSSF	2.01E+08	ca	01	21 0000021			173775	8418	31894	5224	8712	7741	8306	10628	14651	16		
13	ACSSF	2.01E+08	ca	01	22 0000022			873285	64124	192483	27386	70437	71972	59497	57283	58449	57		
14	ACSSF	2.01E+08	ca	01	23 0000023			27931	1750	6124	913	2002	1806	1699	1731	1787	1		
15	ACSSF	2.01E+08	ca	01	24 0000024			125537	5951	18533	3940	14867	8710	7157	7382	7497	9		
16	ACSSF	2.01E+08	ca	01	25 0000025			155457	11995	33489	5964	12419	10856	10093	9664	11327	10		

- 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,[ca.xls]Sheet1!C:D,2,0)**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
	FILEID	FILETYPE	STATE	LOGRECNO	LOGRECNO	GEOID	Geography Name												
1																			
2	FILEID	FILETYPE	STATE	LOGRECNO	LOGRECNO	GEOID	Geography Name	Population	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio	Populatio
3	ACSSF	2.01E+08	ca	01	1 0000001	04000US06	California	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055	2669		
4	ACSSF	2.01E+08	ca	01	13 0000013			1429027	83577	239198	33662	88861	114867	113564	114232	117032	113		
5	ACSSF	2.01E+08	ca	01	14 0000014			1292	41	269	73	47	34	105	84	105			
6	ACSSF	2.01E+08	ca	01	15 0000015			37552	1234	5313	1182	1707	1601	1832	2444	2478	2		
7	ACSSF	2.01E+08	ca	01	16 0000016			210339	9187	33513	7891	27640	10915	9680	11036	12521	14		
8	ACSSF	2.01E+08	ca	01	17 0000017			46501	1586	7324	1184	2497	1643	1825	2143	3262	3		
9	ACSSF	2.01E+08	ca	01	18 0000018			20442	1379	4168	795	1720	1100	1249	1205	1434	1		
10	ACSSF	2.01E+08	ca	01	19 0000019			1000914	55041	189999	29303	59694	58100	59323	72211	81989	83		
11	ACSSF	2.01E+08	ca	01	20 0000020			27979	1207	4880	685	2074	1994	1836	1938	1960	2		
12	ACSSF	2.01E+08	ca	01	21 0000021			173775	8418	31894	5224	8712	7741	8306	10628	14651	16		
13	ACSSF	2.01E+08	ca	01	22 0000022			873285	64124	192483	27386	70437	71972	59497	57283	58449	57		
14	ACSSF	2.01E+08	ca	01	23 0000023			27931	1750	6124	913	2002	1806	1699	1731	1787	1		
15	ACSSF	2.01E+08	ca	01	24 0000024			125537	5951	18533	3940	14867	8710	7157	7382	7497	9		
16	ACSSF	2.01E+08	ca	01	25 0000025			155457	11995	33489	5964	12419	10856	10093	9664	11327	10		

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	R
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO	GEOID	Geography Name		B07401_0	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_	B07401_
2	FILEID	FILETYPE	B	R	E	LOGRECNO	LOGRECNO	GEOID	Geography Name	Population	Population	Population	Population	Population	Population	Population	Population	Population
3	ACSSF	2.01E+08	ca	0	1	1	0000001	04000US06	California	35670139	2172213	6741038	1035095	2569016	2686834	2547355	2651814	2677055
4	ACSSF	2.01E+08	ca	0	1	13	0000013			198	33662	88861	114867	113564	114232	117032		
5	ACSSF	2.01E+08	ca	0	1	14	0000014			269	73	47	34	105	84	105		
6	ACSSF	2.01E+08	ca	0	1	15	0000015			313	1182	1707	1601	1832	2444	2478		
7	ACSSF	2.01E+08	ca	0	1	16	0000016			513	7891	27640	10915	9680	11036	12521		
8	ACSSF	2.01E+08	ca	0	1	17	0000017			7324	1184	2497	1643	1825	2143	3262		
9	ACSSF	2.01E+08	ca	0	1	18	0000018			168	795	1720	1100	1249	1205	1434		
10	ACSSF	2.01E+08	ca	0	1	19	0000019			999	29303	59694	58100	59323	72211	81989		
11	ACSSF	2.01E+08	ca	0	1	20	0000020			880	685	2074	1994	1836	1938	1960		
12	ACSSF	2.01E+08	ca	0	1	21	0000021			894	5224	8712	7741	8306	10628	14651		
13	ACSSF	2.01E+08	ca	0	1	22	0000022			483	27386	70437	71972	59497	57283	58449		
14	ACSSF	2.01E+08	ca	0	1	23	0000023			124	913	2002	1806	1699	1731	1787		
15	ACSSF	2.01E+08	ca	0	1	24	0000024			533	3940	14867	8710	7157	7382	7497		
16	ACSSF	2.01E+08	ca	0	1	25	0000025			489	5964	12419	10856	10093	9664	11327		

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
1	FILEID	FILETYPE	ST	CS	LOGRECNO	LOGRECNO	GEOID	Geography Name		B07401_0
76	ACSSF	2.01E+08	ca	0	1	45276	0045276	31100US3710006	California (part); Oxnard-Thousand Oaks-Ventura, CA Metro Area	781534
77	ACSSF	2.01E+08	ca	0	1	45277	0045277	31100US3802006	California (part); Phoenix Lake-Cedar Ridge, CA Micro Area	53100
78	ACSSF	2.01E+08	ca	0	1	45278	0045278	31100US3978006	California (part); Red Bluff, CA Micro Area	59766
79	ACSSF	2.01E+08	ca	0	1	45279	0045279	31100US3982006	California (part); Redding, CA Metro Area	177426
80	ACSSF	2.01E+08	ca	0	1	45280	0045280	31100US4014006	California (part); Riverside-San Bernardino-Ontario, CA Metro Area	3895829
81	ACSSF	2.01E+08	ca	0	1	45281	0045281	31100US4090006	California (part); Sacramento--Arden-Arcade--Roseville, CA Metro Area	2025777
82	ACSSF	2.01E+08	ca	0	1	45282	0045282	31100US4150006	California (part); Salinas, CA Metro Area	396935
83	ACSSF	2.01E+08	ca	0	1	45283	0045283	31100US4174006	California (part); San Diego-Carlsbad-San Marcos, CA Metro Area	2923356
84	ACSSF	2.01E+08	ca	0	1	45284	0045284	31100US4186006	California (part); San Francisco-Oakland-Fremont, CA Metro Area	4153000
85	ACSSF	2.01E+08	ca	0	1	45285	0045285	31100US4194006	California (part); San Jose-Sunnyvale-Santa Clara, CA Metro Area	1748599
86	ACSSF	2.01E+08	ca	0	1	45286	0045286	31100US4202006	California (part); San Luis Obispo-Paso Robles, CA Metro Area	250126
87	ACSSF	2.01E+08	ca	0	1	45287	0045287	31100US4206006	California (part); Santa Barbara-Santa Maria-Goleta, CA Metro Area	392499
88	ACSSF	2.01E+08	ca	0	1	45288	0045288	31100US4210006	California (part); Santa Cruz-Watsonville, CA Metro Area	248447
89	ACSSF	2.01E+08	ca	0	1	45289	0045289	31100US4222006	California (part); Santa Rosa-Petaluma, CA Metro Area	458542
90	ACSSF	2.01E+08	ca	0	1	45290	0045290	31100US4470006	California (part); Stockton, CA Metro Area	645707
91	ACSSF	2.01E+08	ca	0	1	45291	0045291	31100US4500006	California (part); Susanville, CA Micro Area	32641
92	ACSSF	2.01E+08	ca	0	1	45292	0045292	31100US4602006	California (part); Truckee-Grass Valley, CA Micro Area	96027
93	ACSSF	2.01E+08	ca	0	1	45293	0045293	31100US4638006	California (part); Ukiah, CA Micro Area	86287
94	ACSSF	2.01E+08	ca	0	1	45294	0045294	31100US4670006	California (part); Vallejo-Fairfield, CA Metro Area	401151
95	ACSSF	2.01E+08	ca	0	1	45295	0045295	31100US4730006	California (part); Visalia-Porterville, CA Metro Area	408127
96	ACSSF	2.01E+08	ca	0	1	45296	0045296	31100US4970006	California (part); Yuba City, CA Metro Area	156545

4 User References

4.1 Detailed Tables for the 2005-2009 ACS 5-Year Estimates

It contains information on all detailed tables included in the 2005-2009 ACS 5-year Summary File. It also indicates which tables will be available at the block group level, and tables that will be available only on the Summary File (not available on American FactFinder). The table list is located in [Appendix E](#).

4.2 2005-2009 ACS 5-Year Summary Levels/Components For Detailed Tables

It contains a list of the summary levels and components that are included in the 2005-2009 ACS 5-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 both Excel and SAS dataset format, and is located here: www2.census.gov/acs2009_5yr/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/acs2009_5yr/summaryfile/.

4.5 Excel Geography Files

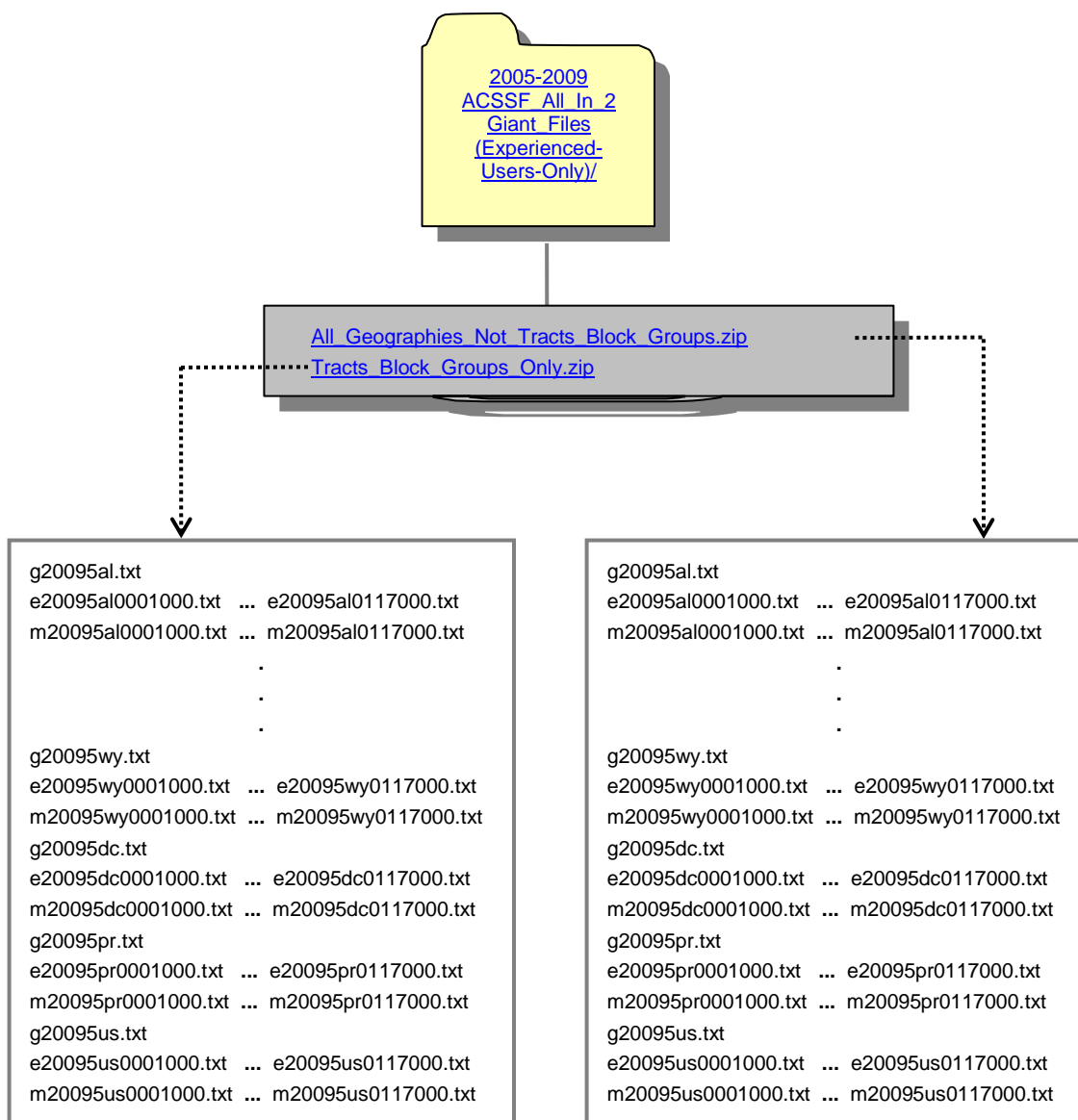
It contains logical record numbers (LOGRECNO), geography ID, and geographic labels by state. There are total of 53 spreadsheets in the folder: one for each state, the District of Columbia and Puerto Rico, and one for geographies that cross state boundaries. The mini geography file list is located on the following site: www2.census.gov/acs2009_5yr/summaryfile/UserTools/.

Appendix A: Supplemental Documentation

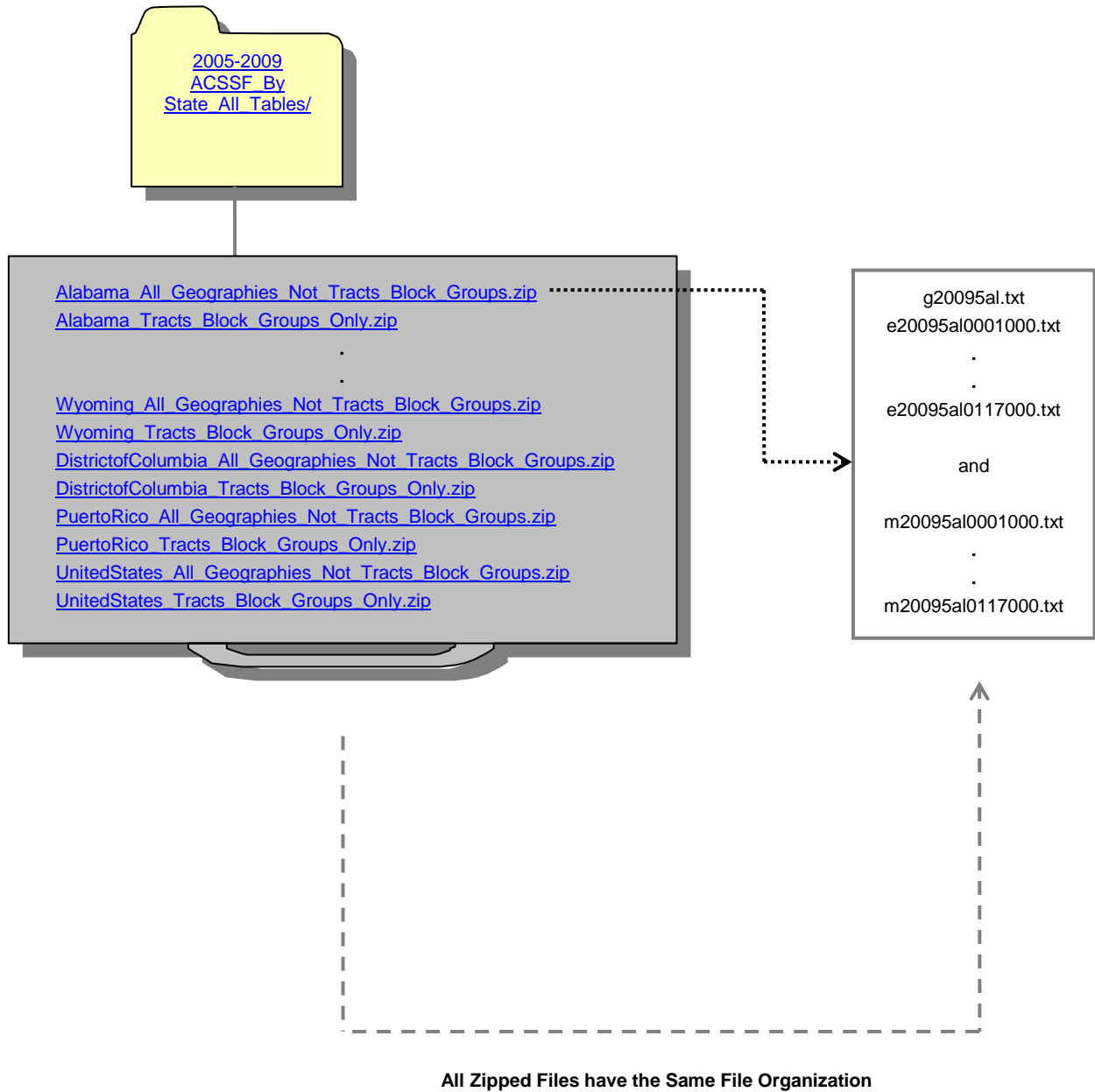
Supplemental documentation concerning the American Community Survey, to assist users using this technical document, is located on the ACS Website at: www.census.gov/acs/www/data_documentation/documentation_main/. Documents such as the Subject Definitions, Accuracy of the Data, and Code Lists are available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

Appendix B: Graphical Representation of ACS Summary File Organization

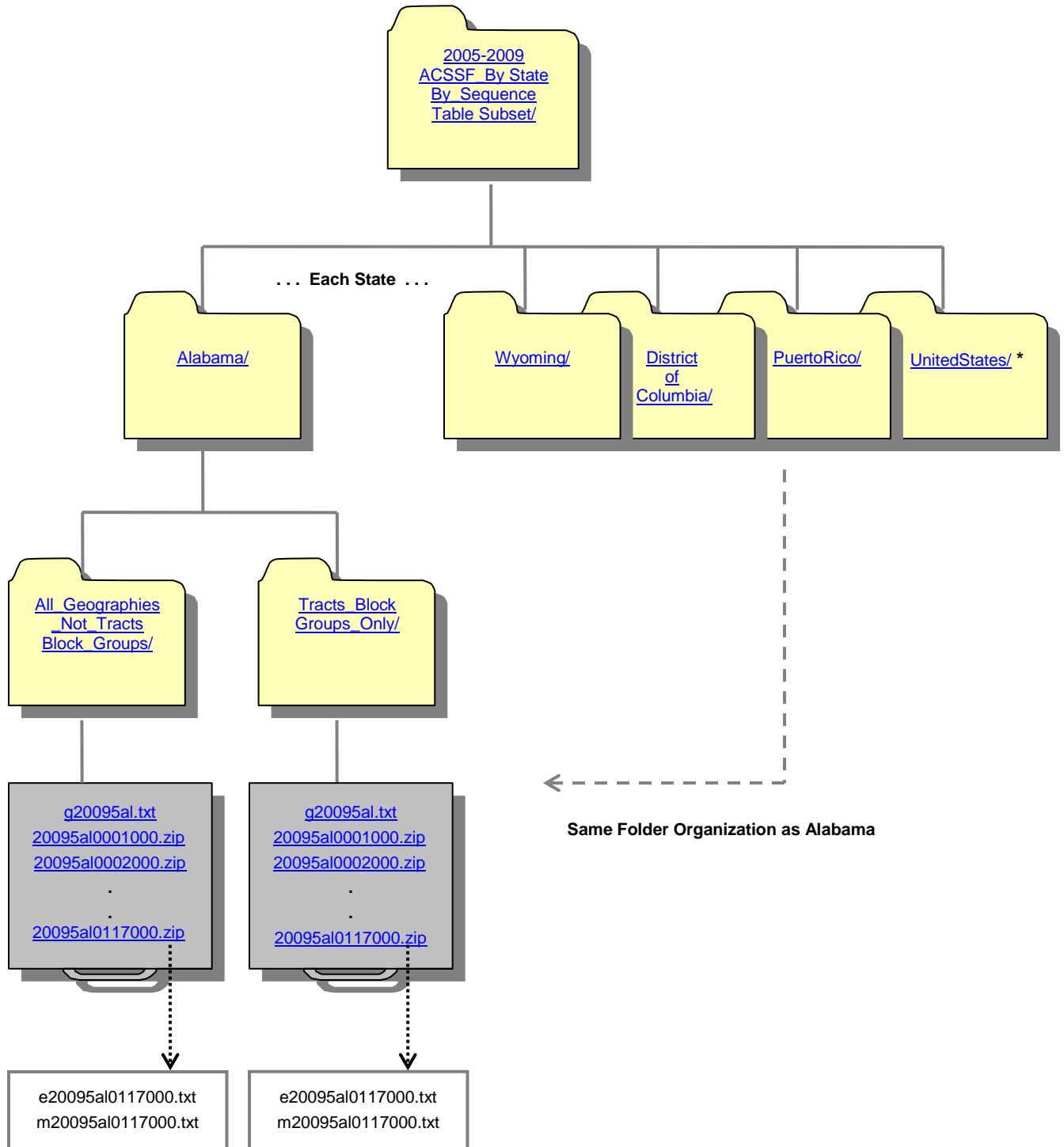
B.1 2005-2009 ACSSF All In 2 Giant Files (Experienced-Users-Only)



B.2 2005-2009 ACSSF By State All Tables



B.3 2005-2009 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

C.1 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 (and their meaning), can appear in the ACS Summary File table as an explanation for the absence of data:

- Missing Value ="."

A dot "." indicates that the estimate is unavailable. All ACS tables contain these values when estimates are missing due to no sample observations or too few sample observations. It could also indicate that the estimate was removed due to Disclosure Review Board (DRB) requirements. 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.

- Geographic Restriction =" "

A blank indicates that a value is not shown due to a geographic restriction. For example, there are some estimates that are not computed at all for certain geographies, such as tables that are not tabulated for the block group level.

- Margin of Error (MOE) ="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.

- Medians

Below 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.

Jam Value	Actual Meaning	Use for Medians
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.2 Rounding Rules, Margin of Errors (MOE)

1. 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* quality measure tables (except B98001 and B98002) do not provide margin of error calculations. The margin of error calculations are set to -1 for these tables.

2. 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.3 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.4 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:

US/State-only Sequences – Missing PR Data	PR Only Sequences – Missing US/State Data
1 (US)	108 (PR)
2 (US)	109 (PR)
17 (US)	110 (PR)
18 (US)	111 (PR)
20 (US)	112 (PR)
21 (US)	113 (PR)
22 (US)	114 (PR)
23 (US)	115 (PR)
24 (US)	116 (PR)
106 (US)	117 (PR)

Therefore, for sequences 108-117 for areas other than Puerto Rico, the sequence files exist, but they are blank.

C.5 Multiple Sequences For a Table

There are six tables with 499 cells. Due to the size restriction on the sequences (no more than 245 cells), each of the tables are broken down into three sequences. These tables 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. The table on the next page shows the tables that contain multiple sequences:

Tables That Are Contained in More Than One Sequence File

Table ID	Table Title	Sequences
B24121	Detailed Occupation By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over	78, 79, 80
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	81, 82, 83
B24123	Detailed Occupation For The Full-Time, Year Round Civilian Employed Population 16 Years And Over	84, 85, 86
B24124	Detailed Occupation For The Full-Time, Year Round Civilian Employed Male Population 16 Years And Over	87, 88, 89
B24125	Detailed Occupation For The Full-Time, Year Round Civilian Employed Male Population 16 Years And Over	90, 91, 92
B24126	Detailed Occupation For The Full-Time, Year Round Civilian Employed Female Population 16 Years And Over	93, 94, 95

Appendix D: Examples

D.1 Creating a Table

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 zip 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 zip 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 B08406 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	SEX OF WORKERS BY MEANS OF TRANSPORTATION TO WORK FOR WORKPLACE GEOGRAPHY		
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 using SAS. Suppose you are interested in downloading table B01001 for all published ACS geographies. How would you do this?

Start by going 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 available. They can be located at www2.census.gov/acs2009_5yr/summaryfile.

Use the Summary File SAS Example Macros, located at www2.census.gov/acs2009_5yr/summaryfile/UserTools/, to run the following macro:

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

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

Note that table B01001 is located in Sequence 0013; this applies to all published geographies. You 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:

- Read the geographic header file - %AnyGeo Macro.
- 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.
- 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.

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<state two-digit abbrev>.sas7bdat.

Appendix E: Detailed Tables for the 2005-2009 ACS 5-Year Estimates

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only In Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B00001	Unweighted Sample Count Of Population	See Note 1		See Note 1	9	7-7
B00002	Unweighted Sample Housing Units	See Note 1		See Note 1	9	8-8
B01001	Sex By Age	x		x	10	7-55
B01001A	Sex By Age (White Alone)	x			10	56-86
B01001B	Sex By Age (Black Or African American Alone)	x			10	87-117
B01001C	Sex By Age (American Indian And Alaska Native Alone)	x			10	118-148
B01001D	Sex By Age (Asian Alone)	x			10	149-179
B01001E	Sex By Age (Native Hawaiian And Other Pacific Islander Alone)	x			11	7-37
B01001F	Sex By Age (Some Other Race Alone)	x			11	38-68
B01001G	Sex By Age (Two Or More Races)	x			11	69-99
B01001H	Sex By Age (White Alone Not Hispanic Or Latino)	x			11	100-130
B01001I	Sex By Age (Hispanic Or Latino)	x			11	131-161
B01002	Median Age By Sex	x		x	11	162-164
B01002A	Median Age By Sex (White Alone)	x		x	11	165-167
B01002B	Median Age By Sex (Black Or African American Alone)	x		x	11	168-170
B01002C	Median Age By Sex (American Indian And Alaska Native Alone)	x		x	11	171-173
B01002D	Median Age By Sex (Asian Alone)	x		x	11	174-176
B01002E	Median Age By Sex (Native Hawaiian And Other Pacific Islander Alone)	x		x	11	177-179
B01002F	Median Age By Sex (Some Other Race Alone)	x		x	11	180-182
B01002G	Median Age By Sex (Two Or More Races)	x		x	11	183-185
B01002H	Median Age By Sex (White Alone Not Hispanic Or Latino)	x		x	11	186-188
B01002I	Median Age By Sex (Hispanic Or Latino)	x		x	11	189-191
B01003	Total Population	x		x	11	192-192
B02001	Race	x		x	12	7-16
C02003	Race	x		x	12	103-121
B02005	American Indian And Alaska Native Alone For Selected Tribal Groupings	x			12	17-62
B02006	Asian Alone For Selected Groups	x			12	63-81
B02007	Native Hawaiian And Other Pacific Islander Alone For Selected Groups	x			12	82-96

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B02008	White Alone Or In Combination With One Or More Other Races	x		x	12	97-97
B02009	Black Or African American Alone Or In Combination With One Or More Other Races	x		x	12	98-98
B02010	American Indian And Alaska Native Alone Or In Combination With One Or More Other Races	x		x	12	99-99
B02011	Asian Alone Or In Combination With One Or More Other Races	x		x	12	100-100
B02012	Native Hawaiian And Other Pacific Islander Alone Or In Combination With One Or More Other Races	x		x	12	101-101
B02013	Some Other Race Alone Or In Combination With One Or More Other Races	x		x	12	102-102
B03001	Hispanic Or Latino Origin By Specific Origin	x			13	7-37
B03002	Hispanic Or Latino Origin By Race	x		x	13	38-58
B03003	Hispanic Or Latino Origin	x		x	13	59-61
B04001	First Ancestry Reported	x			14	7-115
B04002	Second Ancestry Reported	x			14	116-224
B04003	Total Ancestry Reported	x			15	7-114
B04004	People Reporting Single Ancestry		x		15	115-222
B04005	People Reporting Multiple Ancestry		x		16	7-114
B04006	People Reporting Ancestry	x			16	115-223
B04007	Ancestry	x			16	224-230
B05001	Citizenship Status In The United States	x			17	7-12
B05001PR	Citizenship Status In Puerto Rico	x			110	7-12
B05002	Place Of Birth By Citizenship Status	x			17/110	13-27
B05003	Sex By Age By Citizenship Status	x			17/110	28-50
B05003A	Sex By Age By Citizenship Status (White Alone)		x		17/110	51-73
B05003B	Sex By Age By Citizenship Status (Black Or African American Alone)		x		17/110	74-96
B05003C	Sex By Age By Citizenship Status (American Indian And Alaska Native Alone)		x		17/110	97-119
B05003D	Sex By Age By Citizenship Status (Asian Alone)		x		17/110	120-142
B05003E	Sex By Age By Citizenship Status (Native Hawaiian And Other Pacific Islander Alone)		x		17/110	143-165
B05003F	Sex By Age By Citizenship Status (Some Other Race Alone)		x		17/110	166-188
B05003G	Sex By Age By Citizenship Status (Two Or More Races)		x		17/110	189-211
B05003H	Sex By Age By Citizenship Status (White Alone Not Hispanic Or Latino)		x		17/110	212-234
B05003I	Sex By Age By Citizenship Status (Hispanic Or Latino)		x		18/111	7-29
B05004	Median Age By Citizenship Status By Sex		x		18/111	30-44
B05005	Year Of Entry By Citizenship Status In The United States	x			18	45-65
B05005PR	Year Of Entry By Citizenship Status In Puerto Rico	x			111	45-65

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B05006	Place Of Birth For The Foreign Born Population	x			18/111	66-226
B05007	Place Of Birth By Year Of Entry By Citizenship Status For The Foreign Born Population	x			19	7-100
B05008	Sex By Place Of Birth By Year Of Entry For The Foreign Born Population		x		19	101-169
B05009	Age And Nativity Of Own Children Under 18 Years In Families And Subfamilies By Number And Nativity Of Parents		x		19	170-206
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		x		19	207-231
B05012	Nativity Status in the United States	x			19	232-234
B06001	Place Of Birth By Age In The United States		x		20	7-66
B06001PR	Place Of Birth By Age In Puerto Rico		x		112	7-66
B06002	Median Age By Place Of Birth In The United States		x		20	67-71
B06002PR	Median Age By Place Of Birth In Puerto Rico		x		112	67-71
B06003	Place Of Birth By Sex In The United States	x			20	72-86
B06003PR	Place Of Birth By Sex In Puerto Rico	x			112	72-86
B06004A	Place Of Birth By Race (White Alone) In The United States	x			20	87-91
B06004APR	Place Of Birth By Race (White Alone) In Puerto Rico	x			112	87-91
B06004B	Place Of Birth By Race (Black Or African American Alone) In The United States	x			20	92-96
B06004BPR	Place Of Birth By Race (Black Or African American Alone) In Puerto Rico	x			112	92-96
B06004C	Place Of Birth By Race (American Indian And Alaska Native Alone) In The United States	x			20	97-101
B06004CPR	Place Of Birth By Race (American Indian And Alaska Native Alone) In Puerto Rico	x			112	97-101
B06004D	Place Of Birth By Race (Asian Alone) In The United States	x			20	102-106
B06004DPR	Place Of Birth By Race (Asian Alone) In Puerto Rico	x			112	102-106
B06004E	Place Of Birth By Race (Native Hawaiian And Other Pacific Islander Alone) In The United States	x			20	107-111
B06004EPR	Place Of Birth By Race (Native Hawaiian And Other Pacific Islander Alone) In Puerto Rico	x			112	107-111
B06004F	Place Of Birth By Race (Some Other Race Alone) In The United States	x			20	112-116
B06004FPR	Place Of Birth By Race (Some Other Race Alone) In Puerto Rico	x			112	112-116
B06004G	Place Of Birth By Race (Two Or More Races) In The United States	x			20	117-121
B06004GPR	Place Of Birth By Race (Two Or More Races) In Puerto Rico	x			112	117-121
B06004H	Place Of Birth By Race (White Alone Not Hispanic Or Latino) In The United States	x			20	122-126
B06004HPR	Place Of Birth By Race (White Alone Not Hispanic Or Latino) In Puerto Rico	x			112	122-126
B06004I	Place Of Birth By Race (Hispanic Or Latino) In The United States	x			20	127-131

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B06004IPR	Place Of Birth By Race (Hispanic Or Latino) In Puerto Rico	x			112	127-131
B06007	Place Of Birth By Language Spoken At Home And Ability To Speak English In The United States		x		21	7-46
B06007PR	Place Of Birth By Language Spoken At Home And Ability To Speak English In Puerto Rico		x		113	7-46
B06008	Place Of Birth By Marital Status In The United States		x		21	47-76
B06008PR	Place Of Birth By Marital Status In Puerto Rico		x		113	47-76
B06009	Place Of Birth By Educational Attainment In The United States		x		21	77-106
B06009PR	Place Of Birth By Educational Attainment In Puerto Rico		x		113	77-106
B06010	Place Of Birth By Individual Income In The Past 12 Months In The United States		x		21	107-161
B06010PR	Place Of Birth By Individual Income In The Past 12 Months In Puerto Rico		x		113	107-161
B06011	Median Income In The Past 12 Months By Place Of Birth In The United States		x		21	162-166
B06011PR	Median Income In The Past 12 Months By Place Of Birth In Puerto Rico		x		113	162-166
B06012	Place Of Birth By Poverty Status In The Past 12 Months In The United States	x			21	167-186
B06012PR	Place Of Birth By Poverty Status In The Past 12 Months In Puerto Rico	x			113	167-186
B07001	Geographical Mobility In The Past Year By Age For Current Residence In The United States		x		22	7-102
B07001PR	Geographical Mobility In The Past Year By Age For Current Residence In Puerto Rico		x		114	7-102
B07002	Median Age By Geographical Mobility In The Past Year For Current Residence In The United States		x		22	103-108
B07002PR	Median Age By Geographical Mobility In The Past Year For Current Residence In Puerto Rico		x		114	103-108
B07003	Geographical Mobility In The Past Year By Sex For Current Residence In The United States	x			22	109-126
B07003PR	Geographical Mobility In The Past Year By Sex For Current Residence In Puerto Rico	x			114	109-126
B07004A	Geographical Mobility In The Past Year By Race (White Alone) For Current Residence In The United States	x			22	127-132
B07004APR	Geographical Mobility In The Past Year By Race (White Alone) For Current Residence In Puerto Rico	x			114	127-132
B07004B	Geographical Mobility In The Past Year By Race (Black Or African American Alone) For Current Residence In The United States	x			22	133-138
B07004BPR	Geographical Mobility In The Past Year By Race (Black Or African American Alone) For Current Residence In Puerto Rico	x			114	133-138
B07004C	Geographical Mobility In The Past Year By Race (American Indian And Alaska Native Alone) For Current Residence In The United States	x			22	139-144
B07004CPR	Geographical Mobility In The Past Year By Race (American Indian And Alaska Native Alone) For Current Residence In Puerto Rico	x			114	139-144
B07004D	Geographical Mobility In The Past Year By Race (Asian Alone) For Current Residence In The United States	x			22	145-150

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B07004DPR	Geographical Mobility In The Past Year By Race (Asian Alone) For Current Residence In Puerto Rico	x			114	145-150
B07004E	Geographical Mobility In The Past Year By Race (Native Hawaiian And Other Pacific Islander Alone) For Current Residence In The United States	x			22	151-156
B07004EPR	Geographical Mobility In The Past Year By Race (Native Hawaiian And Other Pacific Islander Alone) For Current Residence In Puerto Rico	x			114	151-156
B07004F	Geographical Mobility In The Past Year By Race (Some Other Race Alone) For Current Residence In The United States	x			22	157-162
B07004FPR	Geographical Mobility In The Past Year By Race (Some Other Race Alone) For Current Residence In Puerto Rico	x			114	157-162
B07004G	Geographical Mobility In The Past Year By Race (Two Or More Races) For Current Residence In The United States	x			22	163-168
B07004GPR	Geographical Mobility In The Past Year By Race (Two Or More Races) For Current Residence In Puerto Rico	x			114	163-168
B07004H	Geographical Mobility In The Past Year By Race (White Alone Not Hispanic Or Latino) For Current Residence In The United States	x			22	169-174
B07004HPR	Geographical Mobility In The Past Year By Race (White Alone Not Hispanic Or Latino) For Current Residence In Puerto Rico	x			114	169-174
B07004I	Geographical Mobility In The Past Year By Race (Hispanic Or Latino) For Current Residence In The United States	x			22	175-180
B07004IPR	Geographical Mobility In The Past Year By Race (Hispanic Or Latino) For Current Residence In Puerto Rico	x			114	175-180
B07007	Geographical Mobility In The Past Year By Citizenship Status For Current Residence In The United States		x		22	181-210
B07007PR	Geographical Mobility In The Past Year By Citizenship Status For Current Residence In Puerto Rico		x		114	181-210
B07008	Geographical Mobility In The Past Year By Marital Status For Current Residence In The United States		x		22	211-246
B07008PR	Geographical Mobility In The Past Year By Marital Status For Current Residence In Puerto Rico		x		114	211-246
B07009	Geographical Mobility In The Past Year By Educational Attainment For Current Residence In The United States		x		23	7-42
B07009PR	Geographical Mobility In The Past Year By Educational Attainment For Current Residence In Puerto Rico		x		115	7-42
B07010	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months For Current Residence In The United States		x		23	43-108
B07010PR	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months For Current Residence In Puerto Rico		x		115	43-108
B07011	Median Income In The Past 12 Months By Geographical Mobility In The Past Year For Current Residence In The United States		x		23	109-114
B07011PR	Median Income In The Past 12 Months By Geographical Mobility In The Past Year For Current Residence In Puerto Rico		x		115	109-114

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B07012	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Current Residence In The United States		x		23	115-138
B07012PR	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Current Residence In Puerto Rico		x		115	115-138
B07013	Geographical Mobility In The Past Year By Tenure For Current Residence In The United States		x		23	139-156
B07013PR	Geographical Mobility In The Past Year By Tenure For Current Residence In Puerto Rico		x		115	139-156
B07101	Movers Between Regions In The United States		Nation only		23/115	157-216
C07201	Geographical Mobility In The Past Year For Current Residence-Metropolitan Statistical Area Level In The United States	x		x	23	217-228
C07201PR	Geographical Mobility In The Past Year For Current Residence-Metropolitan Statistical Area Level In Puerto Rico	x		x	115	236-251
C07202	Geographical Mobility In The Past Year For Current Residence-Micropolitan Statistical Area Level In The United States	x		x	23	229-240
B07202PR	Geographical Mobility In The Past Year For Current Residence-Micropolitan Statistical Area Level In Puerto Rico	x		x	115	217-227
C07203	Geographical Mobility In The Past Year For Current Residence-Not Metropolitan Or Micropolitan Statistical Area Level In The United States	x		x	23	241-249
B07203PR	Geographical Mobility In The Past Year For Current Residence-Not Metropolitan Or Micropolitan Statistical Area Level In Puerto Rico	x		x	115	228-235
B07204	Geographical Mobility In The Past Year For Current Residence-State, County, And Place Level In The United States	x			24	7-25
B07204PR	Geographical Mobility In The Past Year For Current Residence-State, County, And Place Level In Puerto Rico	x			116	7-23
B07401	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In The United States		See Note 2		1	7-86
B07401PR	Geographical Mobility In The Past Year By Age For Residence 1 Year Ago In Puerto Rico		See Note 2		108	7-86
B07402	Median Age By Geographical Mobility In The Past Year For Residence 1 Year Ago In The United States		See Note 2		1	87-91
B07402PR	Median Age By Geographical Mobility In The Past Year For Residence 1 Year Ago In Puerto Rico		See Note 2		108	87-91
B07403	Geographical Mobility In The Past Year By Sex For Residence 1 Year Ago In The United States		See Note 2		1	92-106
B07403PR	Geographical Mobility In The Past Year By Sex For Residence 1 Year Ago In Puerto Rico		See Note 2		108	92-106
B07404A	Geographical Mobility In The Past Year By Race (White Alone) For Residence 1 Year Ago In The United States		See Note 2		1	107-111
B07404APR	Geographical Mobility In The Past Year By Race (White Alone) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	107-111
B07404B	Geographical Mobility In The Past Year By Race (Black Or African American Alone) For Residence 1 Year Ago In The United States		See Note 2		1	112-116

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B07404BPR	Geographical Mobility In The Past Year By Race (Black Or African American Alone) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	112-116
B07404C	Geographical Mobility In The Past Year By Race (American Indian And Alaska Native Alone) For Residence 1 Year Ago In The United States		See Note 2		1	117-121
B07404CPR	Geographical Mobility In The Past Year By Race (American Indian And Alaska Native Alone) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	117-121
B07404D	Geographical Mobility In The Past Year By Race (Asian Alone) For Residence 1 Year Ago In The United States		See Note 2		1	122-126
B07404DPR	Geographical Mobility In The Past Year By Race (Asian Alone) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	122-126
B07404E	Geographical Mobility In The Past Year By Race (Native Hawaiian And Other Pacific Islander Alone) For Residence 1 Year Ago In The United States		See Note 2		1	127-131
B07404EPR	Geographical Mobility In The Past Year By Race (Native Hawaiian And Other Pacific Islander Alone) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	127-131
B07404F	Geographical Mobility In The Past Year By Race (Some Other Race Alone) For Residence 1 Year Ago In The United States		See Note 2		1	132-136
B07404FPR	Geographical Mobility In The Past Year By Race (Some Other Race Alone) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	132-136
B07404G	Geographical Mobility In The Past Year By Race (Two Or More Races) For Residence 1 Year Ago In The United States		See Note 2		1	137-141
B07404GPR	Geographical Mobility In The Past Year By Race (Two Or More Races) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	137-141
B07404H	Geographical Mobility In The Past Year By Race (White Alone Not Hispanic Or Latino) For Residence 1 Year Ago In The United States		See Note 2		1	142-146
B07404HPR	Geographical Mobility In The Past Year By Race (White Alone Not Hispanic Or Latino) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	142-146
B07404I	Geographical Mobility In The Past Year By Race (Hispanic Or Latino) For Residence 1 Year Ago In The United States		See Note 2		1	147-151
B07404IPR	Geographical Mobility In The Past Year By Race (Hispanic Or Latino) For Residence 1 Year Ago In Puerto Rico		See Note 2		108	147-151
B07407	Geographical Mobility In The Past Year By Citizenship Status For Residence 1 Year Ago In The United States		See Note 2		1	152-176
B07407PR	Geographical Mobility In The Past Year By Citizenship Status For Residence 1 Year Ago In Puerto Rico		See Note 2		108	152-176
B07408	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In The United States		See Note 2		1	177-206
B07408PR	Geographical Mobility In The Past Year By Marital Status For Residence 1 Year Ago In Puerto Rico		See Note 2		108	177-206
B07409	Geographical Mobility In The Past Year By Educational Attainment For Residence 1 Year Ago In The United States		See Note 2		1	207-236
B07409PR	Geographical Mobility In The Past Year By Educational Attainment For Residence 1 Year Ago In Puerto Rico		See Note 2		108	207-236

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B07410	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months For Residence 1 Year Ago In The United States		See Note 2		2	7-61
B07410PR	Geographical Mobility In The Past Year By Individual Income In The Past 12 Months For Residence 1 Year Ago In Puerto Rico		See Note 2		109	7-61
B07411	Median Income In The Past 12 Months By Geographical Mobility In The Past Year For Residence 1 Year Ago In The United States		See Note 2		2	62-66
B07411PR	Median Income In The Past 12 Months By Geographical Mobility In The Past Year For Residence 1 Year Ago In Puerto Rico		See Note 2		109	62-66
B07412	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Residence 1 Year Ago In The United States		See Note 2		2	67-86
B07412PR	Geographical Mobility In The Past Year By Poverty Status In The Past 12 Months For Residence 1 Year Ago In Puerto Rico		See Note 2		109	67-86
B07413	Geographical Mobility In The Past Year By Tenure For Residence 1 Year Ago In The United States		See Note 2		2	87-101
B07413PR	Geographical Mobility In The Past Year By Tenure For Residence 1 Year Ago In Puerto Rico		See Note 2		109	87-101
B08006	Sex Of Workers By Means Of Transportation To Work		x		25	7-57
B08007	Sex Of Workers By Place Of Work-State And County Level	x		x	25	58-72
B08008	Sex Of Workers By Place Of Work-Place Level	x		x	25	73-87
B08009	Sex Of Workers By Place Of Work-Mcd Level For 12 Selected States	x		x	25	88-102
B08011	Sex Of Workers By Time Leaving Home To Go To Work		x		25	103-147
B08012	Sex Of Workers By Travel Time To Work		x		25	148-186
B08013	Aggregate Travel Time To Work Of Workers By Sex	x			25	187-189
B08014	Sex Of Workers By Vehicles Available		x		25	190-210
B08015	Aggregate Number Of Vehicles Used In Commuting By Workers 16 Years And Over By Sex		x		25	211-213
B08016	Place Of Work For Workers 16 Years And Over-Metropolitan Statistical Area Level	x		x	25	214-236
B08017	Place Of Work For Workers 16 Years And Over-Micropolitan Statistical Area Level	x		x	26	7-29
B08018	Place Of Work For Workers 16 Years And Over-Not Metropolitan Or Micropolitan Statistical Area Level	x		x	26	30-37
B08101	Means Of Transportation To Work By Age		x		26	38-93
B08103	Median Age By Means Of Transportation To Work		x		26	94-100
B08105A	Means Of Transportation To Work (White Alone)	x			26	101-107
B08105B	Means Of Transportation To Work (Black Or African American Alone)	x			26	108-114
B08105C	Means Of Transportation To Work (American Indian And Alaska Native Alone)	x			26	115-121
B08105D	Means Of Transportation To Work (Asian Alone)	x			26	122-128
B08105E	Means Of Transportation To Work (Native Hawaiian And Other Pacific Islander Alone)	x			26	129-135

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B08105F	Means Of Transportation To Work (Some Other Race Alone)	x			26	136-142
B08105G	Means Of Transportation To Work (Two Or More Races)	x			26	143-149
B08105H	Means Of Transportation To Work (White Alone Not Hispanic Or Latino)	x			26	150-156
B08105I	Means Of Transportation To Work (Hispanic Or Latino)	x			26	157-163
B08111	Means Of Transportation To Work By Citizenship Status		x		26	164-198
B08113	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English		x		27	7-62
B08119	Means Of Transportation To Work By Worker's Earnings In The Past 12 Months	x			27	63-125
B08121	Median Earnings In The Past 12 Months By Means Of Transportation To Work		x		27	126-132
B08122	Means Of Transportation To Work By Poverty Status In The Past 12 Months		x		27	133-160
B08124	Means Of Transportation To Work By Occupation		x		27	161-216
B08126	Means Of Transportation To Work By Industry		x		28	7-111
B08128	Means Of Transportation To Work By Class Of Worker		x		28	112-181
B08130	Means Of Transportation To Work By Place Of Work-State And County Level	x			28	182-212
B08131	Aggregate Travel Time To Work Of Workers By Place Of Work-State And County Level		x		28	213-217
B08132	Means Of Transportation To Work By Time Leaving Home To Go To Work	x			29	7-96
B08133	Aggregate Travel Time To Work Of Workers By Time Leaving Home To Go To Work		x		29	97-111
C08134	Means Of Transportation To Work By Travel Time To Work	x		x	29	178-227
B08135	Aggregate Travel Time To Work Of Workers By Travel Time To Work	x		x	29	112-121
C08136	Aggregate Travel Time To Work Of Workers By Means Of Transportation To Work	x		x	29	228-232
B08137	Means Of Transportation To Work By Tenure		x		29	122-142
B08141	Means Of Transportation To Work By Vehicles Available	x			29	143-177
B08201	Household Size By Vehicles Available		x		30	7-36
B08202	Household Size By Number Of Workers In Household		x		30	37-58
B08203	Number Of Workers In Household By Vehicles Available		x		30	59-88
B08301	Means Of Transportation To Work	x		x	30	89-109
B08302	Time Leaving Home To Go To Work	x		x	30	110-124
B08303	Travel Time To Work	x		x	30	125-137
B08406	Sex Of Workers By Means Of Transportation To Work For Workplace Geography	See Note 3			3	7-57
B08412	Sex Of Workers By Travel Time To Work For Workplace Geography		See Note 3		3	58-96
B08501	Means Of Transportation To Work By Age For Workplace Geography	See Note 3			4	7-62

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only In Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B08503	Median Age By Means Of Transportation To Work For Workplace Geography		See Note 3		4	63-69
B08505A	Means Of Transportation To Work For Workplace Geography (White Alone)		See Note 3		4	70-76
B08505B	Means Of Transportation To Work For Workplace Geography (Black Or African American Alone)		See Note 3		4	77-83
B08505C	Means Of Transportation To Work For Workplace Geography (American Indian And Alaska Native Alone)		See Note 3		4	84-90
B08505D	Means Of Transportation To Work For Workplace Geography (Asian Alone)		See Note 3		4	91-97
B08505E	Means Of Transportation To Work For Workplace Geography (Native Hawaiian And Other Pacific Islander Alone)		See Note 3		4	98-104
B08505F	Means Of Transportation To Work For Workplace Geography (Some Other Race Alone)		See Note 3		4	105-111
B08505G	Means Of Transportation To Work For Workplace Geography (Two Or More Races)		See Note 3		4	112-118
B08505H	Means Of Transportation To Work For Workplace Geography (White Alone Not Hispanic Or Latino)		See Note 3		4	119-125
B08505I	Means Of Transportation To Work For Workplace Geography (Hispanic Or Latino)		See Note 3		4	126-132
B08511	Means Of Transportation To Work By Citizenship Status For Workplace Geography		See Note 3		4	133-167
B08513	Means Of Transportation To Work By Language Spoken At Home And Ability To Speak English For Workplace Geography		See Note 3		4	168-223
B08519	Means Of Transportation To Work By Worker's Earnings In The Past 12 Months For Workplace Geography	See Note 3			3	97-159
B08521	Median Earnings In The Past 12 Months By Means Of Transportation To Work For Workplace Geography		See Note 3		3	160-166
B08522	Means Of Transportation To Work By Poverty Status In The Past 12 Months For Workplace Geography		See Note 3		3	167-194
B08524	Means Of Transportation To Work By Occupation For Workplace Geography	See Note 3			3	195-250
B08526	Means Of Transportation To Work By Industry For Workplace Geography	See Note 3			5	7-111
B08528	Means Of Transportation To Work By Class Of Worker For Workplace Geography		See Note 3		5	112-181
B08532	Means Of Transportation To Work By Time Arriving At Work From Home For Workplace Geography	See Note 3			6	7-96
B08534	Means Of Transportation To Work By Travel Time To Work For Workplace Geography	See Note 3			6	97-216
B08536	Aggregate Travel Time To Work Of Workers By Means Of Transportation To Work For Workplace Geography		See Note 3		6	217-228

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B08537	Means Of Transportation To Work By Tenure For Workplace Geography		See Note 3		6	229-249
B08541	Means Of Transportation To Work By Vehicles Available For Workplace Geography	See Note 3			7	7-41
B08601	Means Of Transportation To Work For Workplace Geography		See Note 3		7	42-62
B08602	Time Arriving At Work From Home For Workplace Geography		See Note 3		7	63-77
B08603	Travel Time To Work For Workplace Geography		See Note 3		7	78-90
B09001	Population Under 18 Years By Age	x			31	7-16
B09002	Own Children Under 18 Years By Family Type And Age	x		x	31	17-36
B09005	Household Type For Children In Households	x			31	37-42
B09006	Relationship To Householder For Children Under 18 Years	x			31	43-47
B09008	Presence Of Unmarried Partner Of Householder By Household Type For Children Under 18 Years		x		31	48-59
B09010	Receipt Of Supplemental Security Income, Cash Public Assistance, Or Food Stamps In The Past 12 Months By Household Type For Children Under 18 Years In Households		x		31	60-72
B09016	Household Type (Including Living Alone) By Relationship	x			31	73-105
B09017	Relationship By Household Type (Including Living Alone) For The Population 65 Years And Over	x		x	31	106-125
B10001	Grandchildren Under 18 Years Living With A Grandparent Householder By Age Of Child		x		32	7-10
B10002	Grandchildren Under 18 Years Living With A Grandparent Householder By Grandparent Responsibility And Presence Of Parent		x		32	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 Grandchildren		x		32	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	x			32	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		x		32	29-39
B10051A	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (White Alone)		x		32	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)		x		32	47-53

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B10051C	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (American Indian And Alaska Native Alone)		x		32	54-60
B10051D	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Asian Alone)		x		32	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)		x		32	68-74
B10051F	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Some Other Race Alone)		x		32	75-81
B10051G	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Two Or More Races)		x		32	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)		x		32	89-95
B10051I	Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent (Hispanic Or Latino)		x		32	96-102
B10053	Citizenship Status By Grandparents Responsible For Own Grandchildren Under 18 Years By Age Of Grandparent		x		32	103-113
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		x		32	114-130
B10056	Sex Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent	x			32	131-141
B10057	Marital Status Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent	x			32	142-152
B10058	Employment Status Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		x		32	153-163
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		x		32	164-174
B10060	Units In Structure Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		x		32	175-190
B10061	Tenure Of Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Age Of Grandparent		x		32	191-201
B10063	Households With Grandparents Living With Own Grandchildren Under 18 Years By Responsibility For Own Grandchildren And Presence Of Parent Of Grandchildren		x		32	202-208
B11001	Household Type (Including Living Alone)	x		x	33	7-15
B11001A	Household Type (Including Living Alone) (White Alone)	x		x	33	16-24
B11001B	Household Type (Including Living Alone) (Black Or African American Alone)	x		x	33	25-33
B11001C	Household Type (Including Living Alone) (American Indian And Alaska Native Alone)	x		x	33	34-42

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only In Summary File	Sequence Number <i>(If there are two numbers: first is US, second is PR)</i>	Starting And Ending Positions
B11001D	Household Type (Including Living Alone) (Asian Alone)	x		x	33	43-51
B11001E	Household Type (Including Living Alone) (Native Hawaiian And Other Pacific Islander Alone)	x		x	33	52-60
B11001F	Household Type (Including Living Alone) (Some Other Race Alone)	x		x	33	61-69
B11001G	Household Type (Including Living Alone) (Two Or More Races)	x		x	33	70-78
B11001H	Household Type (Including Living Alone) (White Alone Not Hispanic Or Latino)	x		x	33	79-87
B11001I	Household Type (Including Living Alone) (Hispanic Or Latino)	x		x	33	88-96
B11002	Household Type By Relatives And Nonrelatives For Population In Households	x		x	34	7-18
B11002A	Household Type By Relatives And Nonrelatives For Population In Households (White Alone)	x		x	34	19-30
B11002B	Household Type By Relatives And Nonrelatives For Population In Households (Black Or African American Alone)	x		x	34	31-42
B11002C	Household Type By Relatives And Nonrelatives For Population In Households (American Indian And Alaska Native Alone)	x		x	34	43-54
B11002D	Household Type By Relatives And Nonrelatives For Population In Households (Asian Alone)	x		x	34	55-66
B11002E	Household Type By Relatives And Nonrelatives For Population In Households (Native Hawaiian And Other Pacific Islander Alone)	x		x	34	67-78
B11002F	Household Type By Relatives And Nonrelatives For Population In Households (Some Other Race Alone)	x		x	34	79-90
B11002G	Household Type By Relatives And Nonrelatives For Population In Households (Two Or More Races)	x		x	34	91-102
B11002H	Household Type By Relatives And Nonrelatives For Population In Households (White Alone Not Hispanic Or Latino)	x		x	34	103-114
B11002I	Household Type By Relatives And Nonrelatives For Population In Households (Hispanic Or Latino)	x		x	34	115-126
B11003	Family Type By Presence And Age Of Own Children Under 18 Years	x		x	34	127-146
B11004	Family Type By Presence And Age Of Related Children Under 18 Years	x		x	34	147-166
B11005	Households By Presence Of People Under 18 Years By Household Type	x		x	34	167-185
B11006	Households By Presence Of People 60 Years And Over By Household Type	x		x	34	186-200
B11007	Households By Presence Of People 65 Years And Over By Household Type	x		x	34	201-211
B11009	Unmarried Partner Households By Sex Of Partner	x			34	212-218
B11010	Nonfamily Households By Sex Of Householder By Living Alone By Age Of Householder	x			34	219-233
B11011	Household Type By Units In Structure		x		33	97-115
B11012	Household Type By Tenure	x		x	33	116-130
B11013	Subfamily Type By Presence Of Own Children Under 18 Years	x			33	131-136
B11014	Population In Subfamilies By Subfamily Type By Relationship	x			33	137-147

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only In Summary File	Sequence Number <i>(If there are two numbers: first is US, second is PR)</i>	Starting And Ending Positions
B11015	Households By Presence Of Nonrelatives	x		x	33	148-150
B11016	Household Type By Household Size	x		x	33	151-166
B12001	Sex By Marital Status For The Population 15 Years And Over	x		x	35	7-25
B12002	Sex By Marital Status By Age For The Population 15 Years And Over	x			35	26-212
B12002A	Sex By Marital Status For The Population 15 Years And Over (White Alone)		x		36	7-19
B12002B	Sex By Marital Status For The Population 15 Years And Over (Black Or African American Alone)		x		36	20-32
B12002C	Sex By Marital Status For The Population 15 Years And Over (American Indian And Alaska Native Alone)		x		36	33-45
B12002D	Sex By Marital Status For The Population 15 Years And Over (Asian Alone)		x		36	46-58
B12002E	Sex By Marital Status For The Population 15 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		x		36	59-71
B12002F	Sex By Marital Status For The Population 15 Years And Over (Some Other Race Alone)		x		36	72-84
B12002G	Sex By Marital Status For The Population 15 Years And Over (Two Or More Races)		x		36	85-97
B12002H	Sex By Marital Status For The Population 15 Years And Over (White Alone Not Hispanic Or Latino)		x		36	98-110
B12002I	Sex By Marital Status For The Population 15 Years And Over (Hispanic Or Latino)		x		36	111-123
B12005	Marital Status By Nativity		x		36	124-139
B12006	Marital Status By Labor Force Participation		x		36	140-195
B12007	Median Age At First Marriage		Nation and State only		36	196-197
B12007A	Median Age At First Marriage (White Alone)		Nation only		36	198-199
B12007B	Median Age At First Marriage (Black Or African American Alone)		Nation only		36	200-201
B12007C	Median Age At First Marriage (American Indian And Alaska Native Alone)		Nation only		36	202-203
B12007D	Median Age At First Marriage (Asian Alone)		Nation only		36	204-205
B12007E	Median Age At First Marriage (Native Hawaiian And Other Pacific Islander Alone)		Nation only		36	206-207
B12007F	Median Age At First Marriage (Some Other Race Alone)		Nation only		36	208-209
B12007G	Median Age At First Marriage (Two Or More Races)		Nation only		36	210-211
B12007H	Median Age At First Marriage (White Alone Not Hispanic Or Latino)		Nation only		36	212-213
B12007I	Median Age At First Marriage (Hispanic Or Latino)		Nation only		36	214-215
B13001	Marital Status By Age For Women 15 To 50 Years	x			37	7-15
B13002	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Age	x			37	16-34
B13002A	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (White Alone)		x		37	35-41

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B13002B	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Black Or African American Alone)		x		37	42-48
B13002C	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (American Indian And Alaska Native Alone)		x		37	49-55
B13002D	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Asian Alone)		x		37	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)		x		37	63-69
B13002F	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Some Other Race Alone)		x		37	70-76
B13002G	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Two Or More Races)		x		37	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)		x		37	84-90
B13002I	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status (Hispanic Or Latino)		x		37	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		x		37	98-108
B13008	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Citizenship Status		x		37	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		x		37	124-142
B13012	Women 16 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Labor Force Status		x		37	143-157
B13014	Women 15 To 50 Years Who Had A Birth In The Past 12 Months By Marital Status And Educational Attainment		x		37	158-184
B14001	School Enrollment By Level Of School For The Population 3 Years And Over	x			38	7-16
B14002	Sex By School Enrollment By Level Of School For The Population 3 Years And Over	x		x	38	17-65
B14003	Sex By School Enrollment By Type Of School By Age For The Population 3 Years And Over	x			38	66-122
B14004	Sex By College Or Graduate School Enrollment By Type Of School By Age For The Population 15 Years And Over	x			38	123-155
B14005	Sex By School Enrollment By Educational Attainment By Employment Status For The Population 16 To 19 Years	x		x	39	7-35
B14006	Poverty Status In The Past 12 Months By School Enrollment By Level Of School For The Population 3 Years And Over		x		39	36-56
C14007A	School Enrollment by Level of School for the Population 3 Years and Over	x			39	57-63
C14007B	School Enrollment by Level of School for the Population 3 Years and Over	x			39	64-70
C14007C	School Enrollment by Level of School for the Population 3 Years and Over	x			39	71-77
C14007D	School Enrollment by Level of School for the Population 3 Years and Over	x			39	78-84
C14007E	School Enrollment by Level of School for the Population 3 Years and Over	x			39	85-91

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		In Summary File and American FactFinder	Only in Summary File	Only In Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
C14007F	School Enrollment by Level of School for the Population 3 Years and Over	x			39	92-98
C14007G	School Enrollment by Level of School for the Population 3 Years and Over	x			39	99-105
C14007H	School Enrollment by Level of School for the Population 3 Years and Over	x			39	106-112
C14007I	School Enrollment by Level of School for the Population 3 Years and Over	x			39	113-119
B15001	Sex By Age By Educational Attainment For The Population 18 Years And Over	x			40	7-89
B15002	Sex By Educational Attainment For The Population 25 Years And Over	x		x	40	90-124
C15002A	Sex By Educational Attainment For The Population 25 Years And Over	x			40	125-135
C15002B	Sex By Educational Attainment For The Population 25 Years And Over	x			40	136-146
C15002C	Sex By Educational Attainment For The Population 25 Years And Over	x			40	147-157
C15002D	Sex By Educational Attainment For The Population 25 Years And Over	x			40	158-168
C15002E	Sex By Educational Attainment For The Population 25 Years And Over	x			40	169-179
C15002F	Sex By Educational Attainment For The Population 25 Years And Over	x			40	180-190
C15002G	Sex By Educational Attainment For The Population 25 Years And Over	x			40	191-201
C15002H	Sex By Educational Attainment For The Population 25 Years And Over	x			40	202-212
C15002I	Sex By Educational Attainment For The Population 25 Years And Over	x			40	213-223
B16001	Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over	x			41	7-125
B16002	Household Language By Linguistic Isolation	x		x	42	7-20
B16003	Age By Language Spoken At Home For The Population 5 Years And Over In Linguistically Isolated Households	x			42	21-32
B16004	Age By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over	x		x	42	33-99
B16005	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over	x			42	100-144
B16005A	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (White Alone)		x		42	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)		x		42	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)		x		42	167-177
B16005D	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Asian Alone)		x		42	178-188
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)		x		42	189-199
B16005F	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Some Other Race Alone)		x		42	200-210
B16005G	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Two Or More Races)		x		42	211-221

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		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
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)		x		42	222-232
B16005I	Nativity By Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Hispanic Or Latino)		x		42	233-243
B16006	Language Spoken At Home By Ability To Speak English For The Population 5 Years And Over (Hispanic Or Latino)	x			42	244-251
B16007	Age By Language Spoken At Home For The Population 5 Years And Over		x		43	7-25
B16008	Citizenship Status By Age By Language Spoken At Home For The Population 5 Years And Over		x		43	26-66
B16009	Poverty Status In The Past 12 Months By Age By Language Spoken At Home For The Population 5 Years And Over		x		43	67-93
B16010	Educational Attainment And Employment Status By Language Spoken At Home For The Population 25 Years And Over		x		43	94-146
B17001	Poverty Status In The Past 12 Months By Sex By Age	x			44	7-65
B17001A	Poverty Status In The Past 12 Months By Sex By Age (White Alone)	x			44	66-124
B17001B	Poverty Status In The Past 12 Months By Sex By Age (Black Or African American Alone)	x			44	125-183
B17001C	Poverty Status In The Past 12 Months By Sex By Age (American Indian And Alaska Native Alone)	x			44	184-242
B17001D	Poverty Status In The Past 12 Months By Sex By Age (Asian Alone)	x			45	7-65
B17001E	Poverty Status In The Past 12 Months By Sex By Age (Native Hawaiian And Other Pacific Islander Alone)	x			45	66-124
B17001F	Poverty Status In The Past 12 Months By Sex By Age (Some Other Race Alone)	x			45	125-183
B17001G	Poverty Status In The Past 12 Months By Sex By Age (Two Or More Races)	x			45	184-242
B17001H	Poverty Status In The Past 12 Months By Sex By Age (White Alone Not Hispanic Or Latino)	x			46	7-65
B17001I	Poverty Status In The Past 12 Months By Sex By Age (Hispanic Or Latino)	x			46	66-124
C17002	Ratio Of Income To Poverty Level In The Past 12 Months	x		x	46	219-226
B17003	Poverty Status In The Past 12 Months Of Individuals By Sex By Educational Attainment		x		46	125-147
B17004	Poverty Status In The Past 12 Months Of Individuals By Sex By Work Experience		x		46	148-166
B17005	Poverty Status In The Past 12 Months Of Individuals By Sex By Employment Status		x		46	167-189
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	x			46	190-218
B17007	Poverty Status In The Past 12 Months Of Unrelated Individuals 15 Years And Over By Sex By Age	x			47	7-49
B17008	Aggregate Income Deficit (Dollars) In The Past 12 Months Of Unrelated Individuals By Sex	x			47	50-52
B17009	Poverty Status In The Past 12 Months By Work Experience Of Unrelated Individuals By Householder Status	x			47	53-73

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		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
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	x		x	47	74-114
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)	x			47	115-155
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)	x			47	156-196
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)	x			47	197-237
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)	x			48	7-47
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)	x			48	48-88
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)	x			48	89-129
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)	x			48	130-170
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)	x			48	171-211
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)	x			49	7-47
B17011	Aggregate Income Deficit (Dollars) In The Past 12 Months For Families By Family Type	x		x	49	48-52
B17012	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Related Children Under 18 Years		x		49	53-87
B17013	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Persons In Family		x		49	88-122
B17014	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Workers In Family		x		49	123-157
B17015	Poverty Status In The Past 12 Months Of Families By Family Type By Social Security Income By Supplemental Security Income And Cash Public Assistance Income	x			49	158-204
B17016	Poverty Status In The Past 12 Months Of Families By Family Type By Work Experience Of The Householder And Spouse	x			49	205-251
B17017	Poverty Status In The Past 12 Months By Household Type By Age Of Householder	x		x	50	7-65
B17018	Poverty Status In The Past 12 Months Of Families By Household Type By Educational Attainment Of The Householder		x		50	66-100

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		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B17019	Poverty Status In The Past 12 Months Of Families By Household Type By Tenure		x		50	101-123
B17020A	Poverty Status In The Past 12 Months By Age (White Alone)	x			50	124-140
B17020B	Poverty Status In The Past 12 Months By Age (Black Or African American Alone)	x			50	141-157
B17020C	Poverty Status In The Past 12 Months By Age (American Indian And Alaska Native Alone)	x			50	158-174
B17020D	Poverty Status In The Past 12 Months By Age (Asian Alone)	x			50	175-191
B17020E	Poverty Status In The Past 12 Months By Age (Native Hawaiian And Other Pacific Islander Alone)	x			50	192-208
B17020F	Poverty Status In The Past 12 Months By Age (Some Other Race Alone)	x			50	209-225
B17020G	Poverty Status In The Past 12 Months By Age (Two Or More Races)	x			50	226-242
B17020H	Poverty Status In The Past 12 Months By Age (White Alone Not Hispanic Or Latino)	x			51	7-23
B17020I	Poverty Status In The Past 12 Months By Age (Hispanic Or Latino)	x			51	24-40
B17021	Poverty Status Of Individuals In The Past 12 Months By Living Arrangement	x		x	51	41-75
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	x			51	76-156
B17023	Poverty Status In The Past 12 Months Of Families By Household Type By Number Of Own Children Under 18 Years		x		51	157-191
B17024	Age By Ratio Of Income To Poverty Level In The Past 12 Months	x			52	7-137
B17025	Poverty Status In The Past 12 Months By Nativity	x			52	138-152
B17026	Ratio of Income to Poverty Level of Families In The Past 12 Months		x		52	153-165
B19001	Household Income In The Past 12 Months	x		x	53	7-23
B19001A	Household Income In The Past 12 Months (White Alone Householder)	x			53	24-40
B19001B	Household Income In The Past 12 Months (Black Or African American Alone Householder)	x			53	41-57
B19001C	Household Income In The Past 12 Months (American Indian And Alaska Native Alone Householder)	x			53	58-74
B19001D	Household Income In The Past 12 Months (Asian Alone Householder)	x			53	75-91
B19001E	Household Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone Householder)	x			53	92-108
B19001F	Household Income In The Past 12 Months (Some Other Race Alone Householder)	x			53	109-125
B19001G	Household Income In The Past 12 Months (Two Or More Races Householder)	x			53	126-142
B19001H	Household Income In The Past 12 Months (White Alone Not Hispanic Or Latino Householder)	x			53	143-159
B19001I	Household Income In The Past 12 Months (Hispanic Or Latino Householder)	x			53	160-176
B19013	Median Household Income In The Past 12 Months	x		x	53	177-177

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		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B19013A	Median Household Income In The Past 12 Months (White Alone Householder)	x		x	53	178-178
B19013B	Median Household Income In The Past 12 Months (Black Or African American Alone Householder)	x		x	53	179-179
B19013C	Median Household Income In The Past 12 Months (American Indian And Alaska Native Alone Householder)	x		x	53	180-180
B19013D	Median Household Income In The Past 12 Months (Asian Alone Householder)	x		x	53	181-181
B19013E	Median Household Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone Householder)	x		x	53	182-182
B19013F	Median Household Income In The Past 12 Months (Some Other Race Alone Householder)	x		x	53	183-183
B19013G	Median Household Income In The Past 12 Months (Two Or More Races Householder)	x		x	53	184-184
B19013H	Median Household Income In The Past 12 Months (White Alone Not Hispanic Or Latino Householder)	x		x	53	185-185
B19013I	Median Household Income In The Past 12 Months (Hispanic Or Latino Householder)	x		x	53	186-186
B19019	Median Household Income In The Past 12 Months By Household Size		x		53	187-194
B19025	Aggregate Household Income In The Past 12 Months	x		x	53	195-195
B19025A	Aggregate Household Income In The Past 12 Months (White Alone Householder)	x		x	53	196-196
B19025B	Aggregate Household Income In The Past 12 Months (Black Or African American Alone Householder)	x		x	53	197-197
B19025C	Aggregate Household Income In The Past 12 Months (American Indian And Alaska Native Alone Householder)	x		x	53	198-198
B19025D	Aggregate Household Income In The Past 12 Months (Asian Alone Householder)	x		x	53	199-199
B19025E	Aggregate Household Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone Householder)	x		x	53	200-200
B19025F	Aggregate Household Income In The Past 12 Months (Some Other Race Alone Householder)	x		x	53	201-201
B19025G	Aggregate Household Income In The Past 12 Months (Two Or More Races Householder)	x		x	53	202-202
B19025H	Aggregate Household Income In The Past 12 Months (White Alone Not Hispanic Or Latino Householder)	x		x	53	203-203
B19025I	Aggregate Household Income In The Past 12 Months (Hispanic Or Latino Householder)	x		x	53	204-204
B19037	Age Of Householder By Household Income In The Past 12 Months	x		x	54	7-75
B19037A	Age Of Householder By Household Income In The Past 12 Months (White Alone Householder)	x			54	76-144
B19037B	Age Of Householder By Household Income In The Past 12 Months (Black Or African American Alone Householder)	x			54	145-213
B19037C	Age Of Householder By Household Income In The Past 12 Months (American Indian And Alaska Native Alone Householder)	x			55	7-75

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B19037D	Age Of Householder By Household Income In The Past 12 Months (Asian Alone Householder)	x			55	76-144
B19037E	Age Of Householder By Household Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone Householder)	x			55	145-213
B19037F	Age Of Householder By Household Income In The Past 12 Months (Some Other Race Alone Householder)	x			56	7-75
B19037G	Age Of Householder By Household Income In The Past 12 Months (Two Or More Races Householder)	x			56	76-144
B19037H	Age Of Householder By Household Income In The Past 12 Months (White Alone Not Hispanic Or Latino Householder)	x			56	145-213
B19037I	Age Of Householder By Household Income In The Past 12 Months (Hispanic Or Latino Householder)	x			57	7-75
B19049	Median Household Income In The Past 12 Months By Age Of Householder	x		x	57	76-80
B19050	Aggregate Household Income In The Past 12 Months By Age Of Householder	x		x	57	81-85
B19051	Earnings In The Past 12 Months For Households	x		x	57	86-88
B19052	Wage Or Salary Income In The Past 12 Months For Households	x		x	57	89-91
B19053	Self-Employment Income In The Past 12 Months For Households	x		x	57	92-94
B19054	Interest, Dividend, Or Net Rental Income In The Past 12 Months For Households	x		x	57	95-97
B19055	Social Security Income In The Past 12 Months For Households	x		x	57	98-100
B19056	Supplemental Security Income In The Past 12 Months For Households	x		x	57	101-103
B19057	Public Assistance Income In The Past 12 Months For Households	x		x	57	104-106
B19058	Public Assistance Income Or Food Stamps In The Past 12 Months For Households		x		57	107-109
B19059	Retirement Income In The Past 12 Months For Households	x		x	57	110-112
B19060	Other Types Of Income In The Past 12 Months For Households	x		x	57	113-115
B19061	Aggregate Earnings In The Past 12 Months For Households	x		x	57	116-116
B19062	Aggregate Wage Or Salary Income In The Past 12 Months For Households	x		x	57	117-117
B19063	Aggregate Self-Employment Income In The Past 12 Months For Households	x		x	57	118-118
B19064	Aggregate Interest, Dividends, Or Net Rental Income In The Past 12 Months For Households	x		x	57	119-119
B19065	Aggregate Social Security Income In The Past 12 Months For Households	x		x	57	120-120
B19066	Aggregate Supplemental Security Income In The Past 12 Months For Households	x		x	57	121-121
B19067	Aggregate Public Assistance Income In The Past 12 Months For Households	x		x	57	122-122
B19069	Aggregate Retirement Income In The Past 12 Months For Households	x		x	57	123-123
B19070	Aggregate Other Types Of Income In The Past 12 Months For Households	x		x	57	124-124
B19080	Household Income Quintile Upper Limits		x		57	125-129
B19081	Mean Household Income Of Quintiles		x		57	130-135

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		In Summary File and American FactFinder	Only in Summary File	Only In Summary File	Sequence Number <i>(If there are two numbers: first is US, second is PR)</i>	Starting And Ending Positions
B19082	Shares Of Aggregate Household Income By Quintile		x		57	136-141
B19083	Gini Index Of Income Inequality		x		57	142-142
B19101	Family Income In The Past 12 Months	x		x	58	7-23
B19101A	Family Income In The Past 12 Months (White Alone Householder)	x			58	24-40
B19101B	Family Income In The Past 12 Months (Black Or African American Alone Householder)	x			58	41-57
B19101C	Family Income In The Past 12 Months (American Indian And Alaska Native Alone Householder)	x			58	58-74
B19101D	Family Income In The Past 12 Months (Asian Alone Householder)	x			58	75-91
B19101E	Family Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone Householder)	x			58	92-108
B19101F	Family Income In The Past 12 Months (Some Other Race Alone Householder)	x			58	109-125
B19101G	Family Income In The Past 12 Months (Two Or More Races Householder)	x			58	126-142
B19101H	Family Income In The Past 12 Months (White Alone Not Hispanic Or Latino Householder)	x			58	143-159
B19101I	Family Income In The Past 12 Months (Hispanic Or Latino Householder)	x			58	160-176
B19113	Median Family Income In The Past 12 Months	x		x	58	177-177
B19113A	Median Family Income In The Past 12 Months (White Alone Householder)	x		x	58	178-178
B19113B	Median Family Income In The Past 12 Months (Black Or African American Alone Householder)	x		x	58	179-179
B19113C	Median Family Income In The Past 12 Months (American Indian And Alaska Native Alone Householder)	x		x	58	180-180
B19113D	Median Family Income In The Past 12 Months (Asian Alone Householder)	x		x	58	181-181
B19113E	Median Family Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone Householder)	x		x	58	182-182
B19113F	Median Family Income In The Past 12 Months (Some Other Race Alone Householder)	x		x	58	183-183
B19113G	Median Family Income In The Past 12 Months (Two Or More Races Householder)	x		x	58	184-184
B19113H	Median Family Income In The Past 12 Months (White Alone Not Hispanic Or Latino Householder)	x		x	58	185-185
B19113I	Median Family Income In The Past 12 Months (Hispanic Or Latino Householder)	x		x	58	186-186
B19119	Median Family Income In The Past 12 Months By Family Size	x			58	187-193
B19121	Median Family Income In The Past 12 Months By Number Of Earners In Family	x			58	194-198
B19125	Median Family Income In The Past 12 Months By Presence Of Own Children Under 18 Years	x			58	199-201
B19126	Median Family Income In The Past 12 Months By Family Type By Presence Of Own Children Under 18 Years	x			58	202-212
B19127	Aggregate Family Income In The Past 12 Months	x		x	58	213-213

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B19128	Aggregate Family Income In The Past 12 Months By Family Type By Presence Of Own Children Under 18 Years	x			58	214-224
B19129	Aggregate Family Income In The Past 12 Months By Number Of Workers In Family	x			58	225-231
B19130	Aggregate Family Income In The Past 12 Months By Family Type By Age Of Householder	x			57	143-171
B19131	Family Type By Presence Of Own Children Under 18 Years By Family Income In The Past 12 Months	x			59	7-113
B19201	Nonfamily Household Income In The Past 12 Months	x		x	59	114-130
B19202	Median Nonfamily Household Income In The Past 12 Months	x		x	59	131-131
B19202A	Median Nonfamily Household Income In The Past 12 Months (White Alone Householder)	x		x	59	132-132
B19202B	Median Nonfamily Household Income In The Past 12 Months (Black Or African American Alone Householder)	x		x	59	133-133
B19202C	Median Nonfamily Household Income In The Past 12 Months (American Indian And Alaska Native Alone Householder)	x		x	59	134-134
B19202D	Median Nonfamily Household Income In The Past 12 Months (Asian Alone Householder)	x		x	59	135-135
B19202E	Median Nonfamily Household Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone Householder)	x		x	59	136-136
B19202F	Median Nonfamily Household Income In The Past 12 Months (Some Other Race Alone Householder)	x		x	59	137-137
B19202G	Median Nonfamily Household Income In The Past 12 Months (Two Or More Races Householder)	x		x	59	138-138
B19202H	Median Nonfamily Household Income In The Past 12 Months (White Alone Not Hispanic Or Latino Householder)	x		x	59	139-139
B19202I	Median Nonfamily Household Income In The Past 12 Months (Hispanic Or Latino Householder)	x		x	59	140-140
B19214	Aggregate Nonfamily Income In The Past 12 Months	x		x	59	141-141
B19215	Median Nonfamily Household Income In The Past 12 Months By Sex Of Householder By Living Alone By Age Of Householder	x			59	142-156
B19216	Aggregate Nonfamily Household Income In The Past 12 Months By Sex Of Householder By Living Alone By Age Of Householder	x			59	157-171
B19301	Per Capita Income In The Past 12 Months	x		x	59	172-172
B19301A	Per Capita Income In The Past 12 Months (White Alone)	x		x	59	173-173
B19301B	Per Capita Income In The Past 12 Months (Black Or African American Alone)	x		x	59	174-174
B19301C	Per Capita Income In The Past 12 Months (American Indian And Alaska Native Alone)	x		x	59	175-175
B19301D	Per Capita Income In The Past 12 Months (Asian Alone)	x		x	59	176-176
B19301E	Per Capita Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone)	x		x	59	177-177

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		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B19301F	Per Capita Income In The Past 12 Months (Some Other Race Alone)	x		x	59	178-178
B19301G	Per Capita Income In The Past 12 Months (Two Or More Races)	x		x	59	179-179
B19301H	Per Capita Income In The Past 12 Months (White Alone Not Hispanic Or Latino)	x		x	59	180-180
B19301I	Per Capita Income In The Past 12 Months (Hispanic Or Latino)	x		x	59	181-181
B19313	Aggregate Income In The Past 12 Months	x		x	59	182-182
B19313A	Aggregate Income In The Past 12 Months (White Alone)	x		x	59	183-183
B19313B	Aggregate Income In The Past 12 Months (Black Or African American Alone)	x		x	59	184-184
B19313C	Aggregate Income In The Past 12 Months (American Indian And Alaska Native Alone)	x		x	59	185-185
B19313D	Aggregate Income In The Past 12 Months (Asian Alone)	x		x	59	186-186
B19313E	Aggregate Income In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone)	x		x	59	187-187
B19313F	Aggregate Income In The Past 12 Months (Some Other Race Alone)	x		x	59	188-188
B19313G	Aggregate Income In The Past 12 Months (Two Or More Races)	x		x	59	189-189
B19313H	Aggregate Income In The Past 12 Months (White Alone Not Hispanic Or Latino)	x		x	59	190-190
B19313I	Aggregate Income In The Past 12 Months (Hispanic Or Latino)	x		x	59	191-191
B19325	Sex By Work Experience In The Past 12 Months By Income In The Past 12 Months For The Population 15 Years And Over	x			60	7-101
B19326	Median Income In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 15 Years And Over	x			60	102-108
B20001	Sex By Earnings In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months	x		x	61	7-49
B20002	Median Earnings In The Past 12 Months By Sex For The Population 16 Years And Over With Earnings In The Past 12 Months	x		x	61	50-52
B20003	Aggregate Earnings In The Past 12 Months By Sex For The Population 16 Years And Over With Earnings In The Past 12 Months	x		x	61	53-59
B20004	Median Earnings In The Past 12 Months By Sex By Educational Attainment For The Population 25 Years And Over		x		61	60-77
B20005	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over	x			61	78-172
B20005A	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (White Alone)	x			62	7-101
B20005B	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (Black Or African American Alone)	x			62	102-196
B20005C	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (American Indian And Alaska Native Alone)	x			63	7-101
B20005D	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (Asian Alone)	x			63	102-196

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B20005E	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)	x			64	7-101
B20005F	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (Some Other Race Alone)	x			64	102-196
B20005G	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (Two Or More Races)	x			65	7-101
B20005H	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (White Alone Not Hispanic Or Latino)	x			65	102-196
B20005I	Sex By Work Experience In The Past 12 Months By Earnings In The Past 12 Months For The Population 16 Years And Over (Hispanic Or Latino)	x			66	7-101
B20017	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months	x			66	102-108
B20017A	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (White Alone)	x			66	109-115
B20017B	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Black Or African American Alone)	x			66	116-122
B20017C	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (American Indian And Alaska Native Alone)	x			66	123-129
B20017D	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Asian Alone)	x			66	130-136
B20017E	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Native Hawaiian And Other Pacific Islander Alone)	x			66	137-143
B20017F	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Some Other Race Alone)	x			66	144-150
B20017G	Median Earnings In The Past 12 Months 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 Or More Races)	x			66	151-157
B20017H	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (White Alone Not Hispanic Or Latino)	x			66	158-164
B20017I	Median Earnings In The Past 12 Months By Sex By Work Experience In The Past 12 Months For The Population 16 Years And Over With Earnings In The Past 12 Months (Hispanic Or Latino)	x			66	165-171
B21001	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over	x		x	67	7-39

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		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
C21001A	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone)	x			67	108-122
C21001B	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Black Or African American Alone)	x			67	123-137
C21001C	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (American Indian And Alaska Native Alone)	x			67	138-152
C21001D	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Asian Alone)	x			67	153-167
C21001E	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Native Hawaiian And Other Pacific Islander Alone)	x			67	168-182
C21001F	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Some Other Race Alone)	x			67	183-197
C21001G	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Two Or More Races)	x			67	198-212
C21001H	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (White Alone Not Hispanic Or Latino)	x			67	213-227
C21001I	Sex By Age By Veteran Status For The Civilian Population 18 Years And Over (Hispanic Or Latino)	x			67	228-242
B21002	Period Of Military Service For Civilian Veterans 18 Years And Over	x		x	67	40-55
B21003	Veteran Status By Educational Attainment For The Civilian Population 25 Years And Over	x			67	56-66
B21004	Median Income In The Past 12 Months By Veteran Status By Sex For The Civilian Population 18 Years And Over With Income		x		67	67-73
B21005	Age By Veteran Status By Employment Status For The Civilian Population 18 To 64 Years		x		67	74-107
B22001	Receipt Of Food Stamps In The Past 12 Months By Presence Of People 60 Years And Over For Households	x			68	7-13
B22002	Receipt Of Food Stamps In The Past 12 Months By Presence Of Children Under 18 Years By Household Type For Households		x		68	14-40
B22003	Receipt Of Food Stamps In The Past 12 Months By Poverty Status In The Past 12 Months For Households		x		68	41-47
B22005A	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (White Alone)		x		68	48-50
B22005B	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (Black Or African American Alone)		x		68	51-53
B22005C	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (American Indian And Alaska Native Alone)		x		68	54-56
B22005D	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (Asian Alone)		x		68	57-59
B22005E	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (Native Hawaiian And Other Pacific Islander Alone)		x		68	60-62
B22005F	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (Some Other Race Alone)		x		68	63-65

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B22005G	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (Two Or More Races)		x		68	66-68
B22005H	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (White Alone Not Hispanic Or Latino)		x		68	69-71
B22005I	Receipt Of Food Stamps In The Past 12 Months By Race Of Householder (Hispanic Or Latino)		x		68	72-74
B22007	Receipt Of Food Stamps In The Past 12 Months By Family Type By Number Of Workers In Family In The Past 12 Months		x		68	75-117
B22008	Median Household Income In The Past 12 Months By Receipt Of Food Stamps In The Past 12 Months		x		68	118-120
B23001	Sex By Age By Employment Status For The Population 16 Years And Over	x			69	7-179
C23002A	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone)	x			69	180-206
C23002B	Sex By Age By Employment Status For The Population 16 Years And Over (Black Or African American Alone)	x			69	207-233
C23002C	Sex By Age By Employment Status For The Population 16 Years And Over (American Indian And Alaska Native Alone)	x			70	56-82
C23002D	Sex By Age By Employment Status For The Population 16 Years And Over (Asian Alone)	x			70	83-109
C23002E	Sex By Age By Employment Status For The Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)	x			70	110-136
C23002F	Sex By Age By Employment Status For The Population 16 Years And Over (Some Other Race Alone)	x			70	137-163
C23002G	Sex By Age By Employment Status For The Population 16 Years And Over (Two Or More Races)	x			70	164-190
C23002H	Sex By Age By Employment Status For The Population 16 Years And Over (White Alone Not Hispanic Or Latino)	x			70	191-217
C23002I	Sex By Age By Employment Status For The Population 16 Years And Over (Hispanic Or Latino)	x			70	218-244
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	x		x	70	7-36
B23004	Work Status In The Past 12 Months By Age By Employment Status For The Civilian Population 65 Years And Over		x		70	37-55
B23006	Educational Attainment By Employment Status For The Population 25 To 64 Years		x		71	7-35
B23007	Presence Of Own Children Under 18 Years By Family Type By Employment Status	x		x	71	36-94
B23008	Age Of Own Children Under 18 Years In Families And Subfamilies By Living Arrangements By Employment Status Of Parents	x		x	71	95-121
B23009	Presence Of Own Children Under 18 Years By Family Type By Number Of Workers In Family In The Past 12 Months	x		x	71	122-164
B23010	Presence Of Own Children Under 18 Years In Married-Couple Families By Work Experience Of Householder And Spouse		x		71	165-191

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B23013	Median Age By Sex For Workers 16 To 64 Years		x		71	192-194
B23018	Aggregate Usual Hours Worked In The Past 12 Months By Sex For Workers 16 Years And Over		x		71	195-197
B23020	Mean Usual Hours Worked In The Past 12 Months For Workers 16 To 64 Years		x		71	198-200
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	x		x	71	201-249
C24010	Sex By Occupation For The Civilian Employed Population 16 Years And Over	x		x	72	7-81
C24010A	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone)		x		72	82-96
C24010B	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Black Or African American Alone)		x		72	97-111
C24010C	Sex By Occupation For The Civilian Employed Population 16 Years And Over (American Indian And Alaska Native Alone)		x		72	112-126
C24010D	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Asian Alone)		x		72	127-141
C24010E	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Native Hawaiian And Other Pacific Islander Alone)		x		72	142-156
C24010F	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Some Other Race Alone)		x		72	157-171
C24010G	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Two Or More Races)		x		72	172-186
C24010H	Sex By Occupation For The Civilian Employed Population 16 Years And Over (White Alone Not Hispanic Or Latino)		x		72	187-201
C24010I	Sex By Occupation For The Civilian Employed Population 16 Years And Over (Hispanic Or Latino)		x		72	202-216
B24011	Occupation By Median Earnings In The Past 12 Months For The Civilian Employed Population 16 Years And Over		x		73	7-43
B24012	Sex By Occupation And Median Earnings In The Past 12 Months For The Civilian Employed Population 16 Years And Over		x		73	44-117
C24020	Sex By Occupation For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		73	155-229
B24021	Occupation By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		73	118-154
B24022	Sex By Occupation And Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		74	7-80
C24030	Sex By Industry For The Civilian Employed Population 16 Years And Over	x		x	74	162-216
B24031	Industry By Median Earnings In The Past 12 Months For The Civilian Employed Population 16 Years And Over		x		74	81-107
B24032	Sex By Industry And Median Earnings In The Past 12 Months For The Civilian Employed Population 16 Years And Over		x		74	108-161
C24040	Sex By Industry For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		75	88-142

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B24041	Industry By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		75	7-33
B24042	Sex By Industry And Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		75	34-87
C24050	Industry By Occupation For The Civilian Employed Population 16 Years And Over		x		75	143-240
C24060	Occupation By Class Of Worker For The Civilian Employed Population 16 Years And Over		x		76	7-186
C24070	Industry By Class Of Worker For The Civilian Employed Population 16 Years And Over		x		77	103-186
B24080	Sex By Class Of Worker For The Civilian Employed Population 16 Years And Over	x		x	77	7-27
B24081	Class Of Worker By Median Earnings In The Past 12 Months For The Civilian Employed Population 16 Years And Over		x		77	28-36
B24082	Sex By Class Of Worker And Median Earnings In The Past 12 Months For The Civilian Employed Population 16 Years And Over		x		77	37-54
B24090	Sex By Class Of Worker For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		77	55-75
B24091	Class Of Worker By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		77	76-84
B24092	Sex By Class Of Worker And Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		x		77	85-102
B24121	Detailed Occupation By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Population 16 Years And Over		Nation only		78 79 80	7-173 7-172 7-172
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		Nation only		81 82 83	7-173 7-172 7-172
B24123	Detailed Occupation By Median Earnings In The Past 12 Months For The Full-Time, Year-Round Civilian Employed Female Population 16 Years And Over		Nation only		84 85 86	7-173 7-172 7-172
B24124	Detailed Occupation For The Full-Time, Year Round Civilian Employed Population 16 Years And Over		Nation only		87 88 89	7-173 7-172 7-172
B24125	Detailed Occupation For The Full-Time, Year Round Civilian Employed Male Population 16 Years And Over		Nation only		90 91 92	7-173 7-172 7-172
B24126	Detailed Occupation For The Full-Time, Year Round Civilian Employed Female Population 16 Years And Over		Nation only		93 94 95	7-173 7-172 7-172
B25001	Housing Units	x		x	96	7-7
B25002	Occupancy Status	x		x	96	8-10
B25003	Tenure	x		x	96	11-13
B25003A	Tenure (White Alone Householder)	x		x	96	14-16
B25003B	Tenure (Black Or African American Alone Householder)	x		x	96	17-19
B25003C	Tenure (American Indian And Alaska Native Alone Householder)	x		x	96	20-22

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B25003D	Tenure (Asian Alone Householder)	x		x	96	23-25
B25003E	Tenure (Native Hawaiian And Other Pacific Islander Alone Householder)	x		x	96	26-28
B25003F	Tenure (Some Other Race Alone Householder)	x		x	96	29-31
B25003G	Tenure (Two Or More Races Householder)	x		x	96	32-34
B25003H	Tenure (White Alone Not Hispanic Or Latino Householder)	x		x	96	35-37
B25003I	Tenure (Hispanic Or Latino Householder)	x		x	96	38-40
B25004	Vacancy Status	x		x	96	41-48
B25005	Vacant - Current Residence Elsewhere		x		96	49-51
B25006	Race Of Householder	x		x	96	52-61
B25007	Tenure By Age Of Householder	x		x	96	62-82
B25008	Total Population In Occupied Housing Units By Tenure	x		x	96	83-85
B25009	Tenure By Household Size	x		x	96	86-102
B25010	Average Household Size Of Occupied Housing Units By Tenure	x		x	96	103-105
B25011	Tenure By Household Type (Including Living Alone) And Age Of Householder	x			96	106-154
B25012	Tenure By Families And Presence Of Own Children		x		96	155-171
B25013	Tenure By Educational Attainment Of Householder		x		96	172-182
B25014	Tenure By Occupants Per Room	x		x	96	183-195
B25014A	Occupants Per Room (White Alone Householder)	x			96	196-198
B25014B	Occupants Per Room (Black Or African American Alone Householder)	x			96	199-201
B25014C	Occupants Per Room (American Indian And Alaska Native Alone Householder)	x			96	202-204
B25014D	Occupants Per Room (Asian Alone Householder)	x			96	205-207
B25014E	Occupants Per Room (Native Hawaiian And Other Pacific Islander Alone Householder)	x			96	208-210
B25014F	Occupants Per Room (Some Other Race Alone Householder)	x			96	211-213
B25014G	Occupants Per Room (Two Or More Races Householder)	x			96	214-216
B25014H	Occupants Per Room (White Alone Not Hispanic Or Latino Householder)	x			96	217-219
B25014I	Occupants Per Room (Hispanic Or Latino Householder)	x			96	220-222
B25015	Tenure By Age Of Householder By Occupants Per Room	x		x	96	223-249
B25016	Tenure By Plumbing Facilities By Occupants Per Room	x		x	97	7-25
B25017	Rooms	x		x	97	26-35
B25018	Median Number Of Rooms	x		x	97	36-36
B25019	Aggregate Number Of Rooms	x		x	97	37-37
B25020	Tenure By Rooms	x		x	97	38-58
B25021	Median Number Of Rooms By Tenure	x		x	97	59-61

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B25022	Aggregate Number Of Rooms By Tenure	x		x	97	62-64
B25023	Aggregate Number Of Rooms By Vacancy Status	x		x	97	65-72
B25024	Units In Structure	x		x	97	73-83
B25026	Total Population in Occupied Housing Units by Tenure by year Householder Moved into Unit	x			97	84-98
B25027	Mortgage Status by Age of Householder		x		97	99-115
B25032	Tenure By Units In Structure	x		x	97	116-138
B25032A	Units In Structure (White Alone Householder)	x			97	139-149
B25032B	Units In Structure (Black Or African American Alone Householder)	x			97	150-160
B25032C	Units In Structure (American Indian And Alaska Native Alone Householder)	x			97	161-171
B25032D	Units In Structure (Asian Alone Householder)	x			97	172-182
B25032E	Units In Structure (Native Hawaiian And Other Pacific Islander Alone Householder)	x			97	183-193
B25032F	Units In Structure (Some Other Race Alone Householder)	x			97	194-204
B25032G	Units In Structure (Two Or More Races Householder)	x			97	205-215
B25032H	Units In Structure (White Alone Not Hispanic Or Latino Householder)	x			97	216-226
B25032I	Units In Structure (Hispanic Or Latino Householder)	x			97	227-237
B25033	Total Population In Occupied Housing Units By Tenure By Units In Structure	x		x	97	238-250
B25034	Year Structure Built	x		x	98	7-16
B25035	Median Year Structure Built	x		x	98	17-17
B25036	Tenure By Year Structure Built	x		x	98	18-38
B25037	Median Year Structure Built By Tenure	x		x	98	39-41
B25038	Tenure By Year Householder Moved Into Unit	x		x	98	42-56
B25039	Median Year Householder Moved Into Unit	x		x	98	57-59
B25040	House Heating Fuel	x		x	98	60-69
B25041	Bedrooms	x		x	98	70-76
B25042	Tenure By Bedrooms	x		x	98	77-91
B25043	Tenure By Telephone Service Available By Age Of Householder	x		x	98	92-110
B25044	Tenure By Vehicles Available	x		x	98	111-125
B25045	Tenure By Vehicles Available By Age Of Householder	x		x	98	126-144
B25046	Aggregate Number Of Vehicles Available By Tenure	x		x	98	145-147
B25047	Plumbing Facilities For All Housing Units	x		x	98	148-150
B25048	Plumbing Facilities For Occupied Housing Units	x			98	151-153
B25049	Tenure By Plumbing Facilities	x		x	98	154-160
B25050	Plumbing Facilities By Occupants Per Room By Year Structure Built	x		x	98	161-179

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only In Summary File	Sequence Number <i>(If there are two numbers: first is US, second is PR)</i>	Starting And Ending Positions
B25051	Kitchen Facilities For All Housing Units	x		x	98	180-182
B25052	Kitchen Facilities For Occupied Housing Units	x			98	183-185
B25053	Tenure By Kitchen Facilities	x		x	98	186-192
B25054	Kitchen Facilities By Meals Included In Rent	x		x	98	193-199
B25055	Age Of Householder By Meals Included In Rent	x		x	98	200-212
B25056	Contract Rent	x		x	98	213-236
B25057	Lower Contract Rent Quartile	x		x	98	237-237
B25058	Median Contract Rent	x		x	98	238-238
B25059	Upper Contract Rent Quartile	x		x	98	239-239
B25060	Aggregate Contract Rent	x		x	98	240-240
B25061	Rent Asked	x		x	99	7-28
B25062	Aggregate Rent Asked	x		x	99	29-29
B25063	Gross Rent	x		x	99	30-53
B25064	Median Gross Rent	x		x	99	54-54
B25065	Aggregate Gross Rent	x		x	99	55-55
B25066	Aggregate Gross Rent By Units In Structure	x		x	99	56-63
B25067	Aggregate Gross Rent By Meals Included In Rent	x		x	99	64-66
B25068	Bedrooms By Gross Rent	x		x	99	67-103
B25069	Inclusion Of Utilities In Rent	x		x	99	104-106
B25070	Gross Rent As A Percentage Of Household Income In The Past 12 Months	x		x	99	107-117
B25071	Median Gross Rent As A Percentage Of Household Income In The Past 12 Months	x		x	99	118-118
B25072	Age Of Householder By Gross Rent As A Percentage Of Household Income In The Past 12 Months	x		x	99	119-147
B25073	Units In Structure By Gross Rent As A Percentage Of Household Income In The Past 12 Months	x		x	99	148-197
B25074	Household Income By Gross Rent As A Percentage Of Household Income In The Past 12 Months	x		x	100	7-56
B25075	Value	x		x	100	57-81
B25076	Lower Value Quartile	x		x	100	82-82
B25077	Median Value	x		x	100	83-83
B25078	Upper Value Quartile	x		x	100	84-84
B25079	Aggregate Value By Age Of Householder	x		x	100	85-89
B25080	Aggregate Value By Units In Structure	x		x	100	90-97
B25081	Mortgage Status	x		x	100	98-105
B25082	Aggregate Value By Mortgage Status	x		x	100	106-108

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number <i>(If there are two numbers: first is US, second is PR)</i>	Starting And Ending Positions
B25083	Median Value For Mobile Homes	x		x	100	109-109
B25085	Price Asked	x		x	100	110-134
B25086	Aggregate Price Asked (Dollars)	x		x	100	135-135
B25087	Mortgage Status And Selected Monthly Owner Costs	x		x	100	136-164
B25088	Median Selected Monthly Owner Costs By Mortgage Status	x		x	100	165-167
B25089	Aggregate Selected Monthly Owner Costs By Mortgage Status	x		x	100	168-170
B25091	Mortgage Status By Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months	x		x	100	171-193
B25092	Median Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months	x		x	100	194-196
B25093	Age Of Householder By Selected Monthly Owner Costs As A Percentage Of Household Income In The Past 12 Months	x		x	100	197-225
B25094	Selected Monthly Owner Costs		x		100	226-239
C25095	Household Income by Selected Monthly Owner Costs as a Percentage of Household Income in the Past 12 Months	x		x	99	218-246
B25096	Mortgage Status By Value		x		99	198-214
B25097	Mortgage Status By Median Value (Dollars)		x		99	215-217
B25098	Mortgage Status By Household Income In The Past 12 Months		x		101	7-25
B25099	Mortgage Status By Median Household Income In The Past 12 Months		x		101	26-28
B25100	Mortgage Status By Ratio Of Value To Household Income In The Past 12 Months		x		101	29-41
B25101	Mortgage Status By Monthly Housing Costs As A Percentage Of Household Income In The Past 12 Months		x		101	42-86
B25102	Mortgage Status By Real Estate Taxes Paid		x		101	87-97
B25103	Mortgage Status By Median Real Estate Taxes Paid		x		101	98-100
B25104	Monthly Housing Costs		x		101	101-115
B25105	Median Monthly Housing Costs		x		101	116-116
B25106	Tenure By Housing Costs As A Percentage Of Household Income In The Past 12 Months		x		101	117-162
B25107	Median Value By Year Structure Built		x		101	163-172
B25108	Aggregate Value By Year Structure Built		x		101	173-182
B25109	Median Value By Year Householder Moved Into Unit		x		101	183-189
B25110	Aggregate Value By Year Householder Moved Into Unit		x		101	190-196
B25111	Median Gross Rent By Year Structure Built		x		101	197-206
B25112	Aggregate Gross Rent By Year Structure Built		x		101	207-216
B25113	Median Gross Rent By Year Householder Moved Into Unit		x		101	217-223
B25114	Aggregate Gross Rent By Year Householder Moved Into Unit		x		101	224-230

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B25115	Tenure By Household Type And Presence And Age Of Own Children	x			102	7-33
B25116	Tenure By Household Size By Age Of Householder	x			102	34-56
B25117	Tenure By House Heating Fuel	x			102	57-77
B25118	Tenure By Household Income In The Past 12 Months	x			102	78-102
B25119	Median Household Income In The Past 12 Months By Tenure	x			102	103-105
B25120	Aggregate Household Income In The Past 12 Months By Tenure And Mortgage Status	x			102	106-110
B25121	Household Income In The Past 12 Months By Value	x			102	111-216
B25122	Household Income In The Past 12 Months By Gross Rent	x			103	7-126
B25123	Tenure By Selected Physical And Financial Conditions	x			103	127-139
B26001	Group Quarters Population	x			104	7-7
B98001	Unweighted Housing Unit Sample	Nation, State, and County only			105	7-8
B98002	Unweighted Group Quarters Population Sample	Nation and State only			105	9-10
B98011	Housing Unit Coverage Rate	Nation and State only			105	11-11
B98012	Total Population Coverage Rate By Sex	Nation and State only			105	12-14
B98013	Total Population Coverage Rate By Weighting Race And Hispanic Or Latino Groups	Nation only			105	15-21
B98014	Group Quarters Population Coverage Rate	Nation only			105	22-22
B98021	Housing Unit Response And Nonresponse Rates With Reasons For Noninterviews	Nation, State, and County only			105	23-31
B98022	Group Quarters Population Response And Nonresponse Rates With Reasons For Noninterviews	Nation and State only			105	32-41
B98031	Overall Person Characteristics Imputation Rate	Nation and State only			105	42-42
B98032	Overall Housing Unit Characteristics Imputation Rate	Nation and State only			105	43-43
B99011	Imputation Of Sex	x		x	106/117	7-9
B99012	Imputation Of Age	x		x	106/117	10-12
B99021	Imputation Of Race	x		x	106/117	13-15
B99031	Imputation Of Hispanic Or Latino Origin	x		x	106/117	16-18
B99051	Imputation Of Citizenship Status	x		x	106/117	19-25

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only In Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B99052	Imputation Of Year Of Entry For The Population Born Outside The United States	x		x	106	26-32
B99052PR	Imputation Of Year Of Entry For The Population Born Outside Puerto Rico	x		x	117	26-32
B99061	Imputation Of Place Of Birth	x		x	106/117	33-35
B99071	Imputation Of Mobility Status For The Population 1 Year And Over	x		x	106/117	36-38
B99072	Imputation Of Residence 1 Year Ago For The Population 1 Year And Over	x		x	106/117	39-45
B99080	Imputation Of Means Of Transportation To Work	x		x	106/117	46-48
B99081	Imputation Of Place Of Work	x		x	106/117	49-53
B99082	Imputation Of Private Vehicle Occupancy	x		x	106/117	54-58
B99083	Imputation Of Time Leaving Home To Go To Work	x		x	106/117	59-63
B99084	Imputation Of Travel Time To Work	x		x	106/117	64-68
B99085	Imputation Of Vehicles Available For Workers	x			106/117	69-71
B99086	Imputation Of Means Of Transportation To Work For Workplace Geography	x			8	7-9
B99087	Imputation Of Time Arriving At Work From Home For Workplace Geography	x			8	10-14
B99088	Imputation Of Travel Time To Work For Workplace Geography	x			8	15-19
B99089	Imputation Of Vehicles Available For Workers For Workplace Geography	x			8	20-22
B99092	Imputation Of Relationship	x		x	106/117	72-74
B99102	Imputation Of Grandparents Living With Grandchildren Under 18 Years	x		x	106/117	75-77
B99103	Imputation Of Grandparents Responsible For Grandchildren Under 18 Years	x		x	106/117	78-80
B99104	Imputation Of Length Of Time Grandparent Responsible For Own Grandchildren Under 18 Years For The Population 30 Years And Over	x		x	106/117	81-87
B99121	Imputation Of Marital Status For The Population 15 Years And Over	x		x	106/117	88-90
B99131	Imputation Of Marital Status For Females 15 To 50 Years	x			106/117	91-93
B99132	Imputation Of Fertility Of Women 15 To 50 Years	x			106/117	94-96
B99141	Imputation Of School Enrollment For The Population 3 Years And Over	x		x	106/117	97-99
B99142	Imputation Of Grade Enrolled For The Population 3 Years And Over Enrolled In School	x		x	106/117	100-102
B99151	Imputation Of Educational Attainment For The Population 25 Years And Over	x		x	106/117	103-105
B99161	Imputation Of Language Status For The Population 5 Years And Over	x		x	106/117	106-108
B99162	Imputation Of Language Spoken At Home For The Population 5 Years And Over	x		x	106/117	109-115
B99163	Imputation Of Ability To Speak English For The Population 5 Years And Over	x		x	106/117	116-120
B99171	Imputation Of Poverty Status In The Past 12 Months For Unrelated Individuals	x		x	106/117	121-135
B99172	Imputation Of Poverty Status In The Past 12 Months For Families	x		x	106/117	136-150
B99191	Imputation Of Individual's Income In The Past 12 Months For The Population 15 Years And Over - Percent Of Income Imputed	x		x	106/117	151-158

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B99192	Imputation Of Household Income In The Past 12 Months - Percent Of Income Imputed	x		x	106/117	159-166
B99193	Imputation Of Family Income In The Past 12 Months - Percent Of Income Imputed	x		x	106/117	167-174
B99194	Imputation Of Nonfamily Household Income In The Past 12 Months - Percent Of Income Imputed	x			106/117	175-182
B99201	Imputation Of Earnings In The Past 12 Months For The Population 16 Years And Over - Percent Of Earnings Imputed	x		x	106/117	183-190
B99211	Imputation Of Veteran Status For The Population 18 Years And Over	x		x	106/117	191-193
B99212	Imputation Of Period Of Military Service For Civilian Veterans 18 Years And Over	x		x	106/117	194-196
B99221	Imputation Of Food Stamps Receipt	x			106/117	197-199
B99231	Imputation Of Employment Status For The Population 16 Years And Over	x		x	106/117	200-202
B99232	Imputation Of Work Status In The Past 12 Months For The Population 16 Years And Over	x		x	106/117	203-205
B99233	Imputation Of Usual Hours Worked Per Week In The Past 12 Months For The Population 16 Years And Over	x		x	106/117	206-210
B99234	Imputation Of Weeks Worked In The Past 12 Months For The Population 16 Years And Over	x		x	106/117	211-215
B99241	Imputation Of Industry For The Civilian Employed Population 16 Years And Over	x		x	106/117	216-218
B99242	Imputation Of Occupation For The Civilian Employed Population 16 Years And Over	x		x	106/117	219-221
B99243	Imputation Of Class Of Worker For The Civilian Employed Population 16 Years And Over	x		x	106/117	222-224
B99244	Imputation Of Industry For The Full-Time Year-Round Civilian Employed Population 16 Years And Over	x			106/117	225-227
B99245	Imputation Of Occupation For The Full-Time Year-Round Civilian Employed Population 16 Years And Over	x			106/117	228-230
B99246	Imputation Of Class Of Worker For The Full-Time Year-Round Civilian Employed Population 16 Years And Over	x			106/117	231-233
B992510	Imputation Of Kitchen Facilities	x		x	106/117	234-236
B992511	Imputation Of House Heating Fuel	x		x	106/117	237-239
B992512	Imputation Of Vehicles Available	x		x	106/117	240-242
B992513	Imputation Of Telephone Service Available	x		x	106/117	243-245
B992514	Imputation Of Meals Included In Rent	x		x	106/117	246-248
B992515	Imputation Of Contract Rent	x		x	106/117	249-251
B992516	Imputation Of Rent Asked	x		x	107	7-9
B992518	Imputation Of Gross Rent	x		x	107	10-12
B992519	Imputation Of Value	x		x	107	13-15
B99252	Imputation Of Tenure	x		x	107	16-18
B992520	Imputation Of Price Asked	x		x	107	19-21

Table Number	Table Title	Availability of data for geographies other than Block Groups		Availability of data for Block Groups	Summary File Information	
		In Summary File and American FactFinder	Only in Summary File	Only in Summary File	Sequence Number (If there are two numbers: first is US, second is PR)	Starting And Ending Positions
B992521	Imputation Of Mortgage Status	x		x	107	22-24
B992522	Imputation Of Mortgage Status And Selected Monthly Owner Costs	x		x	107	25-31
B992523	Imputation Of Selected Monthly Owner Costs For Owner-Occupied Housing Units	x			107	32-34
B99253	Imputation Of Vacancy Status	x		x	107	35-37
B99254	Imputation Of Rooms	x		x	107	38-40
B99255	Imputation Of Units In Structure	x		x	107	41-43
B99256	Imputation Of Year Structure Built	x		x	107	44-46
B99257	Imputation Of Year Householder Moved Into Unit	x		x	107	47-49
B99258	Imputation Of Bedrooms	x		x	107	50-52
B99259	Imputation Of Plumbing Facilities	x		x	107	53-55
Note 1: Area must contain at least 3 occupied households. Data for areas containing fewer than 3 occupied households is not published.						
Note 2: Tables are only published for States, Counties, Places, Minor Civil Divisions, Combined Statistical Areas, Metropolitan Statistical Areas/Micropolitan Statistical Areas, Principal Cities, Metropolitan Divisions, Combined New England City and Town Areas, New England City and Town Areas (NECTA), NECTA Divisions, and County Subdivisions-Place/Remainders. Areas with fewer than 50 ACS respondents are not identified.						
Note 3: Tables are only published for States, Counties, Minor Civil Divisions, Combined Statistical Areas, Metropolitan Statistical Areas/Micropolitan Statistical Areas, Metropolitan Divisions, Combined New England City and Town Areas, New England City and Town Areas (NECTA), and NECTA Divisions. Areas with fewer than 50 ACS respondents are not identified.						

Appendix F: ACS 5-Year Summary Levels/Components for Detailed Tables

Summary Level	Component	Name	File or Folder (A=All_Geographies_ Not_Tracts_Block_Groups, T=Tracts_Block_Groups_Only)
010	00	United States	A
010	01	United States; Urban	A
010	43	United States; Rural	A
010	89	United States; American Indian Reservation and Trust Land-Federal	A
010	90	United States; American Indian Reservation and Trust Land-State	A
010	91	United States; Oklahoma Tribal Statistical Area	A
010	92	United States; Tribal Designated Statistical Area	A
010	93	United States; Alaska Native Village Statistical Area	A
010	94	United States; State Designated Tribal Statistical Area (Formerly SDAISA)	A
010	95	United States; Hawaiian Home Land	A
010	A0	United States; In Metropolitan or Micropolitan Statistical Area	A
010	C0	United States; In Metropolitan Statistical Area	A
010	C1	United States; In Metropolitan Statistical Area-In Principal City	A
010	C2	United States; In Metropolitan Statistical Area-Not In Principal City	A
010	E0	United States; In Micropolitan Statistical Area	A
010	E1	United States; In Micropolitan Statistical Area-In Principal City	A
010	E2	United States; In Micropolitan Statistical Area-Not In Principal City	A
010	G0	United States; Not In Metropolitan or Micropolitan Statistical Area	A
010	H0	United States; Not In Metropolitan Statistical Area	A
020	00	Region	A
020	01	Region; Urban	A
020	43	Region; Rural	A
020	A0	Region; In Metropolitan or Micropolitan Statistical Area	A
020	C0	Region; In Metropolitan Statistical Area	A
020	C1	Region; In Metropolitan Statistical Area-In Principal City	A
020	C2	Region; In Metropolitan Statistical Area-Not In Principal City	A
020	E0	Region; In Micropolitan Statistical Area	A
020	E1	Region; In Micropolitan Statistical Area-In Principal City	A
020	E2	Region; In Micropolitan Statistical Area-Not In Principal City	A
020	G0	Region; Not In Metropolitan or Micropolitan Statistical Area	A
020	H0	Region; Not In Metropolitan Statistical Area	A
030	00	Division	A
030	01	Division; Urban	A
030	43	Division; Rural	A
030	A0	Division; In Metropolitan or Micropolitan Statistical Area	A
030	C0	Division; In Metropolitan Statistical Area	A
030	C1	Division; In Metropolitan Statistical Area-In Principal City	A
030	C2	Division; In Metropolitan Statistical Area-Not In Principal City	A
030	E0	Division; In Micropolitan Statistical Area	A
030	E1	Division; In Micropolitan Statistical Area-In Principal City	A

Summary Level	Component	Name	File or Folder (A=All_Geographies_ Not_Tracts_Block_Groups, T=Tracts_Block_ Groups_Only)
030	E2	Division; In Micropolitan Statistical Area-Not In Principal City	A
030	G0	Division; Not In Metropolitan or Micropolitan Statistical Area	A
030	H0	Division; Not In Metropolitan Statistical Area	A
040	00	State	A
040	01	State; Urban	A
040	43	State; Rural	A
040	A0	State; In Metropolitan or Micropolitan Statistical Area	A
040	C0	State; In Metropolitan Statistical Area	A
040	C1	State; In Metropolitan Statistical Area-In Principal City	A
040	C2	State; In Metropolitan Statistical Area-Not In Principal City	A
040	E0	State; In Micropolitan Statistical Area	A
040	E1	State; In Micropolitan Statistical Area-In Principal City	A
040	E2	State; In Micropolitan Statistical Area-Not In Principal City	A
040	G0	State; Not In Metropolitan or Micropolitan Statistical Area	A
040	H0	State; Not In Metropolitan Statistical Area	A
050	00	State-County	A
060	00	State-County-County Subdivision	A
067	00	State-County-County Subdivision-Subminor Civil Division	A
070	00	State-County-County Subdivision-Place/Remainder	A
080	00	State-County-County Subdivision-Place/Remainder-Census Tract	A
140	00	State-County-Census Tract	T
150	00	State-County-Census Tract-Block Group	T
155	00	State-Place-County	A
160	00	State-Place	A
170	00	State-Consolidated City	A
172	00	State-Consolidated City-Place Within Consolidated City	A
230	00	State-Alaska Native Regional Corporation	A
250	00	American Indian Area/Alaska Native Area/Hawaiian Home Land	A
251	00	American Indian Area-Tribal Subdivision/Remainder	A
252	00	American Indian Area/Alaska Native Area (Reservation or Statistical Entity Only)	A
254	00	American Indian Area (Off-Reservation Trust Land Only)/Hawaiian Home Land	A
260	00	American Indian Area/Alaska Native Area/Hawaiian Home Land-State	A
269	00	American Indian Area/Alaska Native Area/Hawaiian Home Land-State-Place/Remainder	A
270	00	American Indian Area/Alaska Native Area/Hawaiian Home Land-State-County	A
280	00	State-American Indian Area/Alaska Native Area/Hawaiian Home Land	A
283	00	State-American Indian Area/Alaska Native Area (Reservation or Statistical Entity Only)	A
286	00	State-American Indian Area (Off-Reservation Trust Land Only)/Hawaiian Home Land	A
290	00	American Indian Area-Tribal Subdivision/Remainder-State	A
310	00	Metropolitan Statistical Area/Micropolitan Statistical Area	A
311	00	Metropolitan Statistical Area/Micropolitan Statistical Area-State	A
312	00	Metropolitan Statistical Area/Micropolitan Statistical Area-State-Principal City	A
313	00	Metropolitan Statistical Area/Micropolitan Statistical Area-State-County	A
314	00	Metropolitan Statistical Area-Metropolitan Division	A
315	00	Metropolitan Statistical Area-Metropolitan Division-State	A

Summary Level	Component	Name	File or Folder (A=All_Geographies_ Not_Tracts_Block_Groups, T=Tracts_Block_Groups_Only)
316	00	Metropolitan Statistical Area-Metropolitan Division-State-County	A
320	00	State-Metropolitan Statistical Area/Micropolitan Statistical Area	A
321	00	State-Metropolitan Statistical Area/Micropolitan Statistical Area-Principal City	A
322	00	State-Metropolitan Statistical Area/Micropolitan Statistical Area-County	A
323	00	State-Metropolitan Statistical Area-Metropolitan Division	A
324	00	State-Metropolitan Statistical Area-Metropolitan Division-County	A
330	00	Combined Statistical Area	A
331	00	Combined Statistical Area-State	A
332	00	Combined Statistical Area-Metropolitan Statistical Area/Micropolitan Statistical Area	A
333	00	Combined Statistical Area-Metropolitan Statistical Area/Micropolitan Statistical Area-State	A
335	00	Combined New England City and Town Area	A
336	00	Combined New England City and Town Area-State	A
337	00	Combined New England City and Town Area-New England City and Town Area	A
338	00	Combined New England City and Town Area-New England City and Town Area-State	A
340	00	State-Combined Statistical Area	A
341	00	State-Combined Statistical Area-Metropolitan Statistical Area/Micropolitan Statistical Area	A
345	00	State-Combined New England City and Town Area	A
346	00	State-Combined New England City and Town Area-New England City and Town Area	A
350	00	New England City and Town Area	A
351	00	New England City and Town Area-State	A
352	00	New England City and Town Area-State-Principal City	A
353	00	New England City and Town Area-State-County	A
354	00	New England City and Town Area-State-County-County Subdivision	A
355	00	New England City and Town Area (NECTA)-NECTA Division	A
356	00	New England City and Town Area (NECTA)-NECTA Division-State	A
357	00	New England City and Town Area (NECTA)-NECTA Division-State-County	A
358	00	New England City and Town Area (NECTA)-NECTA Division-State-County-County Subdivision	A
360	00	State-New England City and Town Area	A
361	00	State-New England City and Town Area-Principal City	A
362	00	State-New England City and Town Area-County	A
363	00	State-New England City and Town Area-County-County Subdivision	A
364	00	State-New England City and Town Area (NECTA)-NECTA Division	A
365	00	State-New England City and Town Area (NECTA)-NECTA Division-County	A
366	00	State-New England City and Town Area (NECTA)-NECTA Division-County-County Subdivision	A
400	00	Urban Area	A
500	00	State-Congressional District	A
510	00	State-Congressional District-County	A
550	00	State-Congressional District-American Indian Area/Alaska Native Area/Hawaiian Home Land	A
610	00	State-State Legislative District (Upper Chamber)	A
612	00	State-State Legislative District (Upper Chamber)-County	A
620	00	State-State Legislative District (Lower Chamber)	A
622	00	State-State Legislative District (Lower Chamber)-County	A
795	00	State-Public Use Microdata Sample Area (PUMA)	A

Summary Level	Component	Name	File or Folder (A=All_Geographies_ Not_Tracts_Block_Groups, T=Tracts_Block_ Groups_Only)
950	00	State-School District (Elementary)/Remainder	A
960	00	State-School District (Secondary)/Remainder	A
970	00	State-School District (Unified)/Remainder	A

Document History

Version #	Date	Summary of Changes
1	12/14/10	Initial Release
2	02/08/11	<ul style="list-style-type: none">• New columns added to tables in Appendix E and F• Data Ferrett information added as a user tool• New section added on how to merge the geography file with the estimates and margins of error files in Excel• Other minor corrections