

Digging Deeper: A Quick Tour Through Census FTP Downloads

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Building the Connection



“I have always imagined that Paradise will be a kind of library.”

– Jorge Luis Borges



“In your thirst for knowledge, be sure not to drown in all the information.”

– Anthony J. D'Angelo



“There are three kinds of lies...”

– Benjamin Disraeli

Today's Agenda

A Brief Overview of Census Data Sources

File Transfer Protocol – the FTP Site

Finding Your Way

Example - American Community Survey

Example - 2010 Redistricting Data

Questions (time permitting)

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A Brief Overview of Census Data Sources



Census Headquarters



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Some Leading Census Data Sources

- Hard copy, CD/DVD
 - Census Bureau has made a conscious decision to slowly move away from these environments
- Census Bureau on the web
 - Main website www.census.gov
 - American FactFinder www.factfinder2.census.gov
 - Data Ferrett www.dataferrett.census.gov
 - FTP www2.census.gov

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Assumptions About FTP

- Users have pre-existing expert knowledge of Census products
 - If not, you can be here but work with caution
- Users are comfortable working with large sets of data
 - Many sets have several thousand rows of data
- Users have the necessary tools
 - SAS or similar statistical software
 - Microsoft Office Suite 2007 or equivalent

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FTP Limitations

- Text based instructions may be limited and technical
- There are very few tutorials
- Not everything is clearly labeled
 - lots of holdover files from era when names were limited to 8 characters
- Hard to walk you through the process in an 'over the phone' setting

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So Why Use FTP?

- Need an electronic file showing population by Census Block in
 - Tarrant County, TX
 - Orange County, CA
 - Oklahoma County, OK
 - “Your selection is too large to view this product, please remove some items from ‘My Selections’ and try again.”
- Need electronic file with population characteristics from 1980 or 1990 Census
 - Can get *.pdf via archives, but exportable results not available via AFF2

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Want Another Reason?

Not every ACS table is available on American FactFinder, but they are available in FTP

- 7 examples out of 295 such tables
 - Means of Transportation to Work by Age
 - Sex by Age by Citizenship Status (Hispanic or Latino)
 - Place of Birth By Marital Status in the United States
 - Grandchildren Under 18 Years Living With A Grandparent Householder By Age Of Child
 - Median Age at First Marriage by Race
 - 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
 - Mortgage Status by Age of Householder
 - Full list available at http://www.census.gov/acs/www/data_documentation/2009_5yr_data

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How to Find The List

The screenshot shows the U.S. Census Bureau American Community Survey website. The page is titled '5-Year Release Details' and contains information about the 2005-2009 ACS 5-year estimates. A red circle highlights a link that says 'Download the list of detailed tables not available on American FactFinder or browse the list here.' in the 'Data' section. The page also lists various data products and release schedules.

- Using link on previous slide, you get this page
- Click 'list of detailed tables' to see what's not on ACS

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The FTP Site

The screenshot shows a web browser window displaying the U.S. Census Bureau FTP site. The browser's address bar shows the URL <http://www.census.gov>. The page title is "U.S. Census Bureau". Below the title is a table listing various folders with columns for Name, Last modified, Size, and Description.

Name	Last modified	Size	Description
AHS/	07-Jul-2006 09:56	-	
Econ2001_And_Earlier/	11-May-2009 13:57	-	
acs/	30-Dec-2010 10:05	-	
acs2002/	23-Sep-2008 08:25	-	
acs2003/	06-Oct-2004 07:07	-	
acs2004/	02-Feb-2006 10:40	-	
acs2005/	08-Feb-2011 09:06	-	
acs2005_2007_3yr/	09-Dec-2008 08:56	-	
acs2005_2009_5yr/	12-Dec-2010 19:28	-	
acs2006/	02-Sep-2010 11:55	-	
acs2006_2008_3yr/	27-Oct-2009 13:38	-	
acs2007_1yr/	26-Sep-2008 09:32	-	
acs2007_3yr/	09-Dec-2008 08:56	-	
acs2007_2009_3yr/	06-Jan-2011 14:51	-	
acs2009_1yr/	03-Nov-2009 16:42	-	

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

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What's Out There?

http://www2.census.gov/		Main Folder Options	
AHS – Requires SAS	acs2008_1yr	econ2003	outgoing
Econ2001_And Earlier	acs2008_3yr	econ2004	plmap
acs	acs2009_1yr	econ2005	pop
acs2002	acs2009_3yr	econ2006	prod2
acs2003	acs2009_5yr	econ2007	pub
acs2004	acs_special_tabs	econ2008	retail
acs2005	census_1980	econ2009	services
acs2005_2007_3yr	census_1990	econ2010	tms_data
acs2005-2009_5yr	census_2000	geo	video
acs2006	census_2010	govs	w3c
acs2006_2008_3yr	ces	hhes	wholesale
acsS2007_1yr	dadso	lehd	USEFUL
acs2007_3yr	econ	lost+found	NOT SO MUCH
acs2007_2009_3yr	econ2002	manufacturing	

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Now, Learn Your Way Around That
In 45 Minutes or Less



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Finding Your Way

An Example Using American
Community Survey



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Start With The Documentation

- Look for key words in file names
- Here are some hints (not exhaustive list):
 - Methodology
 - README
 - Note
 - Datadict (data dictionary)
 - Help_guide
 - TableShells
 - TechDoc

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Pick a Data Set From FTP Site



U.S. Census Bureau

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Descrip</u>
AHS/	07-Jul-2006 09:56	-	
Econ2001 And Earlier/	11-May-2009 13:57	-	
acs/	30-Dec-2010 10:05	-	
acs2002/	23-Sep-2008 08:25	-	
acs2003/	06-Oct-2004 07:07	-	
acs2004/	02-Feb-2006 10:40	-	
acs2005/	08-Feb-2011 09:06	-	
acs2005_2007_3yr/	09-Dec-2008 08:56	-	
acs2005_2009_5yr/	12-Dec-2010 19:28	-	
acs2006/	02-Sep-2010 11:55	-	
acs2006_2006_3yr/	27-Oct-2009 13:38	-	
acs2007_1yr/	26-Sep-2008 09:32	-	

- Let's look at the American Community Survey 2005-2009 5 year dataset

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Let the Digging Commence

Name	Last modified	Size	Description
Parent Directory		-	
prod/	15-Dec-2010 17:09	-	
sums/	08-Feb-2011 08:37	-	
summaryfile/	22-Dec-2010 17:12	-	

- Click on prod/

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Our First Nuggets

Name	Last modified	Size	Description
Parent Directory		-	
052009ACS_FTH_README.pdf	17-Dec-2010 12:10	198K	
2009_Syr_Headnotes_Footnotes_FTP.xls	08-Dec-2010 08:23	72K	
GeographicComparisonTables/	10-Dec-2010 17:15	-	
Geography_Summary_Levels_and_Components.pdf	10-Dec-2010 17:12	27K	
JAN_VALUES.pdf	10-Dec-2010 17:12	32K	
TablesProfilesSubjectTables/	13-Dec-2010 09:52	-	

- You see several options for guidance
- We start here with the README document

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What The File Says

Last update 12/17/2010 12:00 AM

README File for 2005-2009 American Community Survey (ACS)

5-Year Data Products Delivered via FTP

FTP Site URL: http://www2.census.gov/acs2009_5yr/prod

Note to Users of the 2005-2009 ACS 5-YEAR FTP Site

- Some of these files on this site contain more than 65,000 rows and may not be loaded completely into some spreadsheets. Therefore, we recommend user open with a text editor such as WordPad.
- FTP Site contains all 2005-2009 ACS 5-year data products including all detailed tables that are not available on American FactFinder (AFF). For the list of detailed tables not on AFF, please visit the ACS website, URL: http://www.census.gov/acs/www/data_documentation/2009_5yr_data/.
- Subject tables in the following summary levels
State-State Legislative District (Lower Chamber)
State-State Legislative District (Lower Chamber)-County

- You find notes that help you understand what's included

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Another Nugget

Index of /acs2005_2009_5yr/prod

U.S. Census Bureau

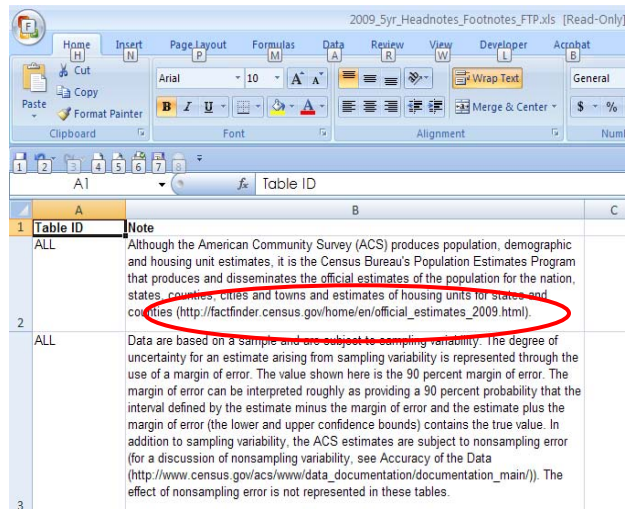
Name	Last modified	Size	De
Parent Directory		-	
052009ACS_FTP_README.pdf	17-Dec-2010 12:10	198K	
2009_5yr_Headnotes_Footnotes_FTP.xls	08-Dec-2010 08:23	72K	
GeographicComparisonTables/	10-Dec-2010 17:15	-	
Geography_Summary_Levels_and_Components.pdf	10-Dec-2010 17:12	27K	
JAW_VALUES.pdf	10-Dec-2010 17:12	32K	
TablesProfilesSubjectTables/	13-Dec-2010 09:52	-	

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- Now we open the file marked with "notes" in the title

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Tips For More Information



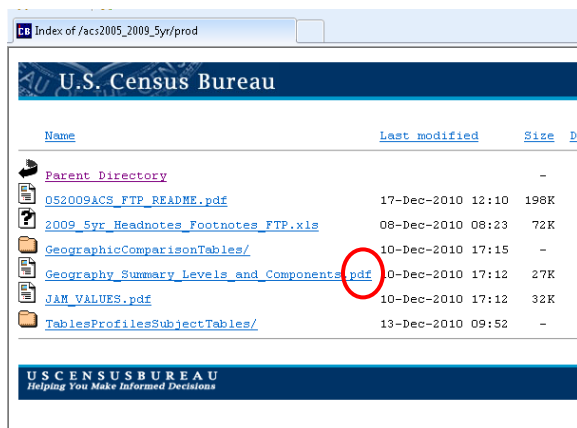
2009_Syr_Headnotes_Footnotes_FTP.xls [Read-Only]

Table ID	Note
1	ALL Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties (http://factfinder.census.gov/home/en/official_estimates_2009.html).
2	ALL Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data (http://www.census.gov/acs/www/data_documentation/documentation_main/)). The effect of nonsampling error is not represented in these tables.

- Here you find web addresses for further explanation

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And Another Nugget



Index of /acs2005_2009_Syr/prod

U.S. Census Bureau

Name	Last modified	Size	De
Parent Directory		-	
052009ACS_FTP_README.pdf	17-Dec-2010 12:10	198K	
2009_Syr_Headnotes_Footnotes_FTP.xls	08-Dec-2010 08:23	72K	
GeographicComparisonTables/	10-Dec-2010 17:15	-	
Geography_Summary_Levels_and_Components.pdf	10-Dec-2010 17:12	27K	
JAM_VALUES.pdf	10-Dec-2010 17:12	32K	
TablesProfilesSubjectTables/	13-Dec-2010 09:52	-	

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- Sometimes you need to key off of the *.pdf extension

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A Key for Translating Data Tables

ACS 5-Year Summary Levels/Components for Detailed Tables

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

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And Still More Nuggets To Review

Index of /acs2005_2009_5yr/prod

U.S. Census Bureau

Name	Last modified	Size	De
Parent Directory		-	
052009ACS_FTP_README.pdf	17-Dec-2010 12:10	198K	
2009_Syr_Headnotes_Footnotes_FTP.xls	08-Dec-2010 08:23	72K	
GeographicComparisonTables/	10-Dec-2010 17:15	-	
Geography_Summary Levels and Components.pdf	10-Dec-2010 17:12	27K	
JAN_VALUES.pdf	10-Dec-2010 17:12	32K	
TablesProfilesSubjectTables/	13-Dec-2010 09:52	-	

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- Again, look for clues

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A Key to Translate Values

ACS 5-Year Jam Values		
Some data values represent unique situations where either: a) 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 b) the information to be conveyed is an open-ended distribution, such as 115 or greater, represented by 116 or 115+.		
Jam Value	Display Value	Description
999999999	N	Indicates that an estimate or its margin of error cannot be provided because the number of sample cases is too small for the given geographic area.
888888888	(X)	Indicates that the estimate is not applicable or not available.
777777777	(Z)	Estimate is not available for an undefined reason.
666666666	-	Indicates that no sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.

- Here you find value notes to explain certain table values

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Finally, Time To Dig Deeper

Name	Last modified	Size	De
Parent Directory		-	
052009ACS_FTP_README.pdf	17-Dec-2010 12:10	198K	
2009_Syr_Headnotes_Footnotes_FTP.xls	08-Dec-2010 08:23	72K	
GeographicComparisonTables/	10-Dec-2010 17:15	-	
Geography_Summary_Levels_and_Components.pdf	10-Dec-2010 17:12	27K	
JAM_VALUES.pdf	10-Dec-2010 17:12	32K	
TablesProfilesSubjectTables/	13-Dec-2010 09:52	-	

- Now let's drill deeper

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Look! More To Review

The screenshot shows a web browser window with the address bar displaying 'Census Bureau Home Page'. Below the browser, the U.S. Census Bureau logo is visible. A table lists various directory items:

Name	Last modified	Size	Descrip
Parent Directory		-	
Division/	10-Dec-2010 03:21	-	
Region/	09-Dec-2010 19:10	-	
SUBJECT_TABLES_SYRS.pdf	12-Dec-2010 19:34	24K	
States/	08-Dec-2010 11:09	-	
United_States/	10-Dec-2010 03:21	-	

At the bottom of the page, the text 'U S C E N S U S B U R E A U' and 'Helping You Make Informed Decisions' is displayed.

- And we have another *.pdf to examine

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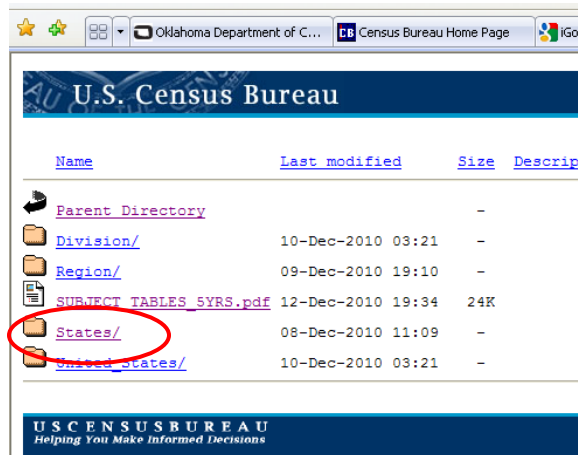
Another Key For Translating Tables

ACS 5-Year Subject Tables		
Table ID	Table Title	Restricted Geographies
S0101	Age And Sex	
S0102	Population 60 Years And Over In The United States	US Geographies
S0102PR	Population 60 Years And Over In Puerto Rico	PR Geographies
S0103	Population 65 Years And Over In The United States	US Geographies
S0103PR	Population 65 Years And Over In Puerto Rico	PR Geographies
S0501	Selected Characteristics Of The Native And Foreign-Born Populations	
S0502	Selected Characteristics Of The Foreign-Born Population By Period Of Entry Into The United States	US Geographies
S0502PR	Selected Characteristics Of The Foreign-Born Population By Period Of Entry Into Puerto Rico	PR Geographies
S0503	Selected Characteristics Of The Foreign-Born Population By Region Of Birth: Europe	
S0504	Selected Characteristics Of The Foreign-Born Population By Region Of Birth: Africa, Northern America, And Oceania	
S0505	Selected Characteristics Of The Foreign-Born Population By Region Of Birth: Asia	
S0506	Selected Characteristics Of The Foreign-Born Population By Region Of Birth: Latin America	
S0601	Selected Characteristics Of The Total And Native Populations In The United States	US Geographies
S0601PR	Selected Characteristics Of The Total And Native Populations In Puerto Rico	PR Geographies
S0701	Geographic Mobility By Selected Characteristics In The United States	US Geographies
S0701PR	Geographic Mobility By Selected Characteristics In Puerto Rico	PR Geographies

- Translating table ID numbers into specific table names

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Digging Again



U.S. Census Bureau

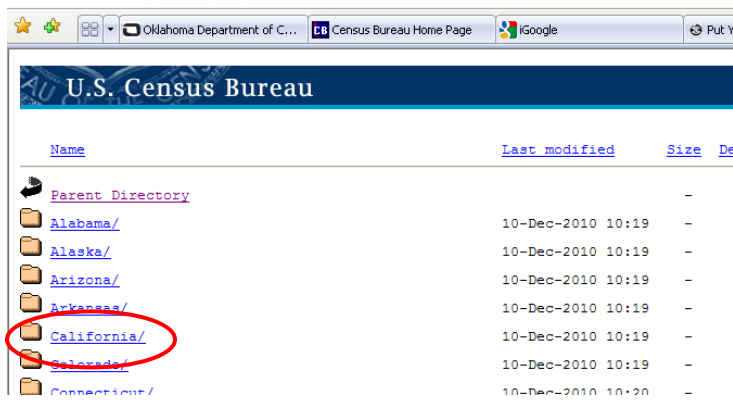
Name	Last modified	Size	Descrip
Parent Directory		-	
Division/	10-Dec-2010 03:21	-	
Region/	09-Dec-2010 19:10	-	
SUBJECT TABLES_SYRS.pdf	12-Dec-2010 19:34	24K	
States/	08-Dec-2010 11:09	-	
United States/	10-Dec-2010 03:21	-	

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- Now we dig still deeper

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Find Your State



U.S. Census Bureau

Name	Last modified	Size	De
Parent Directory		-	
Alabama/	10-Dec-2010 10:19	-	
Alaska/	10-Dec-2010 10:19	-	
Arizona/	10-Dec-2010 10:19	-	
Arkansas/	10-Dec-2010 10:19	-	
California/	10-Dec-2010 10:19	-	
Colorado/	10-Dec-2010 10:19	-	
CONNECTICUT/	10-Dec-2010 10:20	-	

- And we dig deeper yet again

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At Last – DATA!

Name	Last modified	Size
Parent Directory		-
American_Indian_Area_Alaska_Native_Area_Hawaiian_Home_Land-State-County/	09-Dec-2010 23:07	-
American_Indian_Area_Alaska_Native_Area_Hawaiian_Home_Land-State-Place_Remainder/	09-Dec-2010 22:28	-
American_Indian_Area_Alaska_Native_Area_Hawaiian_Home_Land-State/	09-Dec-2010 21:26	-
American_Indian_Area_Alaska_Native_Area_Hawaiian_Home_Land/	09-Dec-2010 20:45	-
American_Indian_Area_Alaska_Native_Area_Reservation_or_Statistical_Entity_Only/	09-Dec-2010 20:56	-
American_Indian_Area_Off-Reservation_Trust_Land_Only_Hawaiian_Home_Land/	09-Dec-2010 20:58	-
Combined_Statistical_Area-Metropolitan_Statistical_Area_Micropolitan_Statistical_Area-State/	10-Dec-2010 02:59	-
Combined_Statistical_Area-Metropolitan_Statistical_Area_Micropolitan_Statistical_Area/	10-Dec-2010 02:57	-
Combined_Statistical_Area-State/	10-Dec-2010 02:54	-
Combined_Statistical_Area/	10-Dec-2010 02:52	-
Components/	08-Dec-2010 12:53	-
Congressional_districts/	09-Dec-2010 04:06	-
County/	08-Dec-2010 12:54	-
Detailed_Tables_California.csv	10-Dec-2010 03:22	1.2M
Metropolitan_Statistical_Area_Micropolitan_Division-State-County/	10-Dec-2010 02:06	-

- And as we see lower geography options, we can get statewide data or dig still deeper

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Sixteen Thousand Rows of Data

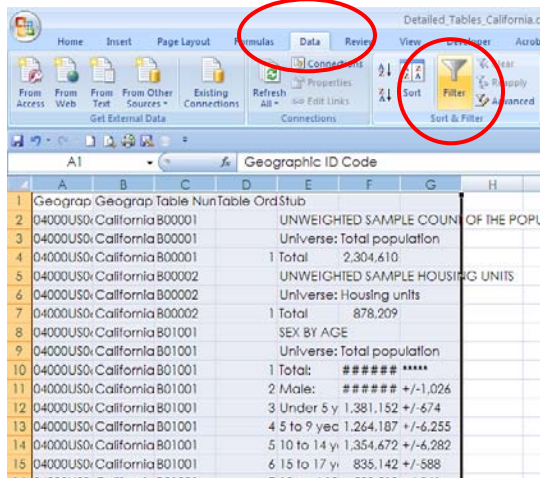
Geographic ID Code	Table Num	Table Ord	Stub
04000US0:California:000001	1	Total	UNWEIGHTED SAMPLE COUNT OF THE POPULATION
04000US0:California:000002	2	Total	UNWEIGHTED SAMPLE HOUSING UNITS
04000US0:California:001001	1	Total	SEX BY AGE

- Notice splits based on table numbers

- You can convert table numbers to table names by going to list at http://www.census.gov/acs/www/Downloads/data_documentation/2009_release/Tables2005_2009_5Year.xls

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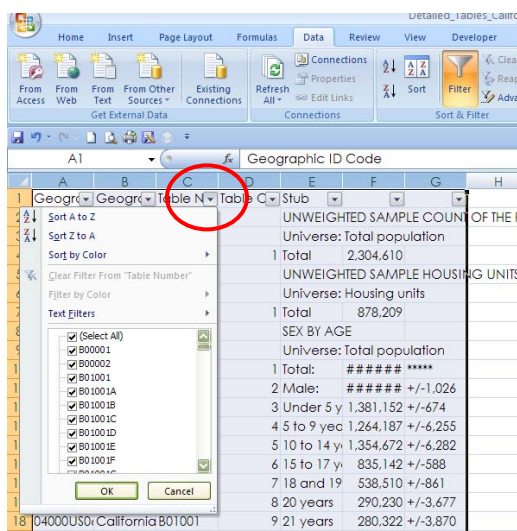
Filter to the Table You Want



- Highlight filled columns on the page
- Click 'Data' at the top of the page
- Click 'Filter'

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Filter Part Two



- Click on the down arrow at the top of the 'Table Num' column
- Use the filter options

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How To See Just The Table You Want

The screenshot shows an Excel spreadsheet with a table of data. The table has columns for Geographic ID, Geographic Name, Table Number, and Total. A red circle highlights the filter icon in the 'Table Number' column header. The table data is as follows:

Geographic ID	Geographic Name	Table Number	Total
13033	04000US06	California	B25027
13034	04000US06	California	B25027
13035	04000US06	California	B25027
13036	04000US06	California	B25027
13037	04000US06	California	B25027
13038	04000US06	California	B25027
13039	04000US06	California	B25027
13040	04000US06	California	B25027
13041	04000US06	California	B25027
13042	04000US06	California	B25027
13043	04000US06	California	B25027
13044	04000US06	California	B25027
13045	04000US06	California	B25027
13046	04000US06	California	B25027
13047	04000US06	California	B25027
13048	04000US06	California	B25027
13049	04000US06	California	B25027
13050	04000US06	California	B25027
13051	04000US06	California	B25027
16701			

- This is one of the tables not in ACS
- Note the 'Filter' symbol at top of column

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Finding Your Way

An Example Using 2010 Census Redistricting Data



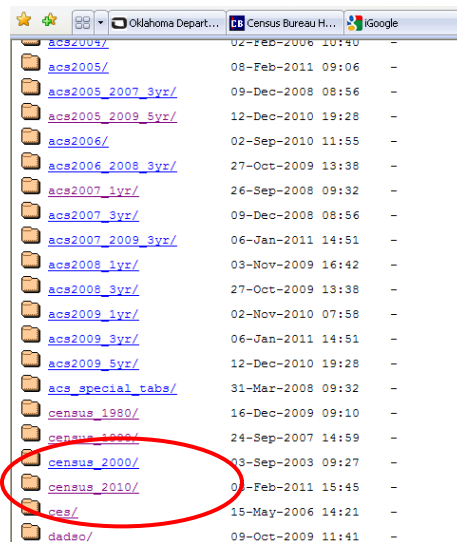
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Notes About Redistricting FTP

- Census assumes you either have SAS or Access in order to view this data
- Its up to you to figure out how to view this data if you don't have those specific tools
- **Plan ahead!**
 - It took the better part of a morning to download necessary files, import into Access, and begin working with the data
 - That was using a high speed internet connection

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Pick a Data Set From FTP Site



File Name	Size	Modified	Permissions
acs2005/		08-Feb-2011 09:06	-
acs2005_2007_3yr/		09-Dec-2008 08:56	-
acs2005_2009_3yr/		12-Dec-2010 19:28	-
acs2006/		02-Sep-2010 11:55	-
acs2006_2008_3yr/		27-Oct-2009 13:38	-
acs2007_1yr/		26-Sep-2008 09:32	-
acs2007_3yr/		09-Dec-2008 08:56	-
acs2007_2009_3yr/		06-Jan-2011 14:51	-
acs2008_1yr/		03-Nov-2009 16:42	-
acs2008_3yr/		27-Oct-2009 13:38	-
acs2009_1yr/		02-Nov-2010 07:58	-
acs2009_3yr/		06-Jan-2011 14:51	-
acs2009_5yr/		12-Dec-2010 19:28	-
acs_special_tabs/		31-Mar-2008 09:32	-
census_1980/		16-Dec-2009 09:10	-
census_1990/		24-Sep-2007 14:59	-
census_2000/		03-Sep-2003 09:27	-
census_2010/		01-Feb-2011 15:45	-
ceg/		15-May-2006 14:21	-
dadsa/		09-Oct-2009 11:41	-

- Let's look at the Census 2010 dataset

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Pick a Data Set From FTP Site

Name	Last modified
Parent Directory	
01-Redistricting File--PL 94-171/	23-Mar-2011 14:00
redistricting_file--pl_94-171/	23-Mar-2011 14:00

- Choose redistricting data set (top option)
- Not sure why they have two folders here

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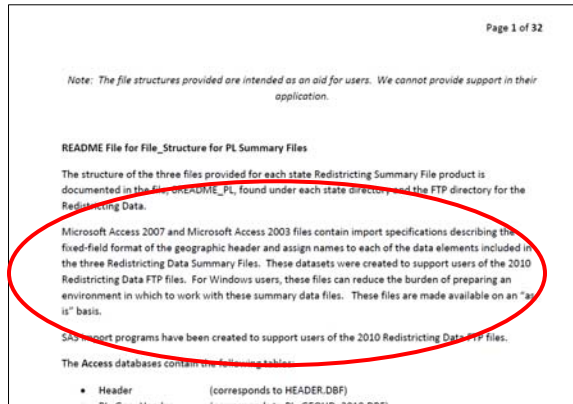
Finding the Support Documents

Name	Last modified	Size	Description
Parent Directory		-	
OFFILE_STRUCTURE.doc	08-Feb-2011 13:25	668K	
OFFILE_STRUCTURE.pdf	08-Feb-2011 13:34	270K	
OGEOID_Construction_for_Matching.pdf	1-Feb-2011 11:43	74K	
README_PL.doc	08-Mar-2011 15:30	97K	
README_PL.pdf	08-Mar-2011 15:30	48K	
Alabama/	24-Feb-2011 15:05	-	
Alaska/	16-Mar-2011 14:03	-	
Arizona/	10-Mar-2011 15:01	-	
Arkansas/	10-Feb-2011 15:09	-	
California/	08-Mar-2011 15:34	-	
Colorado/	23-Feb-2011 15:00	-	
Connecticut/	09-Mar-2011 14:10	-	
Delaware/	02-Mar-2011 14:00	-	

- Notice clues for helping navigate the tables
 - File_Structure
 - README
 - Matching

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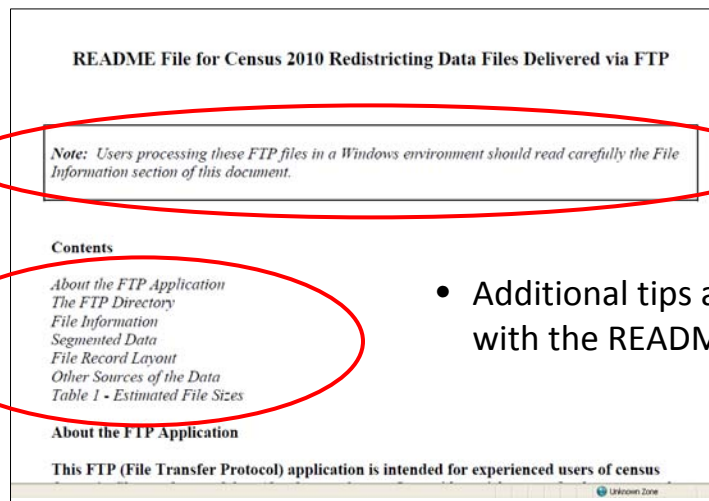
From the FILE_STRUCTURE file



- The next slides are based on process for opening data in Access
- You can read more detail in the FILE_STRUCTURE document

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From the README file



- Additional tips available with the README file

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Finding the Access Tools

Name	Last modified	Size	Description
Parent Directory	-	-	-
OFFILE_STRUCTURE.doc	08-Feb-2011 13:25	668K	
OFFILE_STRUCTURE.pdf	08-Feb-2011 13:34	270K	
GEOID_Construction_for_Matching.pdf	11-Feb-2011 11:43	74K	
OREADME_FL.doc	08-Mar-2011 15:30	97K	
OREADME_FL.pdf	08-Mar-2011 15:30	48K	
Alabama/	24-Feb-2011 15:05	-	
Alaska/	16-Mar-2011 14:03	-	
Arizona/	10-Mar-2011 15:01	-	
Arkansas/	10-Feb-2011 15:09	-	
California/	08-Mar-2011 15:34	-	
Colorado/	23-Feb-2011 15:00	-	
Connecticut/	09-Mar-2011 14:10	-	
Delaware/	02-Mar-2011 14:00	-	

- Scroll down the list of states
- Find the Microsoft Access application files

Setting Up

File Download

15-Mar-2011 14:00 -

Do you want to open or save this file?

Name: PL2010_Access.accdb
 Type: Microsoft Office Access 2007 Database, 584KB
 From: www2.census.gov

Open Save Cancel

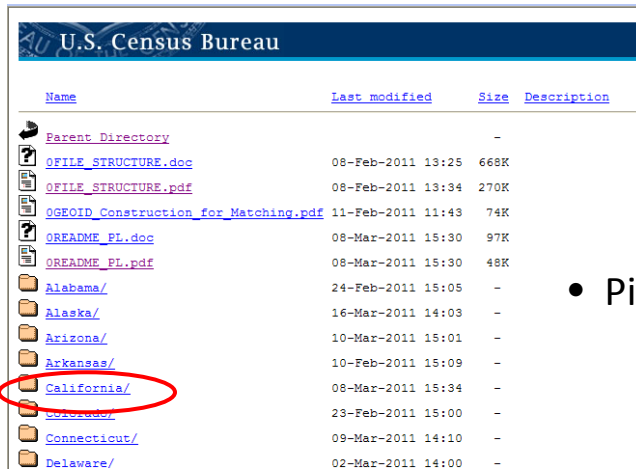
Always ask before opening this type of file

While files from the Internet can be useful, some files can potentially harm your computer. If you do not trust the source, do not open or save this file. [What's the risk?](#)

Montana/			
Nebraska/			
Nevada/			
New_Hampshire/			
New_Jersey/			
New_Mexico/			
North_Carolina/			
North_Dakota/			
Ohio/			
Oklahoma/			
Oregon/			
PL2010_Access.accdb	09-Mar-2011 10:36	584K	
PL2010_Access2003.mdb	09-Mar-2011 10:31	456K	
Pennsylvania/	09-Mar-2011 14:03	-	
Rhode_Island/	23-Mar-2011 14:03	-	

- Click on each Access database file and save to your computer

Searching for Data



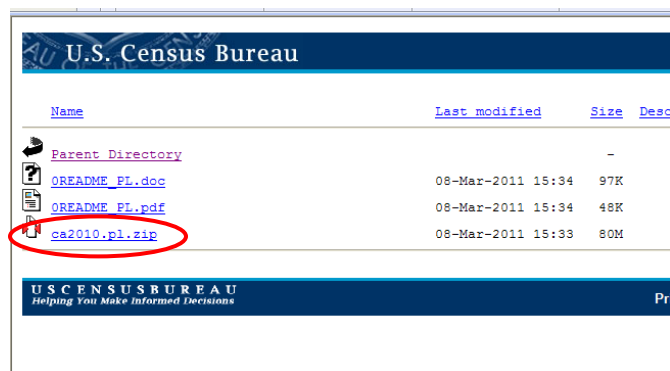
U.S. Census Bureau

Name	Last modified	Size	Description
Parent Directory		-	
OFFILE_STRUCTURE.doc	08-Feb-2011 13:25	668K	
OFFILE_STRUCTURE.pdf	08-Feb-2011 13:34	270K	
GEOID_Construction_for_Matching.pdf	11-Feb-2011 11:43	74K	
README_FL.doc	08-Mar-2011 15:30	97K	
README_FL.pdf	08-Mar-2011 15:30	48K	
Alabama/	24-Feb-2011 15:05	-	
Alaska/	16-Mar-2011 14:03	-	
Arizona/	10-Mar-2011 15:01	-	
Arkansas/	10-Feb-2011 15:09	-	
California/	08-Mar-2011 15:34	-	
Colorado/	23-Feb-2011 15:00	-	
Connecticut/	09-Mar-2011 14:10	-	
Delaware/	02-Mar-2011 14:00	-	

- Pick your state

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Digging Deeper



U.S. Census Bureau

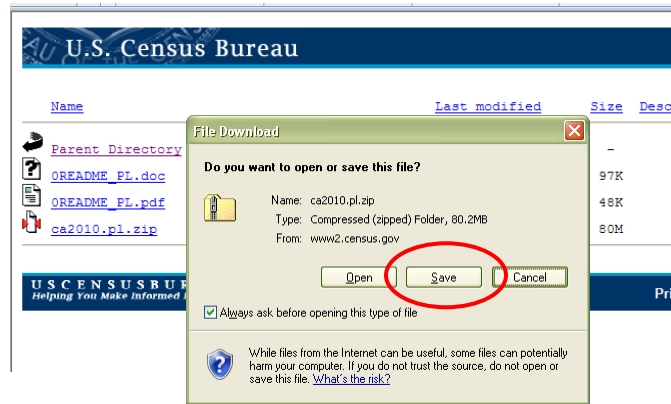
Name	Last modified	Size	Desc
Parent Directory		-	
README_FL.doc	08-Mar-2011 15:34	97K	
README_FL.pdf	08-Mar-2011 15:34	48K	
ca2010.pl.zip	08-Mar-2011 15:33	80M	

USCENSUSBUREAU
Helping You Make Informed Decisions

- Data is contained in the *.zip file

46

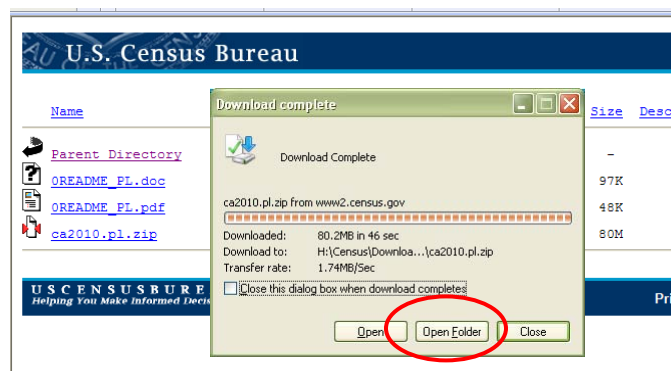
Opening the Data



- Save the file so you can work with it

47

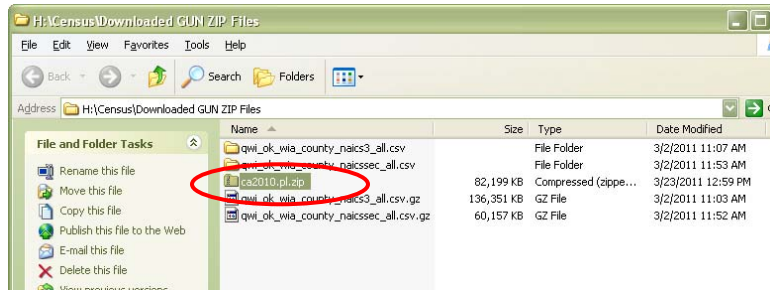
Opening the Data



- Open Folder

48

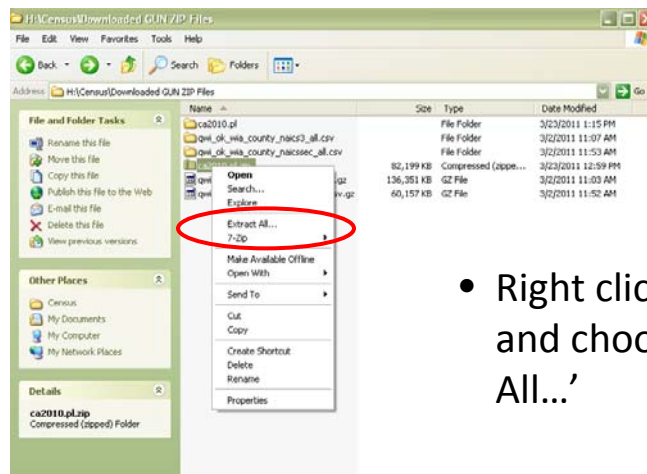
Opening the Data



- This will appear different on your computer, depending on where you saved the file

49

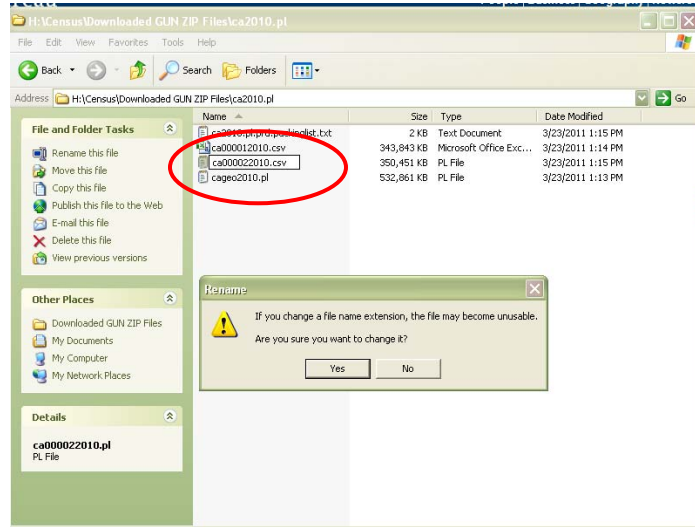
Opening the Data



- Right click on the file and choose 'Extract All...'

50

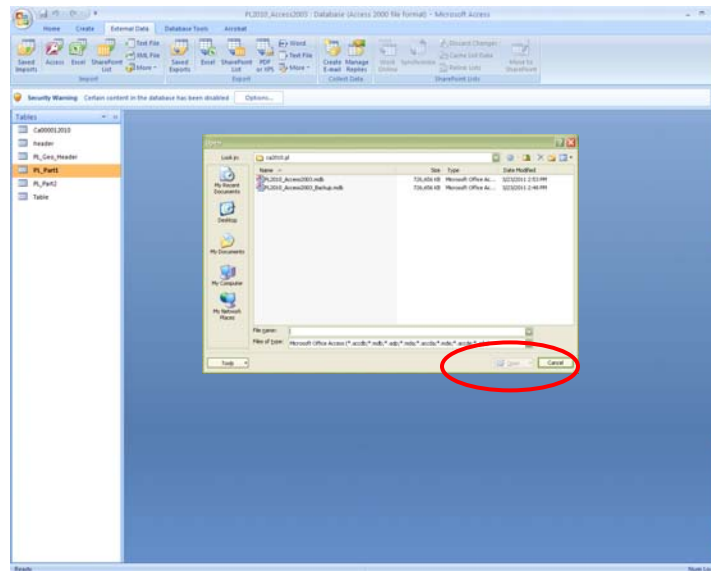
Opening the Data



- After extracting, change file extensions from *.pl to *.csv

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Opening the Data



- Using Microsoft Access, open the *.mdb file that you downloaded from the FTP site

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