



# Accessing American Community Survey Block Group Data

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January 27, 2016

# Outline

- **American Community Survey (ACS) basics**
- Tracts and block groups
- AFF Download Center
- Overview of ACS Summary File (ACS SF)
- Ways to access the ACS SF
  - Summary File Retrieval Tool
  - DataFerrett
  - FTP site
  - Other
- Wrap up

# ACS Basics

- Ongoing monthly survey sent to 3.5 million addresses per year to produce detailed population and housing estimates each year
  - Visit 20,000 Group Quarter facilities and sample approximately 194,000 residents each year
- Designed to produce *critical information on small areas and small population groups* previously collected on the decennial long form
- Covers 35+ topics and supports over 300 known Federal Government uses
- Data released twice annually
  - 1-year estimates (12 months of data)
  - 5-year estimates (60 months of data)

The image displays three overlapping documents related to the American Community Survey (ACS). The top document is a 'Housing' questionnaire with sections for 'Please answer the following questions about the house, apartment, or mobile home at the address on the mailing label' and 'Does this house, apartment, or mobile home have...'. The middle document is a paper form titled 'THE American Community Survey' with a 'Please print today's date' field and a 'Please enter the number and telephone number of the person who is completing this survey' field. The bottom document is a digital login screen for the 'United States Census Bureau' with a 'Welcome to the American Community Survey' message, a 'Please Log In' section, and a 'Please complete an example' link.

# ACS Content

## Social

Ancestry  
Citizenship  
Disability  
Educational Attainment  
Fertility  
Grandparents  
Language  
Marital Status  
Migration  
School Enrollment  
Veterans

## Demographic

Age  
Hispanic Origin  
Race  
Relationship  
Sex

## Economic

Class of Worker  
Commuting  
Employment Status  
Food Stamps (SNAP)  
Health Insurance  
Hours/Week, Weeks/Year  
Income  
Industry & Occupation

## Housing

Computer & Internet Use  
Costs (Mortgage, Taxes, Insurance)  
Heating Fuel  
Home Value  
Occupancy  
Plumbing/Kitchen Facilities  
Structure  
Tenure (Own/Rent)  
Utilities  
Vehicles  
Year Built/ Year Moved In

35+ Topics ➡ 1000+ Tables ➡ 11 Billion Estimates

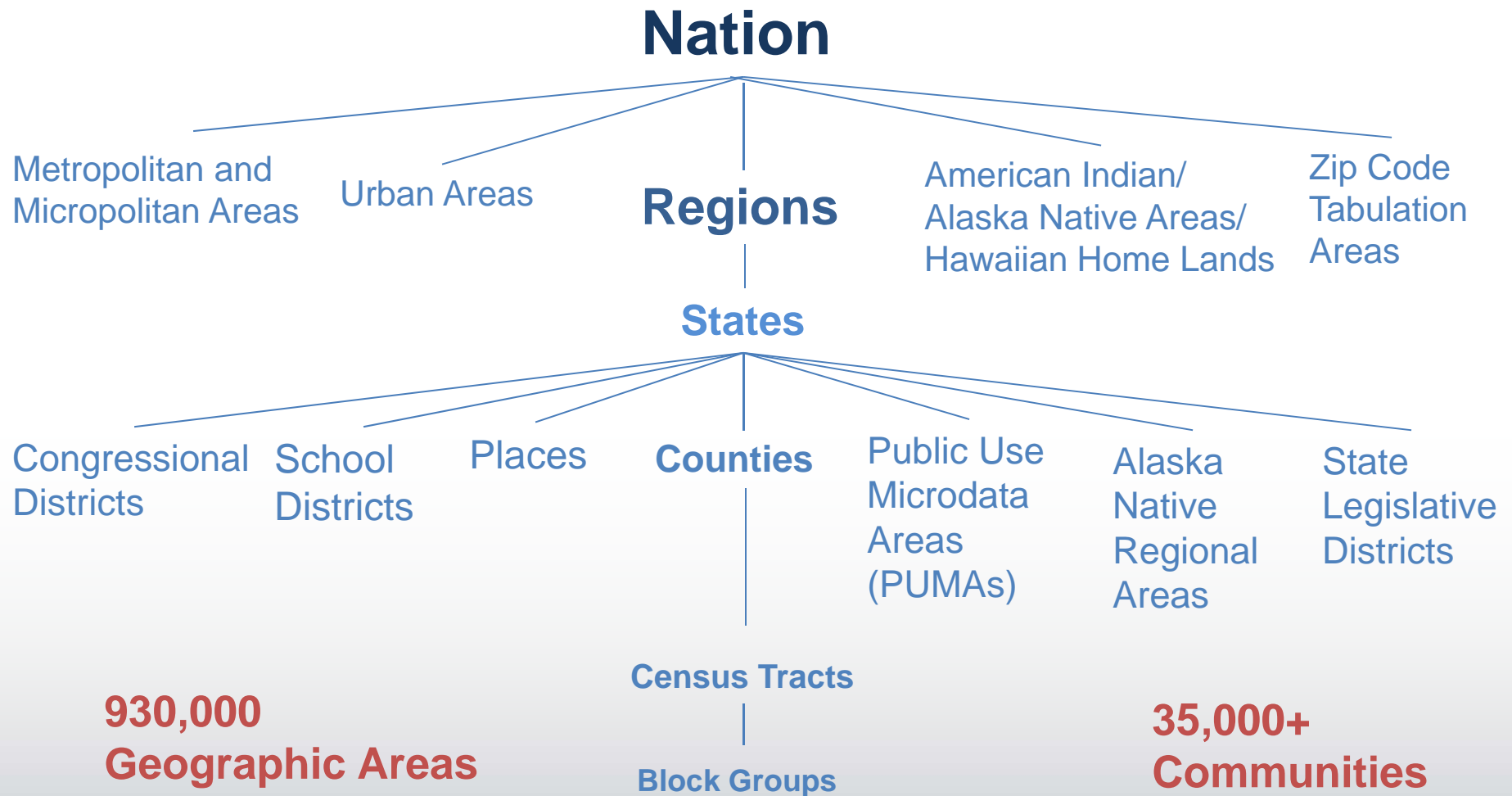
# Availability of ACS Data Products

Estimated Population of Geographic Area	1-Year Estimates	3-Year Estimates	5-Year Estimates
65,000 or more	X	X	X
20,000 to 64,999		X	X
Less than 20,000			X
Planned Release Date	September 2016	N/A	December 2016

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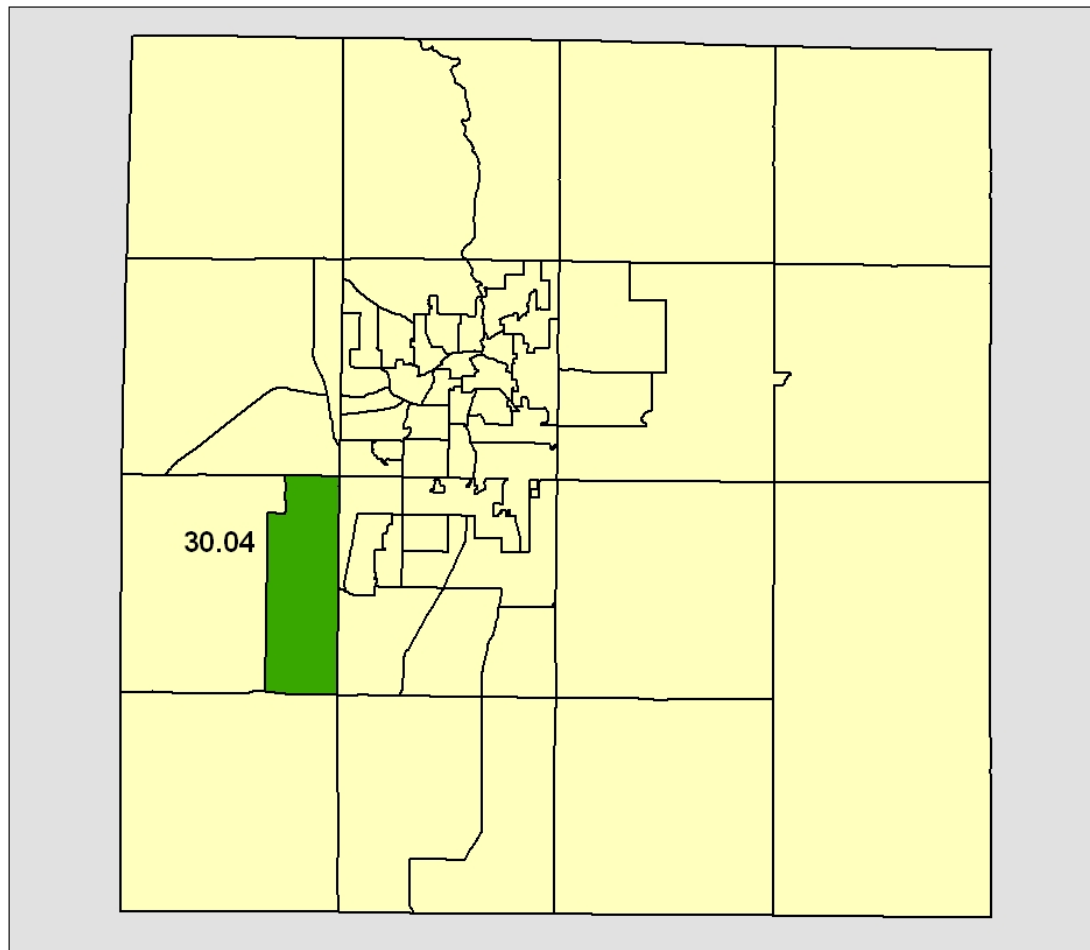
# Selected Census Geographic Concepts



# Tracts and Block Groups

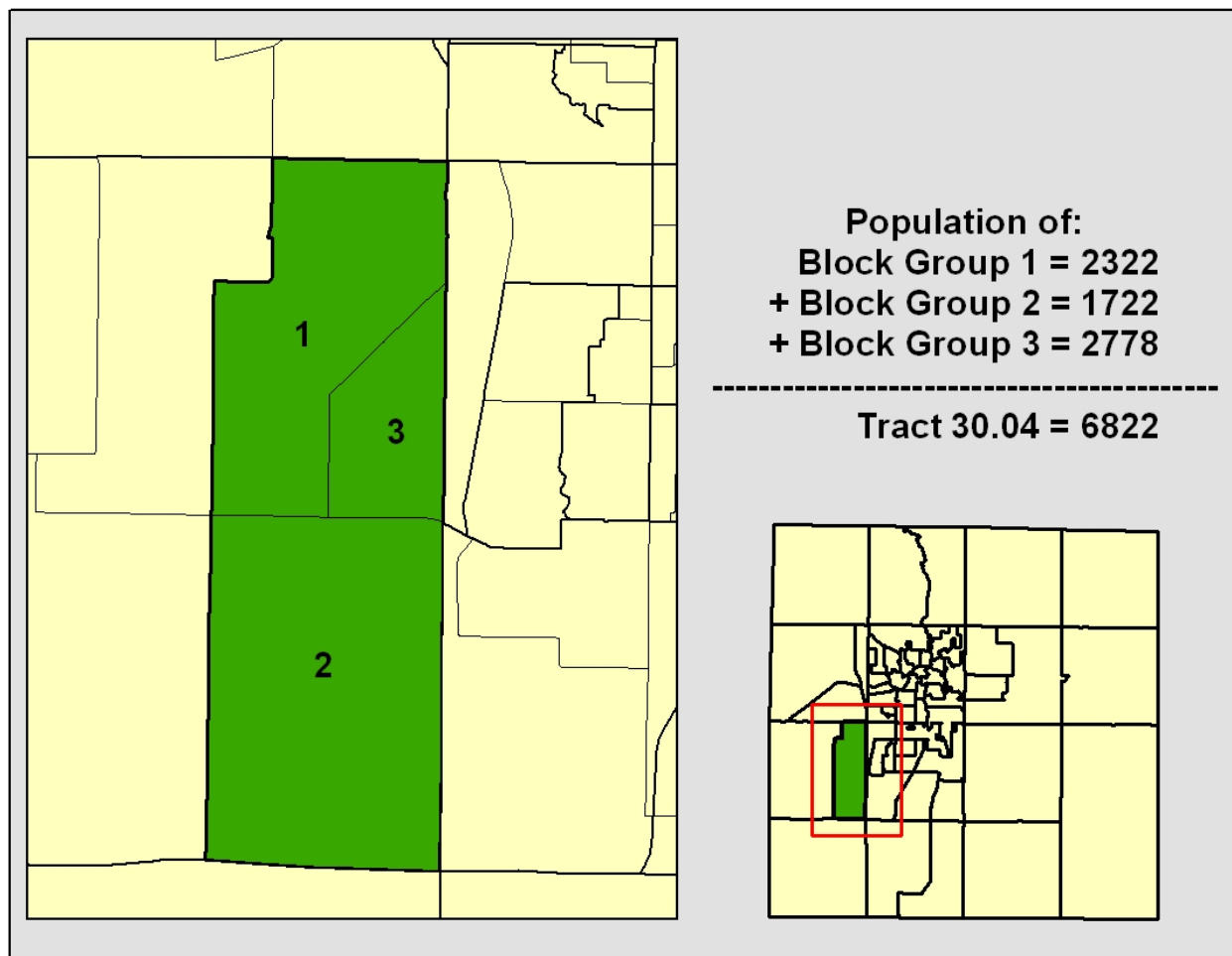
- Block group estimates are available in American FactFinder (2009-2013 ACS 5-year to present) & ACS Summary File (all years)
- Block groups and tracts are available only in the ACS 5-year estimates

# Kalamazoo County, MI - Census Tract 30.04

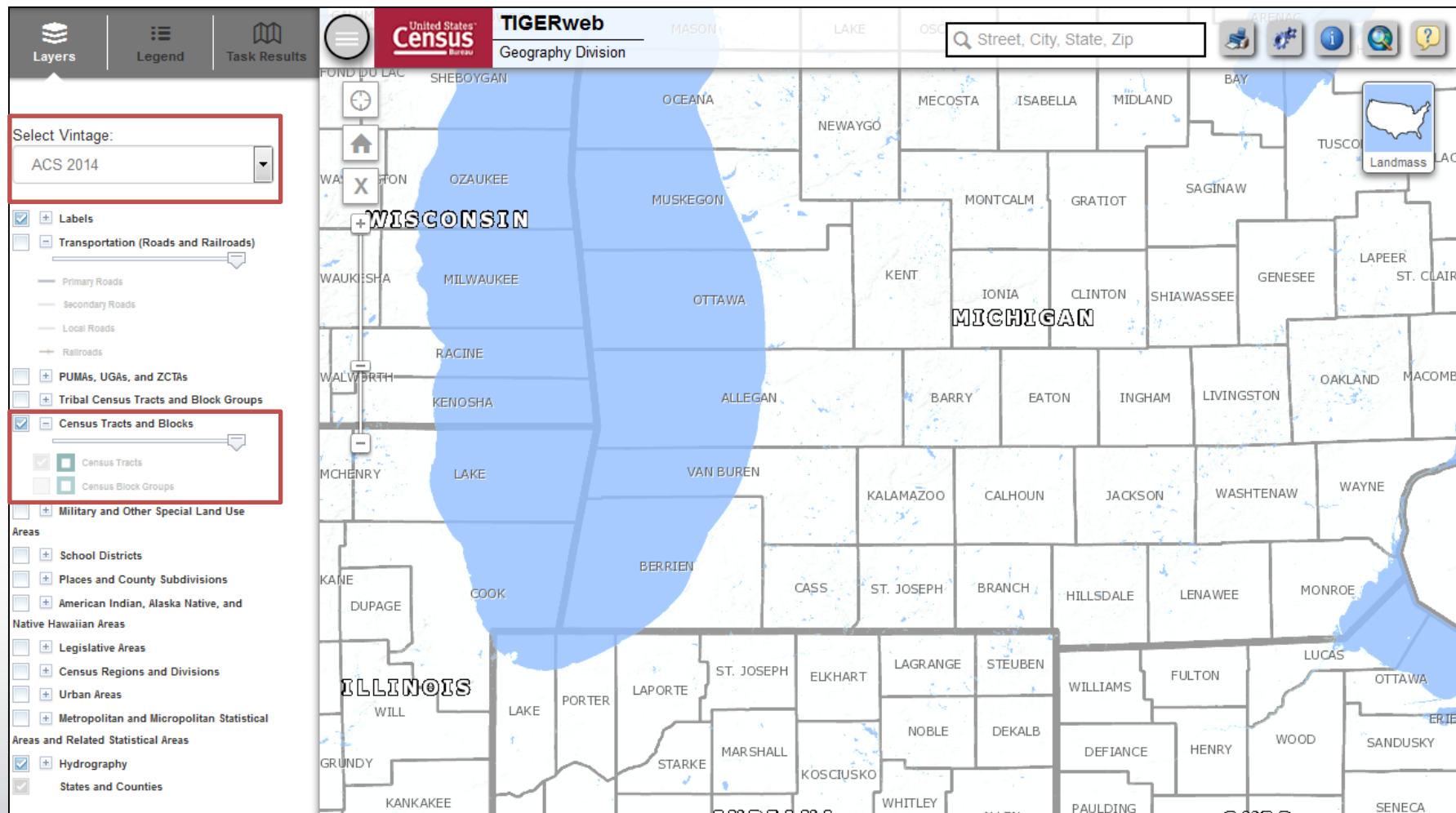


# Kalamazoo County, MI - Census

## Tract 30.04, Block Groups 1, 2, & 3

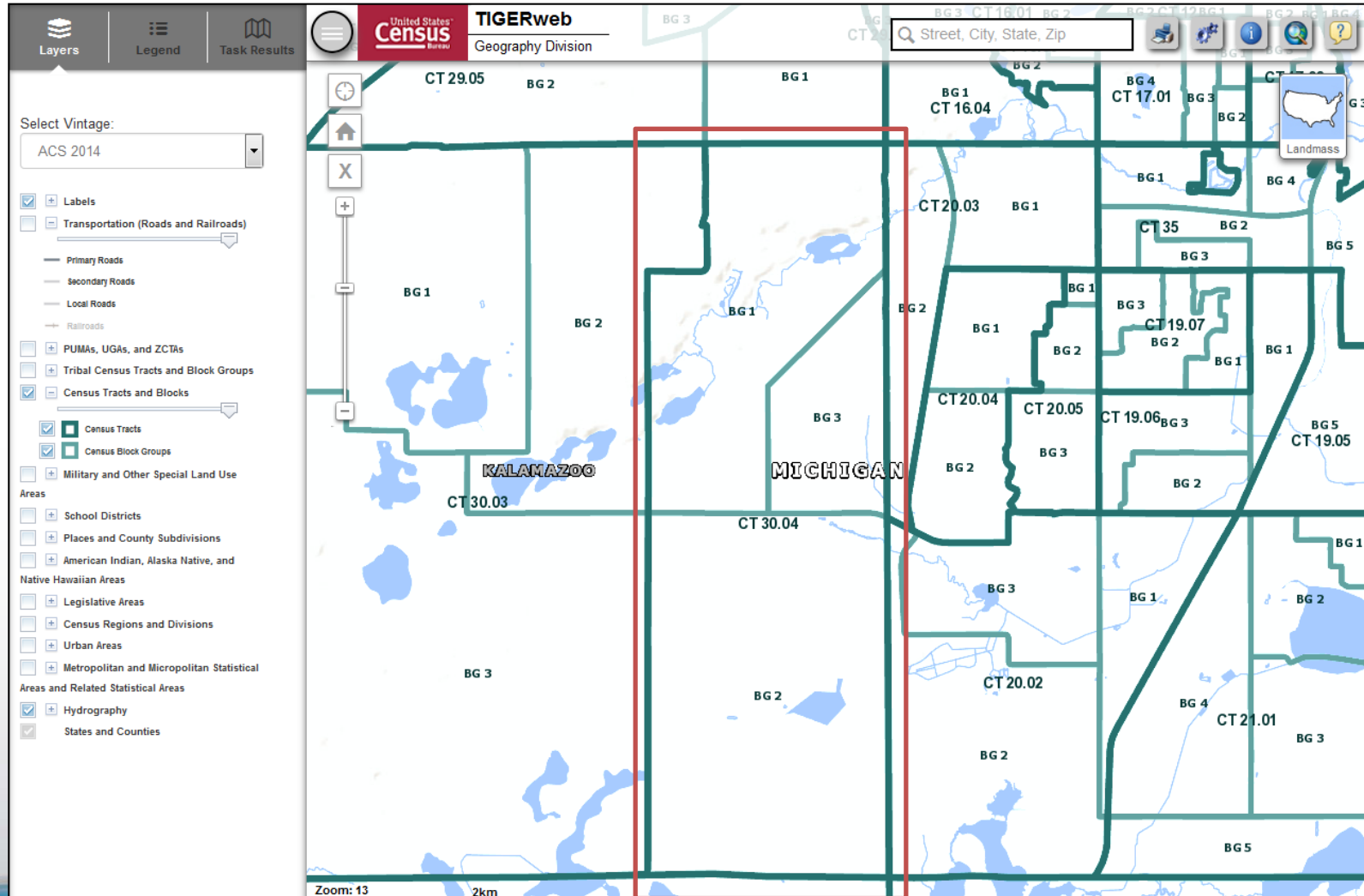


# TIGERweb-Map Layers



[tigerweb.geo.census.gov/tigerweb/](http://tigerweb.geo.census.gov/tigerweb/)

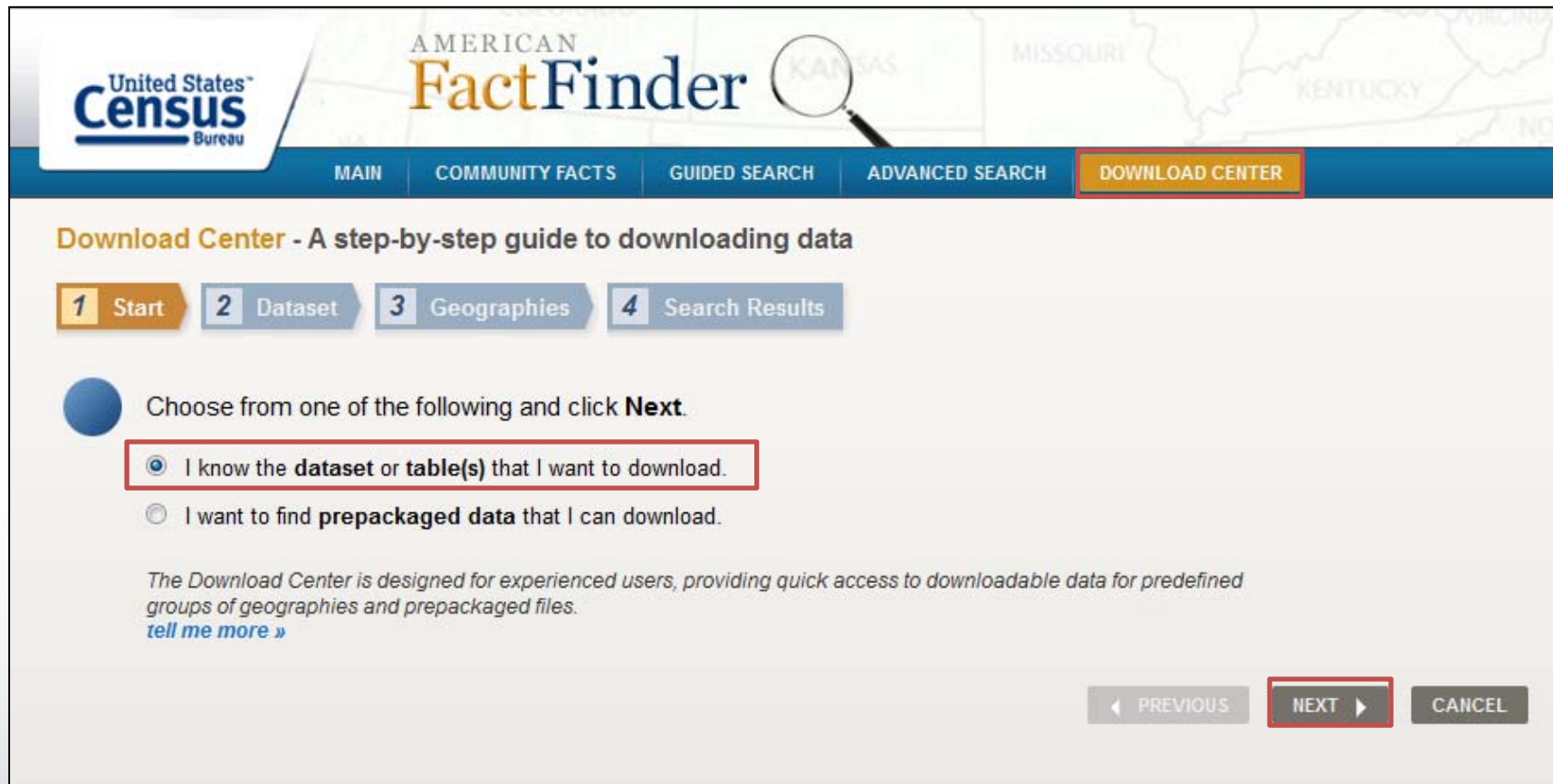
# TIGERweb-Block Groups



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# AFF Download Center



United States<sup>™</sup>  
Census  
Bureau

AMERICAN  
FactFinder

MAIN COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH **DOWNLOAD CENTER**

**Download Center** - A step-by-step guide to downloading data

1 **Start** 2 Dataset 3 Geographies 4 Search Results

Choose from one of the following and click **Next**.

☒ I know the **dataset** or **table(s)** that I want to download.

☐ I want to find **prepackaged data** that I can download.

*The Download Center is designed for experienced users, providing quick access to downloadable data for predefined groups of geographies and prepackaged files.*  
[tell me more »](#)

PREVIOUS **NEXT** CANCEL

factfinder.census.gov

# 2-Dataset

The screenshot shows the 'Download Center' page of the American FactFinder website. The page has a blue header with the United States Census Bureau logo and navigation links: MAIN, COMMUNITY FACTS, GUIDED SEARCH, ADVANCED SEARCH, and DOWNLOAD CENTER. Below the header, a progress bar shows four steps: 1 Start, 2 Dataset (highlighted), 3 Geographies, and 4 Search Results. The main content area is titled 'Download Center - A step-by-step guide to downloading data'. It contains a blue circle icon and the instruction: 'Select the program and dataset you're interested in. Click **Next**.' Below this, there are two selection boxes. The first box is labeled 'Select a program:' and has a dropdown menu with 'American Community Survey' selected. The second box is labeled 'Select a dataset and click **Add to Your Selections**:' and has a list of datasets. The first dataset in the list, '2014 ACS 5-year estimates', is highlighted in blue. Below the list is a red button labeled 'ADD TO YOUR SELECTIONS'. To the right of the selection boxes is a blue box labeled 'Your Selections' which contains the text '"Your Selections" is empty'. Below this box are three buttons: 'PREVIOUS', 'NEXT' (highlighted with a red border), and 'CANCEL'.

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**Census**  
Bureau

AMERICAN  
**FactFinder**

MAIN COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH **DOWNLOAD CENTER**

**Download Center** - A step-by-step guide to downloading data

1 Start 2 **Dataset** 3 Geographies 4 Search Results

Select the program and dataset you're interested in. Click **Next**.

Select a program:  
American Community Survey

Select a dataset and click **Add to Your Selections**:

- 2014 ACS 5-year estimates
- 2014 ACS 1-year estimates
- 2013 ACS 5-year estimates
- 2013 ACS 3-year estimates
- 2013 ACS 1-year estimates
- 2012 ACS 5-year estimates
- 2012 ACS 3-year estimates
- 2012 ACS 1-year estimates
- 2011 ACS 5-year estimates
- 2011 ACS 3-year estimates

**ADD TO YOUR SELECTIONS**

**Your Selections**  
"Your Selections" is empty

PREVIOUS **NEXT** CANCEL

# 3-Geographies

The screenshot shows the 'Download Center' interface for the American FactFinder. The top navigation bar includes links for MAIN, COMMUNITY FACTS, GUIDED SEARCH, ADVANCED SEARCH, and a highlighted DOWNLOAD CENTER. Below the navigation bar, a progress indicator shows four steps: 1 Start, 2 Dataset, 3 Geographies (highlighted), and 4 Search Results. The main content area is titled 'Download Center - A step-by-step guide to downloading data'. It instructs the user to 'Select geographies to add to Your Selections. Click Next.' and provides a tip: 'The download center allows you to select from groups of geographies, such as all counties in a state. To select from all available geographies, use Advanced Search.' The selection process is divided into four sections, each with a radio button and a red border: 1. 'Select a geographic type:' with a dropdown menu showing 'Block Group - 150'. 2. 'Select a state:' with a dropdown menu showing 'Michigan'. 3. 'Select a county:' with a dropdown menu showing '-- select a county --'. 4. 'Select one or more geographic areas and click Add to Your Selections:' with a list box containing 'All Block Groups within Michigan'. Below these sections is an 'ADD TO YOUR SELECTIONS' button. To the right, the 'Your Selections' panel displays 'Search using...' with 'Dataset: 2014 ACS 5-year estimates' and 'Tables matching your selections: 2,282'. At the bottom of this panel are buttons for 'PREVIOUS', 'NEXT' (highlighted with a red border), and 'CANCEL'.

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FactFinder

MAIN COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH DOWNLOAD CENTER

Download Center - A step-by-step guide to downloading data

1 Start 2 Dataset 3 Geographies 4 Search Results

Select geographies to add to Your Selections. Click **Next**.

The download center allows you to select from groups of geographies, such as all counties in a state. To select from all available geographies, use [Advanced Search](#).

Select a geographic type:  
..... Block Group - 150

Select a state:  
Michigan

Select a county:  
-- select a county --

Select one or more geographic areas and click Add to Your Selections:  
All Block Groups within Michigan

ADD TO YOUR SELECTIONS

Your Selections

Search using...  
Dataset:  
2014 ACS 5-year estimates

Tables matching your selections: 2,282

PREVIOUS NEXT CANCEL

# 4-Search Results

The screenshot shows the 'Download Center' interface of the American FactFinder website. The top navigation bar includes links for MAIN, COMMUNITY FACTS, GUIDED SEARCH, ADVANCED SEARCH, and a highlighted DOWNLOAD CENTER button. Below the navigation bar, a progress indicator shows four steps: 1 Start, 2 Dataset, 3 Geographies, and 4 Search Results (highlighted). The main content area is titled 'Download Center - A step-by-step guide to downloading data'. A blue circle icon indicates the current step: 'Select table(s) to download:'. The search results section shows 'Search Results: 1-1 of 1 tables and other products match "Your Selections"' and 'per page: 25'. A search bar with the text 'topic or table name' and a 'GO' button is present. Below the search bar, a table lists the search results. The first result is 'EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER' with ID 'B23025'. The table has columns for 'Table, File or Document Title', 'ID', and 'About'. To the right of the table, a 'Your Selections' panel shows the search criteria: 'Search using...', 'Search: b23025', 'Dataset: 2014 ACS 5-year estimates', 'Block Group within Census Tract', and 'All Block Groups within Michigan'. At the bottom of the panel, it says 'Tables matching your selections: 1'. Navigation buttons 'PREVIOUS', 'NEXT', and 'CANCEL' are at the bottom right.

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AMERICAN FactFinder

MAIN COMMUNITY FACTS GUIDED SEARCH ADVANCED SEARCH DOWNLOAD CENTER

Download Center - A step-by-step guide to downloading data

1 Start 2 Dataset 3 Geographies 4 Search Results

Select table(s) to download:

Search Results: 1-1 of 1 tables and other products match "Your Selections" per page: 25

topic or table name

Refine your search results: GO

1 Selected: Download Check All Clear All Reset Sort

Table, File or Document Title	ID	About
EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER	B23025	

1 Selected: Download Check All Clear All Reset Sort

Your Selections

Search using...

Search: b23025

Dataset: 2014 ACS 5-year estimates

Block Group within Census Tract

All Block Groups within Michigan

Tables matching your selections: 1

PREVIOUS NEXT CANCEL

# Table B23025

	A	B	C	D	E	F	G
1	GEO.id	GEO.id2	GEO.display-label	HD01_VD01	HD02_VD01	HD01_VD02	HD02_VD02
2	Id	Id2	Geography	Estimate; Total:	Margin of Error; Total:	Estimate; In labor force:	Margin of Error; In labor force:
3	1500000US	2.6E+11	Block Group 1, Census Tract 1, Alcona County, Michigan	595	74	174	41
4	1500000US	2.6E+11	Block Group 2, Census Tract 1, Alcona County, Michigan	1040	100	365	60
5	1500000US	2.6E+11	Block Group 1, Census Tract 9701, Alcona County, Michigan	959	79	375	52
6	1500000US	2.6E+11	Block Group 2, Census Tract 9701, Alcona County, Michigan	1136	99	442	65
7	1500000US	2.6E+11	Block Group 1, Census Tract 9704, Alcona County, Michigan	1191	111	523	77
8	1500000US	2.6E+11	Block Group 2, Census Tract 9704, Alcona County, Michigan	1228	118	627	93
9	1500000US	2.6E+11	Block Group 1, Census Tract 9705, Alcona County, Michigan	610	121	250	74
10	1500000US	2.6E+11	Block Group 2, Census Tract 9705, Alcona County, Michigan	528	78	213	50
11	1500000US	2.6E+11	Block Group 3, Census Tract 9705, Alcona County, Michigan	707	87	215	51
12	1500000US	2.6E+11	Block Group 1, Census Tract 9706, Alcona County, Michigan	859	101	313	75
13	1500000US	2.6E+11	Block Group 2, Census Tract 9706, Alcona County, Michigan	571	90	299	61
14	1500000US	2.6E+11	Block Group 0, Census Tract 9900, Alcona County, Michigan	0	10	0	10

# Complete Instructions

## How to Access American Community Survey Estimates Using the American FactFinder Download Center

The American FactFinder (AFF) Download Center provides quick access to American Community Survey (ACS) data for predefined groups of geographies (i.e., all block groups within a state) and prepackaged files (i.e., 2013 ACS 1-year estimates). These instructions show you how to access block group estimates from the 2009-2013 ACS 5-year data release, and they can also be used for other geography levels or datasets.

Please note that for earlier years, block groups are available only in the ACS 5-year Summary File. Learn more about the ACS Summary File at

[http://www.census.gov/acs/www/data\\_documentation/summary\\_file/](http://www.census.gov/acs/www/data_documentation/summary_file/).

1. Access American FactFinder at <http://factfinder.census.gov>. Then click on "Download Center" from the blue toolbar.



2. Use the default selection "I know the dataset or table(s) that I want to download." Then click "Next."



1

[census.gov/programs-surveys/acs/technical-documentation/summary-file-documentation.html](http://census.gov/programs-surveys/acs/technical-documentation/summary-file-documentation.html)

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# What is the ACS Summary File?

- Set of comma-delimited text files that contain all of the Detailed Tables
- Stored in a series of files on the FTP site
- Files contain only the data from the tables (no information such as table title, description of the rows, etc)
- Data have already been tabulated for specific geographic areas

# AFF vs. Summary File

B23025

EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER  
Universe: Population 16 years and over ⓘ  
2010-2014 American Community Survey 5-Year Estimates

<< 1 - 18 of 24 >>

	Block Group 1, Census Tract 1, Alcona County, Michigan	
	Estimate	Margin of Error
Total:	595	+/-74
In labor force:	174	+/-41
Civilian labor force:	174	+/-41
Employed	168	+/-40
Unemployed	6	+/-6
Armed Forces	0	+/-10
Not in labor force	421	+/-55

e20145mi0078000.txt - Notepad

File Edit Format View Help

```

217,433,62,25,37,371ACSSF,2014e5,mi,000,0078,0006574,2704,467,117,42,0,42
0,1432,754,341,54,27,22,0,5,0,0,0,21,9,0,0,0,8,4,6,6,0,0,0,0,0,287,413,47
24,1058,733,260,272,325,461,327,260,67,134,366,207,128,79,159,159,15,15,0
,595,174,174,168,6,0,421,839,180,27,18,13,0,0,5,0,0,9,3,0,0,0,3,3,0,0,0,0
132,48,0,0,0,0,0,46,86,38,0,58,43,15,28,538,84,17,0,17,12,5,67,454,320,0
45,210,121,89,35,246,135,97,38,111,270,135,61,74,135,97,25,18,7,72,210,22
7,0,0,0,0,0,6,3,0,0,0,0,3,144,707,29,17,0,17,12,7,0,0,0,7,108,86,61,25,22
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13,0,0,0,0,0,13,169,1673,217,76,0,76,141,128,107,0,107,21,495,398,247,151
03,973,130,0,572,169,91,18,3,3,0,0,0,0,0,0,0,15,0,0,11,0,0,4,0,0,0,0,0,0,7
006620,1617,59,4,4,0,4,4,0,0,55,29,0,29,14,15,26,1558,127,43,0,43,43,0,84
0,119,1156,94,38,3,35,56,83,63,18,45,20,368,298,165,133,70,209,172,110,6
4,0,426,210,110,16,12,5,0,4,0,0,3,0,0,0,0,0,0,0,4,0,0,0,0,0,4,94,100,17,5
,19,0,0,0,0,0,0,19,7,0,7,7,0,12,344,12,5,0,5,5,0,7,332,253,0,253,242,11
,198,28,0,28,170ACSSF,2014e5,mi,000,0078,0006631,464,74,0,0,0,0,0,0,0,0,74

```

# How to Use the ACS SF

- 1—Verify table is available at block group level  
(not all tables are published for this geography)
- 2—Use appropriate tool to access ACS SF  
Summary File Retrieval Tool  
DataFerrett  
FTP site

# Summary File Page

The screenshot shows the U.S. Census Bureau website with the 'American Community Survey (ACS)' section. The left sidebar contains a list of links, with 'Technical Documentation' and 'Summary File Documentation' highlighted with red boxes. The main content area is titled 'Summary File Documentation' and includes a description of the ACS Summary File, a list of years (2014, 2013, 2012, 2011, 2010) with 2014 selected, and a 'Technical Document' section listing various documents like '2014 Core Tech Doc' and 'Instructions on How to Read the ACS Summary File into Excel'. At the bottom, there are links for '1-year Appendices' and '5-year Appendices', with the latter highlighted by a red box.

United States<sup>™</sup> Census Bureau

U.S. Department of Commerce

Search

Topics: Population, Economy | Geography: Maps, Products | Library: Infographics, Publications | Data: Tools, Developers | Surveys/Programs: Respond, Survey Data | Newsroom: News, Blogs | About Us: Our Research

## American Community Survey (ACS)

About the Survey  
Respond to the Survey  
News & Updates  
Data  
Guidance for Data Users  
Geography & ACS  
**Technical Documentation**  
Code Lists, Definitions, and Accuracy  
User Notes  
Errata  
Data Suppression  
Table & Geography Changes  
**Summary File Documentation**  
PUMS Documentation  
Race/Ethnicity and AIAN Release Documentation  
Methodology

### Summary File Documentation

[Tweet](#) [Share](#)

The American Community Survey (ACS) Summary File is a set of comma-delimited text files that contain all of the Detailed Tables for the ACS 1-year, 3-year, and 5-year data releases. Summary File estimates, margins of error, and geography files for each release are available via the [Summary File Data page](#).

The Detailed Tables are stored in a series of files with only the data from the tables and without such information as the table title, description of the rows, or geographic identifiers. That information is located in other files that the user must merge with the data files to reproduce full tables.

**Starting with the 2009-2013 ACS 5-year data release**, block groups, the lowest level of geography published by the ACS, are available in American FactFinder. For earlier years, block groups are available only in the ACS 5-year Summary File.

2014 2013 2012 2011 2010 ▶

### Technical Document

Core technical document contains information about how to use the ACS Summary File

- [2014 Core Tech Doc \[1.0 MB\]](#)
- [Instructions on How to Read the ACS Summary File into Excel \[<1.0 MB\]](#)
- [Instructions on How to Access ACS Estimates Using the AFF Download Center \[1.0 MB\]](#)
- [Instructions on Joining the ACS Summary File to TIGER/Line Shapefiles \[< 1.0 MB\]](#)

Appendices include the sequence number and restrictions for all tables, as well as summary levels available for each release

- [1-year Appendices \[<1.0 MB\]](#)
- [5-year Appendices \[<1.0 MB\]](#)

[census.gov/programs-surveys/acs/technical-documentation/summary-file-documentation.html](https://census.gov/programs-surveys/acs/technical-documentation/summary-file-documentation.html)

# Check Appendix for Table

	A	B	C	D	E
1	Table Number	Table Title	Geography Restrictions	Summary File Sequence Number	Summary File Starting and Ending
680	B23025	Employment Status For The Population 16 Years And Over		0078	38-44
681	B23026	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 65 Years And Over		0078	45-93
682	B23027	Full-Time, Year-Round Work Status In The Past 12 Months By Age For The Population 16 Years And Over		0078	94-129
683	B24011	Occupation By Median Earnings In The Past 12 Months (In 2014 Inflation-Adjusted Dollars) For The Civilian Employed Population 16 Years And Over	No Blockgroups	0079	7-42

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# Summary File Retrieval Tool

- Includes datasets through 2012  
(i.e., 2008-2012 ACS 5-year estimates)
- Allows users to load tables from the ACS SF into an Excel spreadsheet
- Must have Excel 2007 or newer to run tool
- You can access all tracts and block groups per table per state

# Summary File Page

2014

2013

2012


2011


2010


▶

**Technical Documents**

Contains information about how to use the ACS Summary File


 1-Year Tech Doc [3.4 MB]


 3-Year Tech Doc [3.4 MB]


 5-Year Tech Doc [2.5 MB]

**Table Shells**

Contains table ID, line number, unique ID (table ID + Line Number), stub, and data release

 1-Year Table Shells [3.5 MB]

 3-Year Table Shells [3.5 MB]

 5-Year Table Shells [<1.0 MB]

**Sequence Number/Table Number Lookup File**

Contains information on the relationship between the sequences and the tables

[1-Year Sequence/Table Number Lookup](#)  
(xls, sas7bdat, or txt)

[3-Year Sequence/Table Number Lookup](#)  
(xls, sas7bdat, or txt)

[5-Year Sequence/Table Number Lookup](#)  
(xls, sas7bdat, or txt)

**Summary File User Tools**

**Summary File Retrieval Tool**  
Access an Excel Macro tool ideal for downloading 20 ACS detailed tables or less for all published geographies within a state

**DataFerrett**

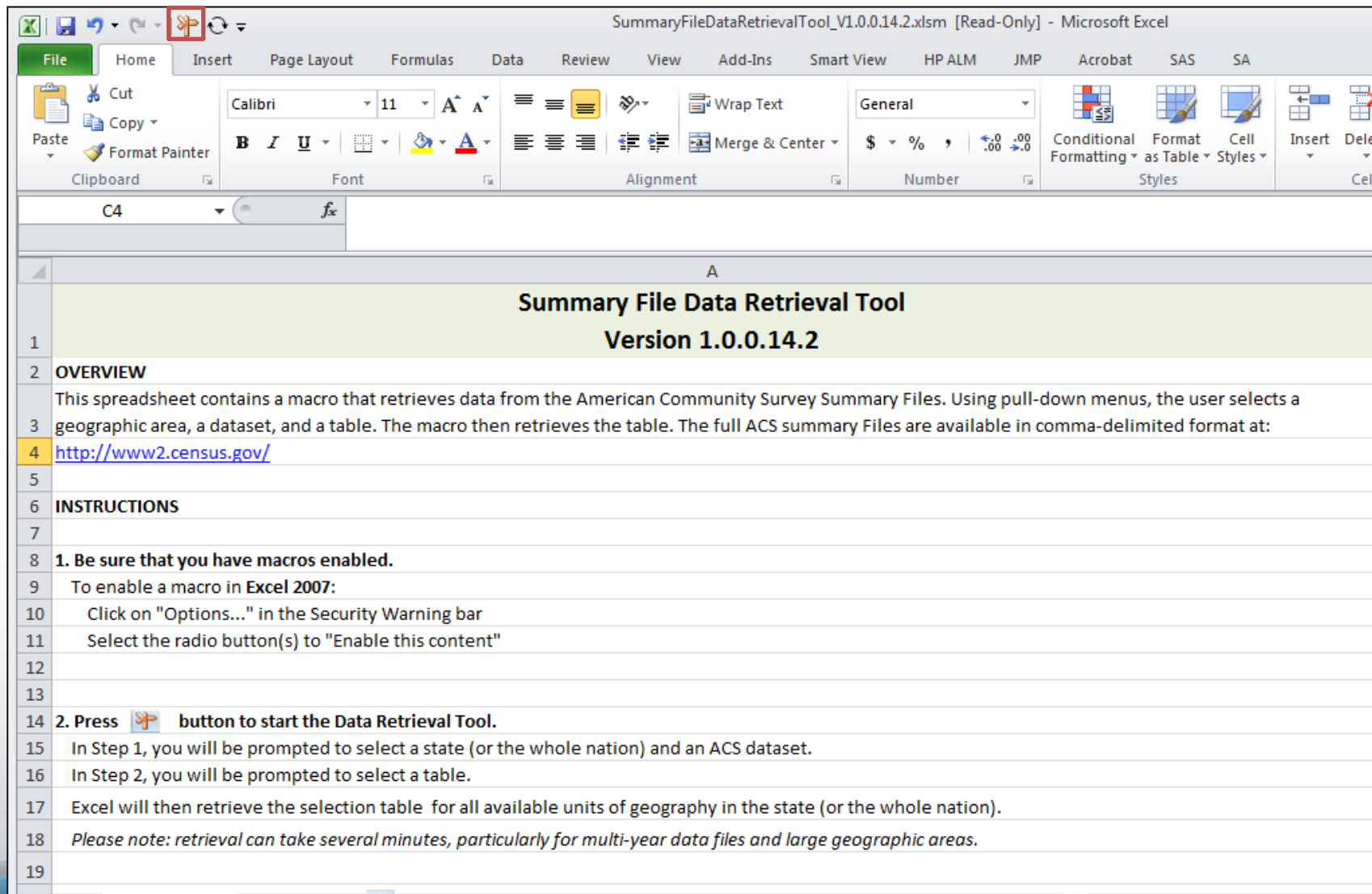
Online tool that can analyze and extract data from the ACS 5-year Summary File

**User Tools Folder**

Other tools, such as SAS programs and Excel templates, are available on the FTP site

[census.gov/programs-surveys/acs/technical-documentation/summary-file-documentation.2012.html](https://census.gov/programs-surveys/acs/technical-documentation/summary-file-documentation.2012.html)

# SF Retrieval Tool



SummaryFileDataRetrievalTool\_V1.0.0.14.2.xlsm [Read-Only] - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View Add-Ins Smart View HP ALM JMP Acrobat SAS SA

Clipboard Font Alignment Number Styles

C4

A

**Summary File Data Retrieval Tool**  
**Version 1.0.0.14.2**

**OVERVIEW**

This spreadsheet contains a macro that retrieves data from the American Community Survey Summary Files. Using pull-down menus, the user selects a geographic area, a dataset, and a table. The macro then retrieves the table. The full ACS summary Files are available in comma-delimited format at:

<http://www2.census.gov/>


**INSTRUCTIONS**

**1. Be sure that you have macros enabled.**

To enable a macro in Excel 2007:

Click on "Options..." in the Security Warning bar

Select the radio button(s) to "Enable this content"

**2. Press  button to start the Data Retrieval Tool.**

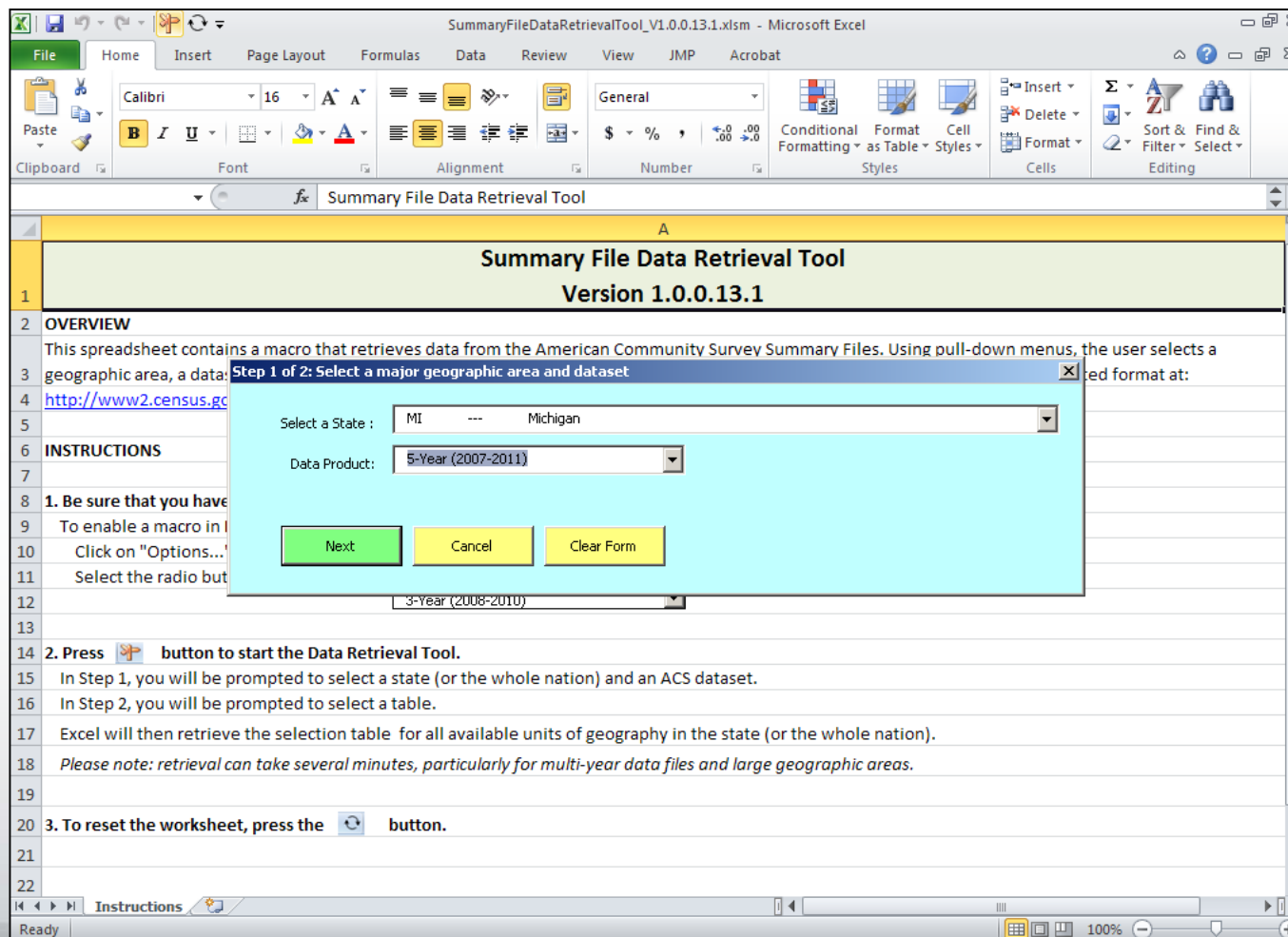
In Step 1, you will be prompted to select a state (or the whole nation) and an ACS dataset.

In Step 2, you will be prompted to select a table.

Excel will then retrieve the selection table for all available units of geography in the state (or the whole nation).

*Please note: retrieval can take several minutes, particularly for multi-year data files and large geographic areas.*

# Step 1 of 2



SummaryFileDataRetrievalTool\_V1.0.0.13.1.xlsm - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View JMP Acrobat

Clipboard Font Alignment Number Styles Cells Editing

Summary File Data Retrieval Tool

Summary File Data Retrieval Tool  
Version 1.0.0.13.1

OVERVIEW

This spreadsheet contains a macro that retrieves data from the American Community Survey Summary Files. Using pull-down menus, the user selects a geographic area, a data product, and a table format at:

<http://www2.census.gov>


INSTRUCTIONS

1. Be sure that you have the macro enabled in the spreadsheet.

To enable a macro in the spreadsheet:

Click on "Options..." in the File menu.

Select the radio button for "Enable macros".


2. Press the  button to start the Data Retrieval Tool.

In Step 1, you will be prompted to select a state (or the whole nation) and an ACS dataset.

In Step 2, you will be prompted to select a table.

Excel will then retrieve the selection table for all available units of geography in the state (or the whole nation).

Please note: retrieval can take several minutes, particularly for multi-year data files and large geographic areas.

3. To reset the worksheet, press the  button.

Instructions

Ready

# Step 2 of 2

SummaryFileDataRetrievalTool\_V1.0.0.13.1.xlsm - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View JMP Acrobat

Clipboard Font Alignment Number Styles Cells Editing

ACSSF

	A	B	C	D	E	F	G	H
	fileid	Table ID	seq	Line Number	Decimal M Lines	position	cells	total Long Table Title
1								
2	ACSSF	B00001						
3	ACSSF	B00001						
4	ACSSF	B00001						
5	ACSSF	B00002						
6	ACSSF	B00002						
7	ACSSF	B00002						
8	ACSSF	B01001						
9	ACSSF	B01001						
10	ACSSF	B01001						
11	ACSSF	B01001						
12	ACSSF	B01001						
13	ACSSF	B01001						
14	ACSSF	B01001						
15	ACSSF	B01001						
16	ACSSF	B01001	2	7	.		.	18 and 19 years
17	ACSSF	B01001	2	8	.		.	20 years
18	ACSSF	B01001	2	9	.		.	21 years
19	ACSSF	B01001	2	10	.		.	22 to 24 years
20	ACSSF	B01001	2	11	.		.	25 to 29 years
21	ACSSF	B01001	2	12	.		.	30 to 34 years
22	ACSSF	B01001	2	13	.		.	35 to 39 years
23	ACSSF	B01001	2	14	.		.	40 to 44 years
24	ACSSF	B01001	2	15	.		.	45 to 49 years

Step 2 of 2: Table Lookup

Select Table Name by ID or by Table Description

☒ Select by Table ID ☐ Select by Table Description

Table Name by ID: B23025

☒ Tracts and Block Groups ONLY (no checkmark defaults to all Geographies NOT including Tracts and Block Groups)

☐ Merge Estimates with Margin of Errors (This will take time to perform depending on the table size selected)

Next Cancel Clear Form

Ready Metadata Geography Estimates MarginOfError Merge Instructions

# Results-Estimates

SummaryFileDataRetrievalTool\_V1.0.0.13.1.xlsm - Microsoft Excel

Table: B23025 - EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER											
	File Type	Estimate Type	State	County	Sequence Number	LOGREC NO	Geo Name	B23025 Total:	B23025 In labor force:	B23025 Civilian labor force:	B23025 Employed
2816	ACSSF	2011e5	mi	000	0075	0012193	Block Group 1, Census Tract 1, Alcona County, Michigan	651	203	203	186
2817	ACSSF	2011e5	mi	000	0075	0012194	Block Group 2, Census Tract 1, Alcona County, Michigan	1037	402	402	355
2818	ACSSF	2011e5	mi	000	0075	0012195	Block Group 1, Census Tract 9701, Alcona County, Michigan	955	415	415	371
2819	ACSSF	2011e5	mi	000	0075	0012196	Block Group 2, Census Tract 9701, Alcona County, Michigan	1327	595	595	519
2820	ACSSF	2011e5	mi	000	0075	0012197	Block Group 1, Census Tract 9704, Alcona County, Michigan	1136	520	520	459
2821	ACSSF	2011e5	mi	000	0075	0012198	Block Group 2, Census Tract 9704, Alcona County, Michigan	1293	703	703	607
2822	ACSSF	2011e5	mi	000	0075	0012199	Block Group 1, Census Tract 9705, Alcona County, Michigan	715	283	283	217
2823	ACSSF	2011e5	mi	000	0075	0012200	Block Group 2, Census Tract 9705, Alcona County, Michigan	513	236	236	170
2824	ACSSF	2011e5	mi	000	0075	0012201	Block Group 3, Census Tract 9705, Alcona County, Michigan	748	215	215	174
2825	ACSSF	2011e5	mi	000	0075	0012202	Block Group 1, Census Tract 9706, Alcona County, Michigan	773	280	280	225
2826	ACSSF	2011e5	mi	000	0075	0012203	Block Group 2, Census Tract 9706, Alcona County, Michigan	550	264	264	196
							Block Group 0, Census Tract 9900, Alcona				

MetadataGeographyEstimatesMarginOfErrorInstructions

# Video on Using SF Retrieval Tool



[youtube.com/user/uscensusbureau](https://youtube.com/user/uscensusbureau)

# Outline

- American Community Survey (ACS) basics
- Tracts and block groups
- AFF Download Center
- Overview of ACS Summary File (ACS SF)
- Ways to access the ACS SF
  - Summary File Retrieval Tool
  - **DataFerrett**
  - FTP site
  - Other
- Wrap up

# DataFerrett

## TheDataWeb


- Home
- About Us
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- Collaboration
- Contact Us

### DataFerrett


DataFerrett is a data analysis and extraction tool to customize federal, state, and local data to suit your requirements. Using DataFerrett, you can develop an unlimited array of customized spreadsheets that are as versatile and complex as your usage demands then turn those spreadsheets into graphs and maps without any additional software.

**What you should check before getting started:**

- ✓ Java Installed: [Check your version](#) or [Download the latest version](#)
- ✓ Allow Pop-ups
- ✓ Run in IE/Firefox

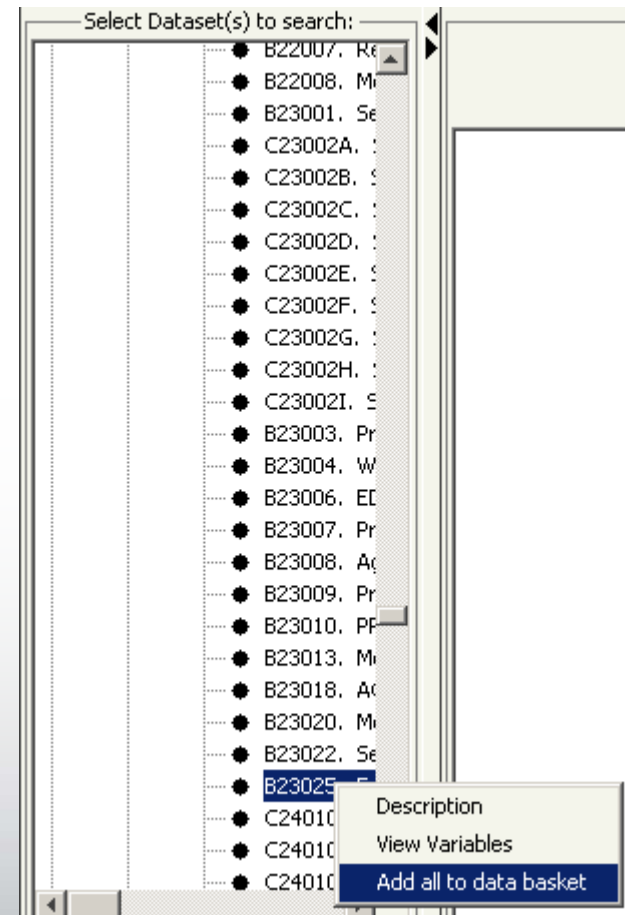
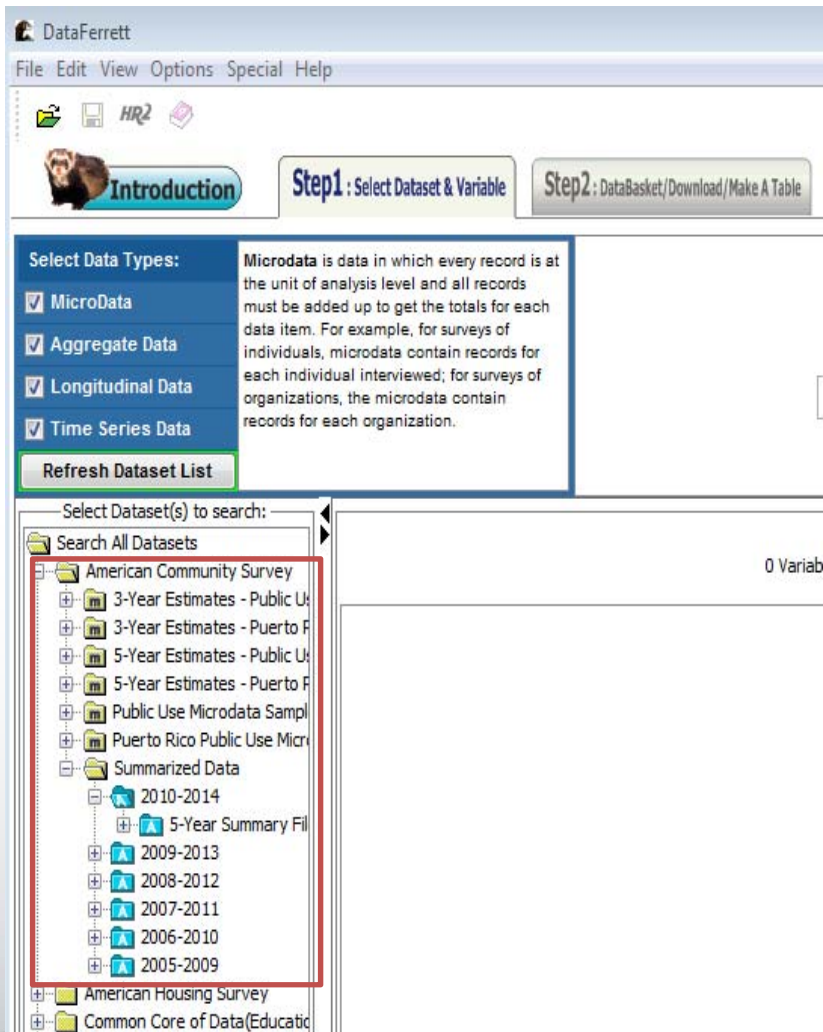


### DATAFERRETT

- DataFerrett Home
- Getting Started
- About the Datasets
- User Resources
- FAQs
-  Launch DataFerrett

[dataferrett.census.gov](http://dataferrett.census.gov)

# Finding Summary Data



# Select Geographies

Introduction

**Step1 : Select Dataset & Variable**

Step2 : DataBasket/Download/Make A Table

**Select Data Types:**

- ☒ MicroData
- ☒ Aggregate Data
- ☒ Longitudinal Data
- ☒ Time Series Data

[Refresh Dataset List](#)

Microdata is data in which every record is at the unit of analysis level and all records must be added up to get the totals for each data item. For example, for surveys of individuals, microdata contain records for each individual interviewed; for surveys of organizations, the microdata contain records for each organization.

Variable ☒ Labels ☐ Names ☐ Topics ☐ Question Text ☐ Values

☒ match ANY word ☐ match ALL words

Search

Instructions

Empty DataBasket

Select Dataset(s) to search:

Highlight the variables you are interested in

7 Variables returned from search. 8 variables selected in DataBasket.

[Browse/Select Highlighted Variables](#)

**REQUIRED VARIABLES**

Selected	Topic	Name	Availability	Variable Label
<input checked="" type="checkbox"/> Default value selected for you	Selectable Geographies	COMPONENT	2005-2009 - current	Geographic Component
<input checked="" type="checkbox"/> Needs to be selected	Selectable Geographies	Geography	2005-2009 - current	Geographic Items

**REGULAR VARIABLES**

Topic	Name	Availability	Variable Label	Mergeat
B23025, Employment Status for the Population 16 Years and Over	B23025_001E	2007-2011 - 2007-2011	Total:	No
B23025, Employment Status for the Population 16 Years and Over	B23025_002E	2007-2011 - 2007-2011	In labor force:	No
B23025, Employment Status for the Population 16 Years and Over	B23025_003E	2007-2011 - 2007-2011	In labor force:!!Civilian labor force:	No
B23025, Employment Status for the Population 16 Years and Over	B23025_004E	2007-2011 - 2007-2011	In labor force:!!Civilian labor force:!!Employed	No
B23025, Employment Status for the Population 16 Years and Over	B23025_005E	2007-2011 - 2007-2011	In labor force:!!Civilian labor force:!!Unemployed	No
B23025, Employment Status for the Population 16 Years and Over	B23025_006E	2007-2011 - 2007-2011	In labor force:!!Armed Forces	No
B23025, Employment Status for the Population 16 Years and Over	B23025_007E	2007-2011 - 2007-2011	Not in labor force	No

# Select Geographies

The screenshot shows the 'Ferrett Geography Codebook' application window. It features a title bar, a toolbar with an information icon, and a main content area divided into three panes. The left pane, titled 'Types of geography available:', contains a list of geographic levels with 'Block Group' selected. The middle pane, titled 'Hierarchies:', shows a hierarchy path 'State (FIPS Code) > County > Census Tract > Block Group' with 'Block Group' highlighted. The right pane, titled 'Selected Geographic Areas:', is currently empty. At the bottom, there are buttons for 'Search', 'Use Hierarchy', 'Cancel', 'Delete Selection', 'Clear All', and 'Finish'. An 'Instructions' box at the top right provides guidance on how to use the hierarchy feature.

**Ferrett Geography Codebook**

**Browse/Select Geographies**

**Instructions:**  
Select the type geography from left list.  
Once selected, either double click or select the hierarchy and click the "Use Hierarchy" button to navigate that hierarchy.

**Types of geography available:**

- United States
- American Indian/Alaska Native Area and H
- Block Group**
- Combined Statistical Area
- Congressional District
- County
- County Subdivision
- Division
- Legislative District
- Metro Area
- Place
- Public Microdata Use Area
- Region
- School District

**Hierarchies:**


State (FIPS Code) > County > Census Tract > Block Group


**Selected Geographic Areas:**

Search Use Hierarchy Cancel Delete Selection Clear All Finish

# Next Level-State

**Ferrett Geography Codebook**

 **Select State (FIPS Code)**

 **Instructions:**  
Drag geographies to drop into to the right list.  
Drag final selections to the "Selected Geographic Areas" list.  
Clicking a link at the top will drop directly into that level of the hierarchy.

[Home](#) >> [State \(FIPS Code\)](#) >> [County](#) >> [Census Tract](#) >> [Block Group](#)

**Select State (FIPS Code)**

Iowa  
Kansas  
Kentucky  
Louisiana  
Maine  
Maryland  
Massachusetts  
**Michigan**  
Minnesota  
Mississippi  
Missouri

Search:

**State (FIPS Code)(s) to drop into.**

Michigan

**Selected Geographic Areas:**

# Next Level-County

**Ferrett Geography Codebook**

**Select County**

**Instructions:**  
Drag geographies to drop into to the right list.  
Drag final selections to the "Selected Geographic Areas" list.  
Clicking a link at the top will drop directly into that level of the hierarchy.

[Home](#) >> [State \(FIPS Code\)](#) >> [County](#) >> [Census Tract](#) >> [Block Group](#)

**Select County**

Select All

Alcona County, Michigan  
Alger County, Michigan  
Allegan County, Michigan  
Alpena County, Michigan  
Antrim County, Michigan  
Arenac County, Michigan  
Baraga County, Michigan  
Barry County, Michigan  
Bay County, Michigan

Search:

**County(s) to drop into.**

Clear All Delete Selection

Alcona County, Michigan  
Alger County, Michigan  
Allegan County, Michigan  
Alpena County, Michigan  
Antrim County, Michigan  
Arenac County, Michigan  
Baraga County, Michigan  
Barry County, Michigan  
Bay County, Michigan  
Benzie County, Michigan  
Berrien County, Michigan

**Selected Geographic Areas:**

**FIPS State Code Count: 1**  
Michigan

Search Previous Level **Next Level** Cancel Delete Selection Clear All Finish

# Next Level-Census Tract

**Ferrett Geography Codebook**

**Select Census Tract**

**Instructions:**  
Drag geographies to drop into to the right list.  
Drag final selections to the "Selected Geographic Areas" list.  
Clicking a link at the top will drop directly into that level of the hierarchy.

[Home](#) >> [State \(FIPS Code\)](#) >> [County](#) >> [Census Tract](#) >> [Block Group](#)

**Select Census Tract**

Select All

Census Tract 1, Alcona County, Michigan  
Census Tract 9701, Alcona County, Michigan  
Census Tract 9704, Alcona County, Michigan  
Census Tract 9705, Alcona County, Michigan  
Census Tract 9706, Alcona County, Michigan  
Census Tract 9900, Alcona County, Michigan  
Census Tract 1, Alger County, Michigan  
Census Tract 2, Alger County, Michigan

Search:

**Census Tract(s) to drop into.**

Clear All Delete Selection

Census Tract 1, Alcona County, Michigan  
Census Tract 9701, Alcona County, Michigan  
Census Tract 9704, Alcona County, Michigan  
Census Tract 9705, Alcona County, Michigan  
Census Tract 9706, Alcona County, Michigan  
Census Tract 9900, Alcona County, Michigan  
Census Tract 1, Alger County, Michigan  
Census Tract 2, Alger County, Michigan  
Census Tract 3, Alger County, Michigan  
Census Tract 9900, Alger County, Michigan  
Census Tract 302, Allegan County, Michigan

Search Previous Level **Next Level** Cancel


**Selected Geographic Areas:**


FIPS State Code	Count: 1
Michigan	

Delete Selection Clear All Finish

# Next Level-Block Group

**Ferrett Geography Codebook**

 **Select Block Group**

 **Instructions:**  
Drag geographies to drop into to the right list.  
Drag final selections to the "Selected Geographic Areas" list.  
Clicking a link at the top will drop directly into that level of the hierarchy.

[Home](#) >> [State \(FIPS Code\)](#) >> [County](#) >> [Census Tract](#) >> [Block Group](#)

**Select Block Group**

Select All

Block Group 1, Census Tract 29.02, Ingha  
Block Group 2, Census Tract 29.02, Ingha  
Block Group 3, Census Tract 29.02, Ingha  
Block Group 1, Census Tract 31.03, Ingha  
Block Group 2, Census Tract 31.03, Ingha  
Block Group 3, Census Tract 31.03, Ingha  
Block Group 4, Census Tract 31.03, Ingha  
Block Group 5, Census Tract 31.03, Ingha

Search:

**Block Group(s) to drop into.**

Clear All Delete Selection

Please drag wanted geographies to "Selected Geographies" panel to the right.

**Selected Geographic Areas: 8205 Block Group(s) added.**

**Block Group Count: 8205**

Block Group 1, Census Tract 29.02, Ingham County, Mich  
Block Group 2, Census Tract 29.02, Ingham County, Mich  
Block Group 3, Census Tract 29.02, Ingham County, Mich  
Block Group 1, Census Tract 31.03, Ingham County, Mich  
Block Group 2, Census Tract 31.03, Ingham County, Mich  
Block Group 3, Census Tract 31.03, Ingham County, Mich  
Block Group 4, Census Tract 31.03, Ingham County, Mich  
Block Group 5, Census Tract 31.03, Ingham County, Mich  
Block Group 6, Census Tract 31.03, Ingham County, Mich  
Block Group 1, Census Tract 32, Ingham County, Michigar  
Block Group 2, Census Tract 32, Ingham County, Michigar  
Block Group 1, Census Tract 33.01, Ingham County, Mich

Search Previous Level Next Level Cancel Delete Selection Clear All **Finish**

# Step 2

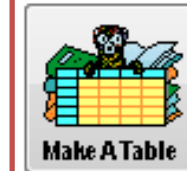


Introduction

Step1 : Select Dataset & Variable

Step2 : DataBasket/Download/Make A Table

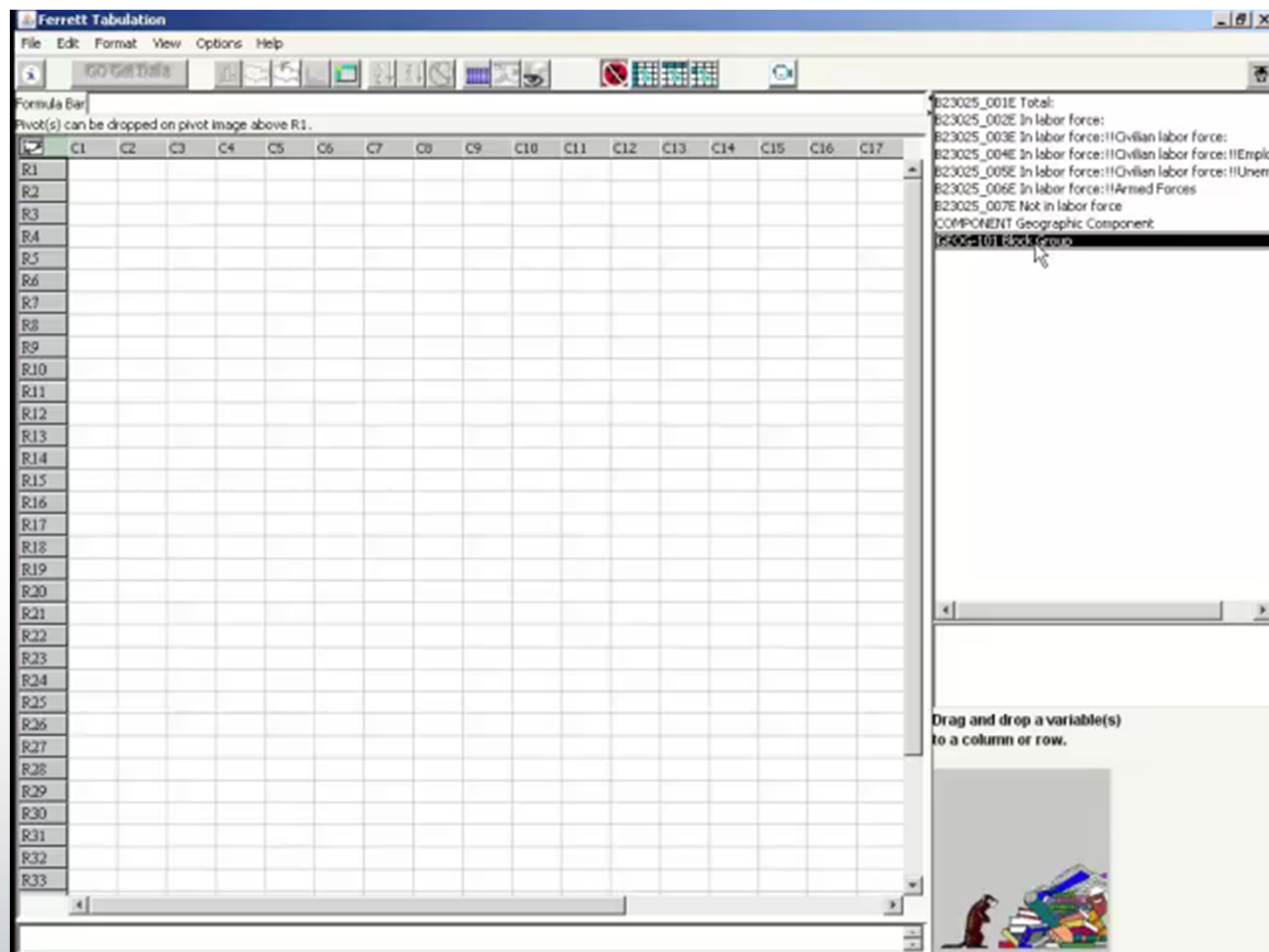
Review your variables then go back to select more variables or go on to get data



Current Query Variables from ACS Summarized Data (5-Year Summary File):

Name	Variable Label	Availability
B23025_001E	Total:	2007-2011 - current
B23025_002E	In labor force:	2007-2011 - current
B23025_003E	In labor force:!!Civilian labor force:	2007-2011 - current
B23025_004E	In labor force:!!Civilian labor force:!!Employed	2007-2011 - current
B23025_005E	In labor force:!!Civilian labor force:!!Unemployed	2007-2011 - current
B23025_006E	In labor force:!!Armed Forces	2007-2011 - current
B23025_007E	Not in labor force	2007-2011 - current
COMPONENT	Geographic Component	2005-2009 - current
GEOG-101	Block Group	2007-2011 - current

# Make Table



# Results

Ferrett Tabulation

File Edit Format View Options Help

GO Get Data

Col C9

Pivot(s) can be dropped on pivot image above R1.

	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14
R81	Block Group 3, Census Tract 66, Jackson County, Michigan	1,499	975	975										
R82	Block Group 1, Census Tract 1, Alcona County, Michigan	595	174	174										
R83	Block Group 2, Census Tract 1, Alcona County, Michigan	1,040	365	365										
R84	Block Group 1, Census Tract 9706, Alcona County, Michigan	859	313	313										
R85	Block Group 2, Census Tract 9706, Alcona County, Michigan	571	299	299										
R86	Block Group 1, Census Tract 2, Alger County, Michigan	1,393	597	597										
R87	Block Group 2, Census Tract 2, Alger County, Michigan	1,054	618	618										
R88	Block Group 1, Census Tract 302, Allegan County, Michigan	1,850	1,198	1,198										
R89	Block Group 2, Census Tract 302, Allegan County, Michigan	934	551	551										
R90	Block Group 1, Census Tract 307.03, Allegan County, Michigan	1,156	673	673										
R91	Block Group 2, Census Tract 307.03, Allegan County, Michigan	702	360	360										
R92	Block Group 1, Census Tract 313, Allegan County, Michigan	1,059	726	726										
R93	Block Group 2, Census Tract 313, Allegan County, Michigan	1,661	1,103	1,103										
R94	Block Group 3, Census Tract 313, Allegan County, Michigan	1,011	701	701										
R95	Block Group 1, Census Tract 322, Allegan County, Michigan	2,211	1,414	1,414										
R96	Block Group 2, Census Tract 322, Allegan County, Michigan	837	400	400										
R97	Block Group 3, Census Tract 322, Allegan County, Michigan	907	509	509										
R98	Block Group 1, Census Tract 5, Alpena County, Michigan	540	352	352										
R99	Block Group 2, Census Tract 5, Alpena County, Michigan	500	336	321										
R100	Block Group 3, Census Tract 5, Alpena County, Michigan	472	297	297										
R101	Block Group 0, Census Tract 9900, Alpena County, Michigan	0	0	0										
R102	Block Group 1, Census Tract 9606, Antrim County, Michigan	596	290	290										
R103	Block Group 2, Census Tract 9606, Antrim County, Michigan	438	256	256										
R104	Block Group 3, Census Tract 9606, Antrim County, Michigan	690	368	368										
R105	Block Group 4, Census Tract 9606, Antrim County, Michigan	950	492	492										
R106	Block Group 0, Census Tract 9900, Arenac County, Michigan	0	0	0										
R107	Block Group 1, Census Tract 1, Baraga County, Michigan	470	183	183										
R108	Block Group 2, Census Tract 1, Baraga County, Michigan	1,024	515	515										
R109	Block Group 3, Census Tract 1, Baraga County, Michigan	1,023	579	579										
R110	Block Group 4, Census Tract 1, Baraga County, Michigan	762	423	423										
R111	Block Group 0, Census Tract 9901, Baraga County, Michigan	0	0	0										










B23025\_001E Total:  
B23025\_002E In labor force:  
B23025\_003E In labor force:!!Civilian labor fo  
B23025\_004E In labor force:!!Civilian labor fo  
B23025\_005E In labor force:!!Civilian labor fo  
B23025\_006E In labor force:!!Armed Forces  
B23025\_007E Not in labor force  
COMPONENT Geographic Component  
GEOG-102 Block Group




Universe: (COMPONENT in ( )  
Weight used:  
DataSet(s) selected: 2010

# Outline

- American Community Survey (ACS) basics
- Tracts and block groups
- AFF Download Center
- Overview of ACS Summary File (ACS SF)
- Ways to access the ACS SF
  - Summary File Retrieval Tool
  - DataFerrett
  - **FTP site**
  - Other
- Wrap up

















# Summary File Organization

Name	Last modified	Size	Description
 Parent Directory		-	
 1_year_by_state/	31-Aug-2015 13:56	-	
 1_year_entire_sf/	31-Aug-2015 13:56	-	
 1_year_seq_by_state/	31-Aug-2015 15:16	-	
 5_year_by_state/	19-Nov-2015 09:19	-	
 5_year_entire_sf/	19-Nov-2015 09:58	-	
 5_year_seq_by_state/	20-Nov-2015 11:14	-	
 2014_1yr_Summary_FileTemplates.zip	14-Jan-2016 08:54	1.8M	
 2014_5yr_Summary_FileTemplates.zip	03-Dec-2015 13:44	1.3M	

Name	Last modified	Size	Description
 Parent Directory		-	
 All_Geographies_Not_Tracts_Block_Groups/	20-Nov-2015 09:31	-	
 Tracts_Block_Groups_Only/	20-Nov-2015 09:27	-	

[www2.census.gov/programs-surveys/acs/summary\\_file/2014/data](http://www2.census.gov/programs-surveys/acs/summary_file/2014/data)

# File Naming

	20145mi0075000.zip	20-Nov-2015 09:24	1.1M
	20145mi0076000.zip	20-Nov-2015 09:24	1.1M
	20145mi0077000.zip	20-Nov-2015 09:25	3.6M
	20145mi0078000.zip	20-Nov-2015 09:24	2.3M
	20145mi0079000.zip	20-Nov-2015 09:27	2.8M
	20145mi0080000.zip	20-Nov-2015 09:25	2.1M
	20145mi0081000.zip	20-Nov-2015 09:25	2.3M
	20145mi0082000.zip	20-Nov-2015 09:25	1.4M
	20145mi0083000.zip	20-Nov-2015 09:24	1.9M
	20145mi0084000.zip	20-Nov-2015 09:25	69K
	20145mi0085000.zip	20-Nov-2015 09:24	69K
	20145mi0086000.zip	20-Nov-2015 09:24	59K
	20145mi0087000.zip	20-Nov-2015 09:25	69K
	20145mi0088000.zip	20-Nov-2015 09:24	69K
	20145mi0089000.zip	20-Nov-2015 09:24	59K
	20145mi0090000.zip	20-Nov-2015 09:25	69K

2014 5 mi 0078 000.zip

- 2014=reference year
- 5=period covered
- mi=state level
- 0078=sequence number
- 000=iteration ID

# Estimate, MOE, Geography Files

[illegible]

Estimate file  
e20145mi0078000.txt

m20145m0078000.txt - Notepad

File Edit Format View Help

```

0,7,10,10,10,15,9,10,10,10,10,7,9,9,10,10,10,10,48,56,24,10,10,10,
103,114,95,85,70,44,72,55,50,64,52,43,92,55,16,16,10,52,61,28,24,14,60ACSF,
74,27,74,41,40,40,6,10,52,30,32,19,17,10,10,10,10,8,4,10,10,5,5
10,10,10,10,10,10,62,10,62,36,56,10,10,10,10,10,10,10,10,10,10,10,
10,10,10,10,10,28,118,25,18,10,18,19,31,31,19,26,12,52,48,33,36,18,4
1,48,26,10,7,5,10,10,5,10,10,10,10,10,10,10,7,10,5,10,10,5,24,3
92,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,
10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,
18,17,7,13,64,74,10,74,70,27,25,136,99,99,75,55,10,88,74,10,10,10,
4,138,60,45,38,24,36,57,45,10,62,37,25,10,24,26,10,10,10,61ACSSF,
211,146,146,140,20,10,107,66,50,24,20,10,10,20,10,10,18,12,10,10,13,
12,74,66,30,15,33,24,24,10,25,36,10,8,6,34ACSSF,2014m5,000,0078,0
288,28,57,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,10,
79,76,71,6,21,131,115,144,92,46,160,144,105,89,76,107,93,87,32,45,56,47
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```

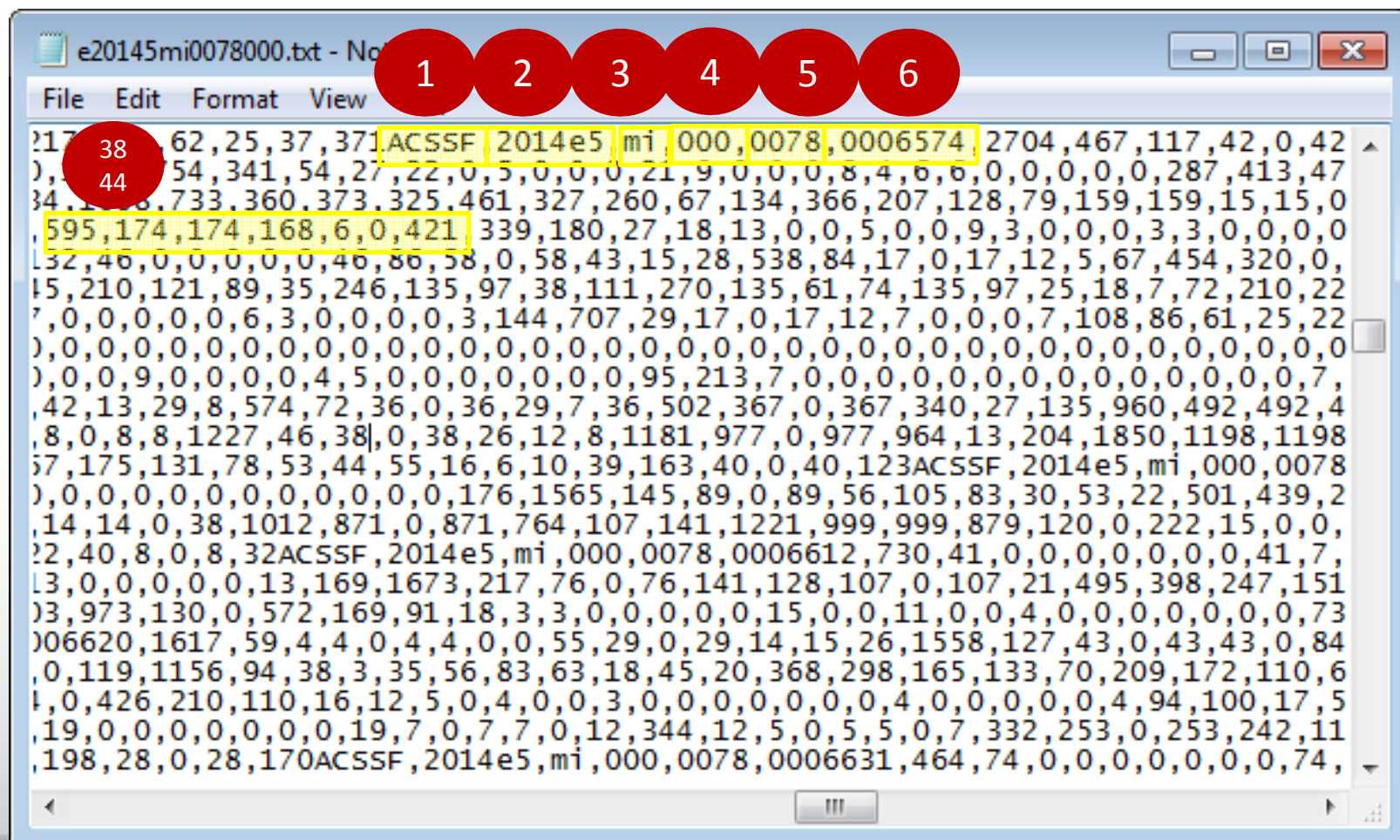
# Margin of error file

m20145mi0078000.txt

14000U526165380800	Census Tract 3808, Wexford County, Michigan
15000U5260010001001	Block Group 1, Census Tract 1, Alcona County, Michigan
15000U5260010001002	Block Group 2, Census Tract 1, Alcona County, Michigan
15000U5260019701001	Block Group 1, Census Tract 9701, Alcona County, Michigan
15000U5260019701002	Block Group 2, Census Tract 9701, Alcona County, Michigan
15000U5260019704001	Block Group 1, Census Tract 9704, Alcona County, Michigan
15000U5260019704002	Block Group 2, Census Tract 9704, Alcona County, Michigan
15000U5260019705001	Block Group 1, Census Tract 9705, Alcona County, Michigan
15000U5260019705002	Block Group 2, Census Tract 9705, Alcona County, Michigan
15000U5260019705003	Block Group 3, Census Tract 9705, Alcona County, Michigan
15000U5260019706001	Block Group 1, Census Tract 9706, Alcona County, Michigan
15000U5260019706002	Block Group 2, Census Tract 9706, Alcona County, Michigan
15000U5260019900000	Block Group 0, Census Tract 9900, Alcona County, Michigan

Geography file  
g20145mi.csv or g20145mi.txt

# Starting and Ending Position



# Templates

	A	B	C	D	E	F	AL	AM	AN	AO	AP	AQ	AR
1	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO	B23025_001	B23025_002	B23025_003	B23025_004	B23025_005	B23025_006	B23025_007
							EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER for Population 16 years and over	EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER% In labor force:	EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER% In labor force:	EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER% In labor force:	EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER% In labor force:	EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER% In labor force:	EMPLOYMENT STATUS FOR THE POPULATION 16 YEARS AND OVER% In labor force:
2	FILEID	FILETYPE	STUSAB	CHARITER	SEQUENCE	LOGRECNO							
2816	ACSSF	2.01E+08	mi	0	78	6581	595	174	174	168	6	0	421
2817	ACSSF	2.01E+08	mi	0	78	6582	1040	365	365	315	50	0	675
2818	ACSSF	2.01E+08	mi	0	78	6583	959	375	375	341	34	0	584
2819	ACSSF	2.01E+08	mi	0	78	6584	1136	442	442	412	30	0	694
2820	ACSSF	2.01E+08	mi	0	78	6585	1191	523	523	453	70	0	668
2821	ACSSF	2.01E+08	mi	0	78	6586	1228	627	627	535	92	0	601
2822	ACSSF	2.01E+08	mi	0	78	6587	610	250	250	205	45	0	360
2823	ACSSF	2.01E+08	mi	0	78	6588	528	213	213	170	43	0	315

[www2.census.gov/programs-surveys/acs/summary\\_file/2014/data/2014\\_5yr\\_Summary\\_FileTemplates.zip](http://www2.census.gov/programs-surveys/acs/summary_file/2014/data/2014_5yr_Summary_FileTemplates.zip)

# Outline

- American Community Survey (ACS) basics
- Tracts and block groups
- AFF Download Center
- Overview of ACS Summary File (ACS SF)
- Ways to access the ACS SF
  - Summary File Retrieval Tool
  - DataFerrett
  - FTP site
  - **Other**
- Wrap up

# TIGER/Line Shapefiles Pre-joined with Demographic Data

## TIGER/Line<sup>®</sup> with Selected Demographic and Economic Data

A limited set of TIGER/Line Shapefiles are available pre-joined with data in geodatabase and shapefile format.

We continue to work with our data providers to ensure there are easy links between the geographic products and the data products.



### American Community Survey 5-Year Estimates — Geodatabase Format

→ 2009 - 2013 Detailed Tables

→ 2008 - 2012 Detailed Tables

→ 2007 - 2011 Block Group Data

→ 2007 - 2011 Data Profiles

→ 2006 - 2010 Block Group Data

→ 2006 - 2010 Data Profiles

[census.gov/geo/maps-data/data/tiger-data.html](https://census.gov/geo/maps-data/data/tiger-data.html)

# Census API

## Developers

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[Geography](#)

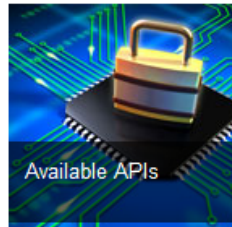
[News](#)

[Terms of Service](#)

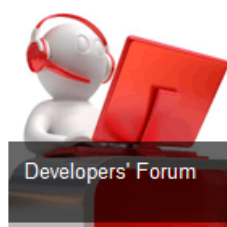
[Updates](#)

The Census Bureau has begun rolling out our datasets via APIs. Check out our [Discovery Tool](#). Sign up for our [newsletter](#) to get the latest updates and newest dataset addition. We also invite you to make requests for features / data via our [forum](#).

[Read More](#)



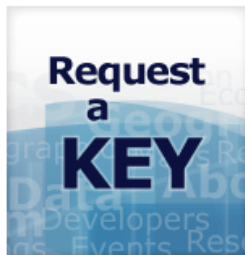
Available APIs



Developers' Forum



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### Latest

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### New ACS 5-Year Estimates: See How Young Adults Today Compare

December 04, 2014

Young adults today are more likely to be foreign born and speak a language other than English at home, compared with young adults in 1980.

[census.gov/developers](http://census.gov/developers)

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# Recap

- Tracts and block groups are only available as 5-year estimates (not 1-year or 3-year)
- 2009-2013 ACS 5-year to future block group level estimates are available in American FactFinder
- All years of block group level estimates are available in the ACS Summary File
- You can access the ACS SF using the SF Retrieval Tool, DataFerrett, or FTP site

# Availability of Block Groups

Dataset	American FactFinder	SF Retrieval Tool	DataFerrett	FTP Site
2005-2009 ACS		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2006-2010 ACS		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2007-2011 ACS		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2008-2012 ACS		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2009-2013 ACS	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2010-2014 ACS	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

# Continue the Conversation #ACSData



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<https://public.govdelivery.com/accounts/USCENSUS/subscriber/new>



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twitter.com/uscensusbureau



More information on the American  
Community Survey:  
<http://www.census.gov/acs>



youtube.com/user/uscensusbureau



(800) 923-8282 or  
(301) 763-1405



instagram.com/uscensusbureau



pinterest.com/uscensusbureau



- Purpose:
  - Improve understanding of the value and utility of ACS data.
  - Promote information sharing among data users about key ACS data issues and applications
- Membership is free and open to all interested ACS data users
- Webinars and special sessions at professional meetings planned
- Users group website and online community

<http://www.acsdatausers.org/>

# Need Local Stats?

- Assistance Near You!

Our regional data staff can help you access local statistics from the ACS or offer training to help build your skills. Contact us at the following address:  
[clmso.ddb.questions@census.gov](mailto:clmso.ddb.questions@census.gov)



# Questions?