Quick Guide to the 2004 American Community Survey in American FactFinder

Released August 30, 2005

The American Community Survey (ACS) is the 2010 Census 'long form', that is, a sample survey of people and housing units that collects information on their characteristics, including income, commute time to work, home value, and other important data. Earlier censuses collected this data only once in ten years, whereas the ACS collects the data every year. Data users can access this detailed demographic and housing data annually online instead of waiting 10 years for decennial census data, helping them make more accurate, timely and informed decisions.

The ACS was in a development phase from 1996-2004. The full implementation began in January 2005, and the 2004 ACS data is from the last year of the development phase. The geographic coverage for the 2004 ACS is very similar to 2003. However, the geographic coverage will increase significantly over time: the 2005 data will provide estimates for over 8,000 geographic areas, including all counties, and places with a population greater than 20,000.

If you have questions or comments about the new products and features in AFF, please use the Feedback or FAQs button at the top of each page in AFF to send your questions and comments, or write to "cmo.acs@census.gov".

The Quick Guide URL will be: **http://factfinder.census.gov/home/saff/aff_acs2004_quickguide.pdf**

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Section A. What's New – August, 2005

A1. New Products

Thematic Maps – see page 17

- reveal the geographic patterns in statistical data
- subjects correspond to those for Ranking Tables
- display available to show confidence intervals
- navigate from a Ranking Table to the corresponding Thematic Map, and vice versa

Subject Tables – see page 14

- provide data on popular topics for a single geographic area.
- two tables will be released in August, with more to be released in the late fall of 2005.

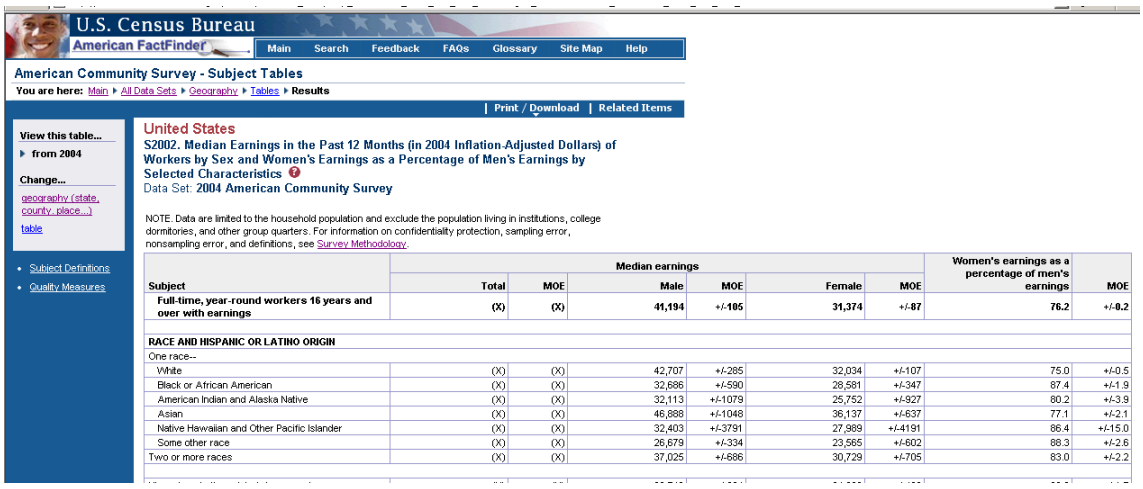
A2. AFF Enhancements

- **Fact Sheet** – 2004 data replaces 2003
- **People and Housing pages** – 2004 data replaces 2003
- **Ranking Tables, Detailed Tables /Base Tables and Multi-Year Profiles** – new numbering scheme for 2004
- **Multi-Year Profiles** – download all 4 profiles for an area in one Excel file
- **2004 PUMS data –** now available for download
- **Reference and Thematic Maps** – increased map size plus new look and feel
- **Custom Table** – this feature now available for 2003 and 2004
- **Data Sets page –** 2004 data added, link to archived 1996-1999 ACS data by File Transfer Protocol (FTP)
- **Updated 'Quick Guide to the 2004 American Community Survey in American FactFinder'**

Section B. New Products –Fall/Winter

B1. More Subject Tables – Fall 2005

A list of these tables is found in Appendix 2.



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American Community Survey - Subject Tables

You are here: Main ▸ All Data Sets ▸ Geography ▸ Tables ▸ Results

Print / Download | Related Items

View this table...
from 2004

Change...
geography (state, county, place...)
table

Subject Definitions
Quality Measures

United States

S2002. Median Earnings in the Past 12 Months (in 2004 Inflation-Adjusted Dollars) of Workers by Sex and Women's Earnings as a Percentage of Men's Earnings by Selected Characteristics

Data Set: 2004 American Community Survey

NOTE. Data are limited to the household population and exclude the population living in institutions, college dormitories, and other group quarters. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology.

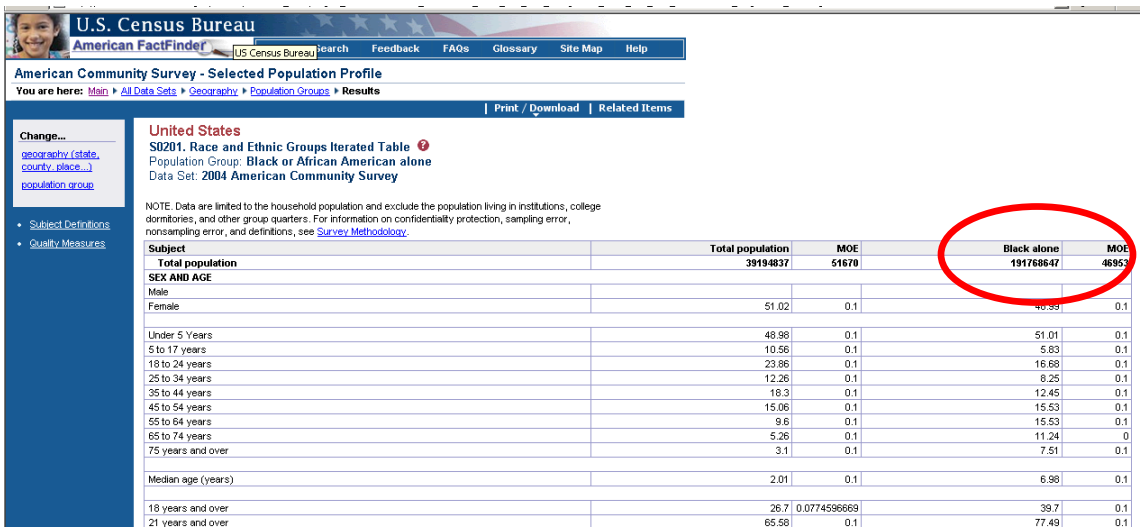
Subject	Median earnings						Women's earnings as a percentage of men's earnings	MOE
	Total	MOE	Male	MOE	Female	MOE		
Full-time, year-round workers 16 years and over with earnings	**(X)**	**(X)**	**41,194**	**+/-105**	**31,374**	**+/-87**	**76.2**	**+/-0.2**
RACE AND HISPANIC OR LATINO ORIGIN								
One race--								
White	(X)	(X)	42,707	+/-285	32,034	+/-107	75.0	+/-0.5
Black or African American	(X)	(X)	32,686	+/-590	28,581	+/-347	87.4	+/-1.9
American Indian and Alaska Native	(X)	(X)	32,113	+/-1079	25,752	+/-927	80.2	+/-3.9
Asian	(X)	(X)	46,888	+/-1048	36,137	+/-637	77.1	+/-2.1
Native Hawaiian and Other Pacific Islander	(X)	(X)	32,403	+/-3791	27,989	+/-4191	86.4	+/-15.0
Some other race	(X)	(X)	26,679	+/-334	23,565	+/-602	88.3	+/-2.6
Two or more races	(X)	(X)	37,025	+/-686	30,729	+/-705	83.0	+/-2.2

B2. Population Profiles – Fall 2005

A list of these tables is found in Appendix 3.

Population Profiles provide detailed information for a specific population group for a single geographic area. They are similar to the Subject Tables in format, and will be grouped with them for selection.

B3. Iterated Population Profile – Winter 2006



Subject	Total population	MOE	Black alone	MOE
Total population	**39194837**	**51670**	**19176847**	**46953**
SEX AND AGE				
Male				
Female	51.02	0.1	46.89	0.1
Under 5 Years	48.98	0.1	51.01	0.1
5 to 17 years	10.56	0.1	5.83	0.1
18 to 24 years	23.86	0.1	16.68	0.1
25 to 34 years	12.26	0.1	8.25	0.1
35 to 44 years	18.3	0.1	12.45	0.1
45 to 54 years	15.06	0.1	15.53	0.1
55 to 64 years	9.6	0.1	15.53	0.1
65 to 74 years	5.26	0.1	11.24	0
75 years and over	3.1	0.1	7.51	0.1
Median age (years)	2.01	0.1	6.98	0.1
18 years and over	26.7	0.0774596669	39.7	0.1
21 years and over	65.58	0.1	77.49	0.1

The "Iterated" Population Profile is a single table that can be viewed for many specific population groups, including race, ethnic and ancestry groups. The population group choices are similar to those found in the Census 2000 Summary Files 2 and 4.

Section C. Finding 2004 ACS Data in American FactFinder

C1. 2004 ACS Fact Sheet

How can I access the 2004 Fact Sheet?
From the American FactFinder main page:

- Enter your city/town, county, state in the geography search box ➔ Click GO ➔Click 2004 tab ➔ 2004 Fact Sheet

OR

- Click Fact Sheet link in the left column ➔ Click 2004 tab➔ 2004 U.S. Fact Sheet
- To change geography use the search box at the top of the page to find city/town, county or state

If 2004 data is not available for a selected geography, you will see a message "2004 data not available for this geography" in place of the 2004 tab. See the Documentation – 2004 Geographic Coverage on page 21 for information about the geographic coverage of the 2004 American Community Survey and a link to the Geographical Areas in the 2004 ACS.

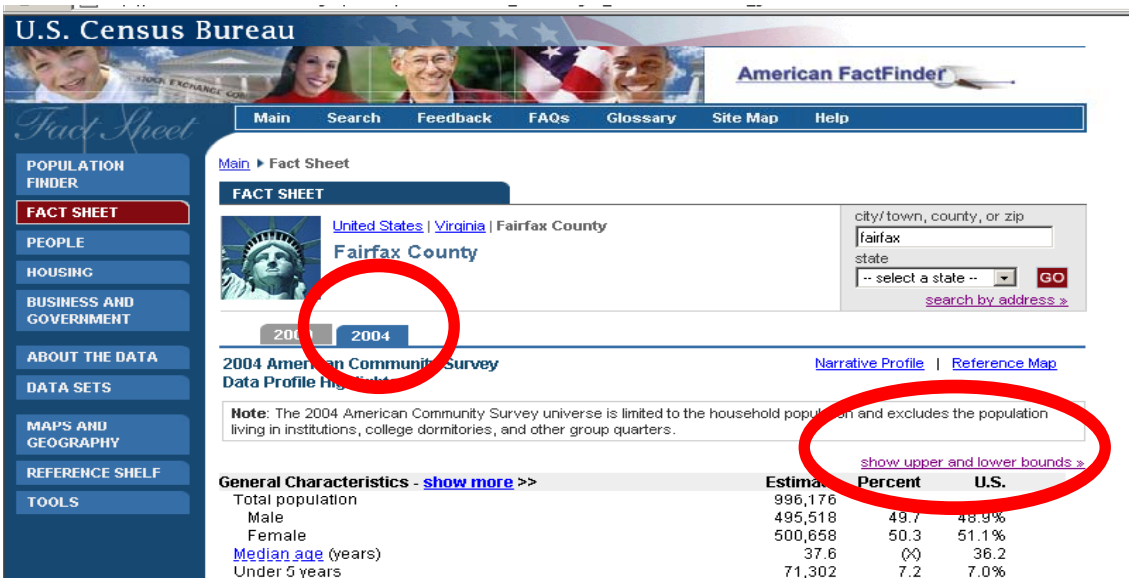
View Accuracy of ACS Estimates
ACS data is based on a sample of the population and the data are estimates of the true value. The accuracy of these estimates is reflected in statistical measures called the "Upper Bound" and the "Lower Bound".

You can see 2004 data with its associated upper and lower bound values on the Fact Sheet, by clicking the "show upper and lower bounds" hyperlink in the right hand corner above the table. This link allows you to toggle between:

- default view *without* upper and lower bounds shown
- view *with* the upper and lower bounds shown

On the 2004 Fact Sheet you can:

- click Narrative Profiles to view this table for your selected geography, or
- click Reference Map to view a map of the selected area
- click show more to see the Data Profile on a subject



C2. People and Housing pages

2004 ACS data replaces the 2003 data on the People and Housing pages in American FactFinder.

How can I access 2004 data on the People and Housing pages?
From the American FactFinder main page:

- Click People or Housing in the left column ➔ Click 2004 tab ➔Click hyperlinks to 2004 ACS tables and maps for the United States
- To change geography use the search box at the top of the page to find city/town, county or state

Note: If more than one match is found for a geography (for example, typing in 'Washington'), you will be shown all the matches and asked to choose one.

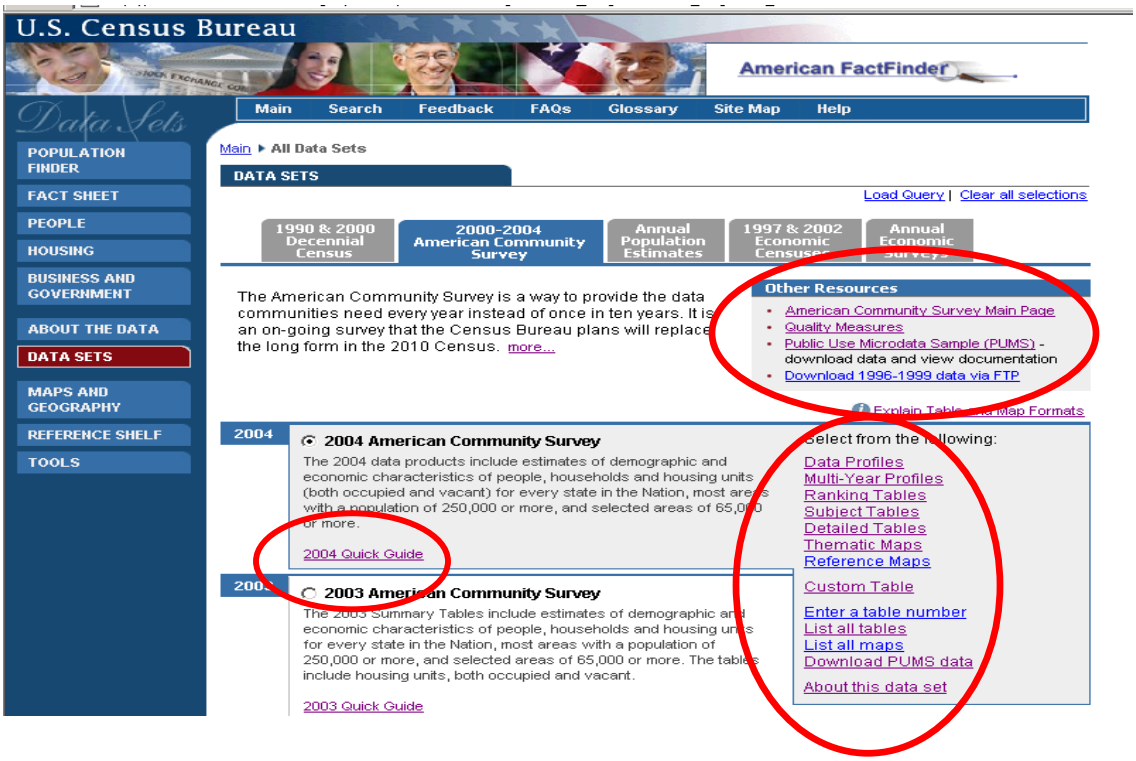
If 2004 data is not available for a selected geography, you will see a message "2004 data not available for this geography" in place of the 2004 tab. See Documentation – 2004 Geographic Coverage on page 21 for information about the geographic coverage of the 2004 American Community Survey and a link to the Geographical Areas in the 2004 ACS.

The hyperlinks for the topics on the People and Housing pages bring you to **Multi-Year Profiles, Ranking Tables** and **Thematic Maps,** where available. Hyperlinks to the **Narrative Profile** and a **Reference Map** for the area are found under the search box. These products are described in more detail below.

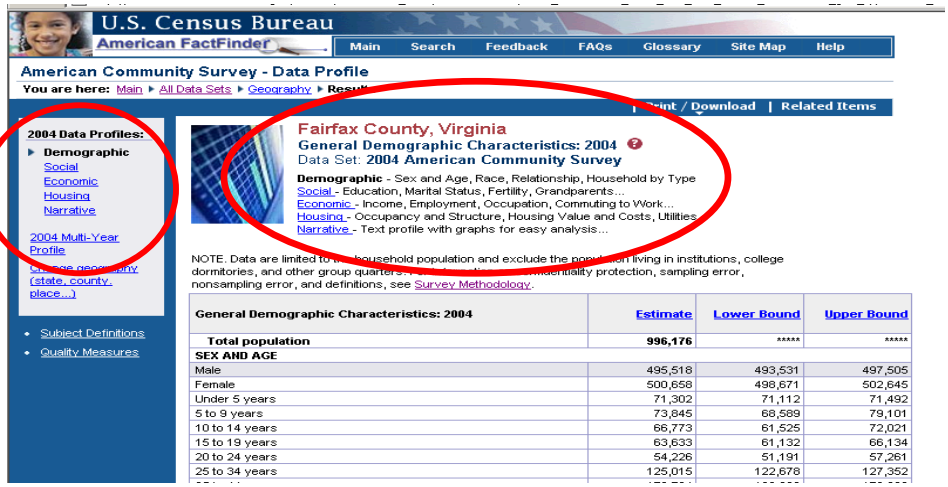
C3. Data Sets page

The Data Sets page for the American Community Survey has been updated:

- The 2004 American Community Survey data set with new products has been added.
- New hyperlinks have been added:
  - in the upper right corner: Download 1996-1999 data via FTP
  - to the Quick Guides to 2003 and 2004 ACS data in American FactFinder, under the data set descriptions for 2003 and 2004 ACS data
  - to the new Subject Tables, Thematic Maps and Custom Table as choices for the 2004 ACS data



C4. Data Profiles



Data Profiles allow users to view detailed demographic, social, economic, and housing information about a particular geography. There are five types, the first four correspond to the Demographic Profile from the decennial census.

How can I access them?

(For 2004 Data Profile Only)

AFF Fact Sheet → 2004 Tab → Choose Geography (using the Search box in the top right corner) → Click Show More… next to General Demographic ➔ 2004 Demographic Data Profile

OR

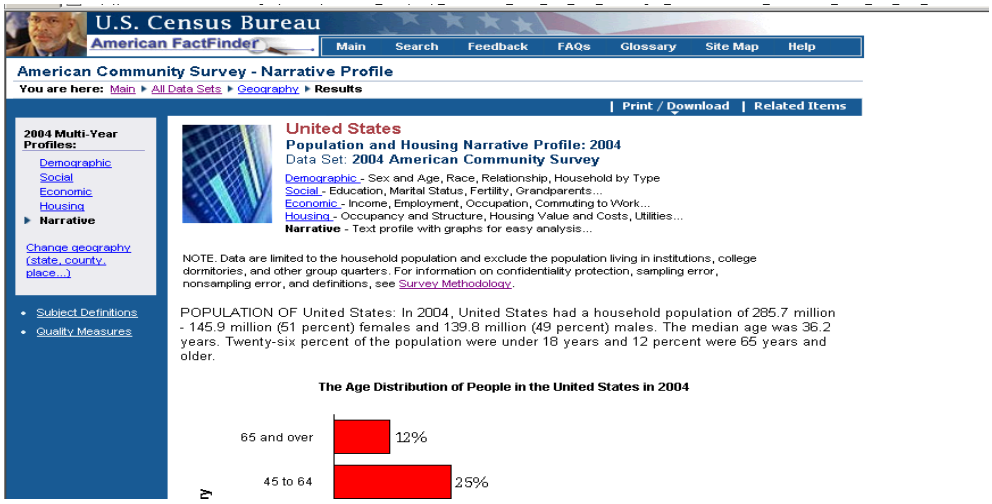
AFF Main Page→ Data Sets Page → Click ACS Tab → Choose Data Year (2004)→ Click Data Profiles hyperlink → Geography Selection → Demographic Data Profile (Default)

Use the links above the table and on the left navigation bar to:

- Toggle among the five profile types,
- Navigate to the Multi-Year Profile for the corresponding geography, and
- Change your geography selection

Available for: 2002-2004

C5. Narrative Profiles



Narrative Profiles provide text and bar charts to display the highlights of the demographic, social, economic, and housing data profiles for a single geographic area. The topics include population, households and families, disability, travel to work, income, poverty, and a wide variety of other topics drawn from the Data Profiles.

How can I access them?

Any Data Profile → Click the Narrative link (above the table or on the left navigation bar)

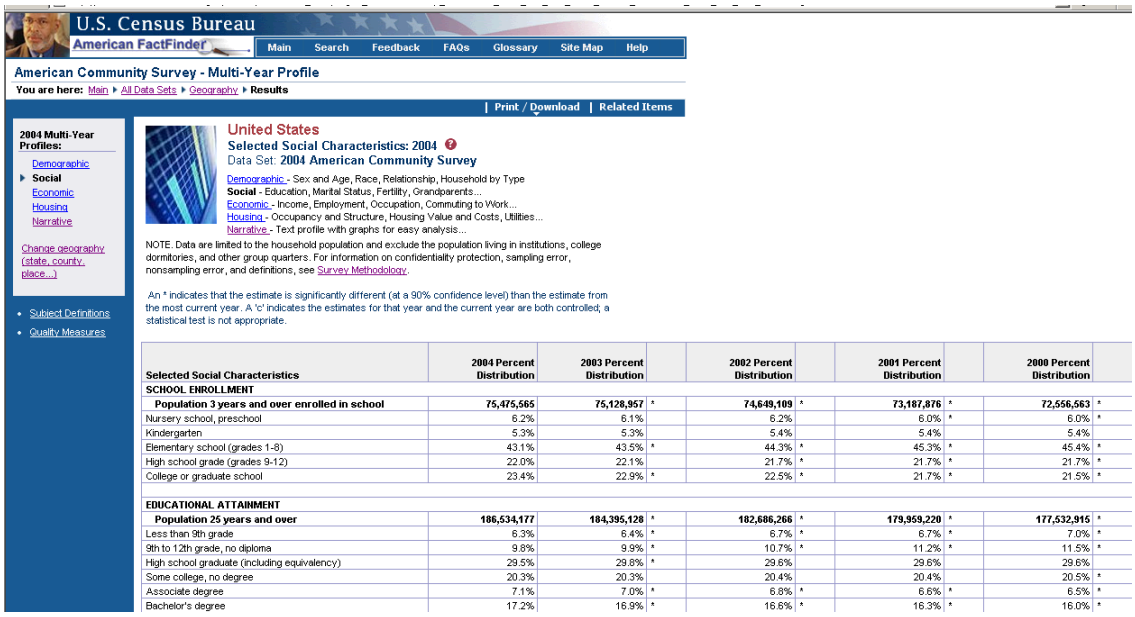
OR

AFF 2004 Fact Sheet → Click the Narrative Profiles link (below the search box)

New feature: download in RichText File format (.rtf) available.

Available for: 2002 - 2004

C6. Multi-Year Profiles



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American Community Survey - Multi-Year Profile
You are here: Main ▸ All Data Sets ▸ Geography ▸ Results
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2004 Multi-Year Profiles:
Demographic
Social
Economic
Housing
Narrative
Change geography (state, county, place...)
Subject Definitions
Quality Measures

United States
Selected Social Characteristics: 2004
Data Set: 2004 American Community Survey

Demographic - Sex and Age, Race, Relationship, Household by Type
Social - Education, Marital Status, Fertility, Grandparents...
Economic - Income, Employment, Occupation, Commuting to Work...
Housing - Occupancy and Structure, Housing Value and Costs, Utilities...
Narrative - Text profile with graphs for easy analysis...

NOTE. Data are limited to the household population and exclude the population living in institutions, college dormitories, and other group quarters. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology.

An * indicates that the estimate is significantly different (at a 90% confidence level) than the estimate from the most current year. A 'c' indicates the estimates for that year and the current year are both controlled; a statistical test is not appropriate.

Selected Social Characteristics	2004 Percent Distribution	2003 Percent Distribution		2002 Percent Distribution		2001 Percent Distribution		2000 Percent Distribution	
SCHOOL ENROLLMENT									
Population 3 years and over enrolled in school	**75,475,565**	**75,128,957**	*	**74,649,109**	*	**73,187,876**	*	**72,556,563**	*
Nursery school, preschool	6.2%	6.1%		6.2%		6.0%	*	6.0%	*
Kindergarten	5.3%	5.3%		5.4%		5.4%		5.4%	
Elementary school (grades 1-8)	43.1%	43.5%	*	44.3%	*	45.3%	*	45.4%	*
High school grade (grades 9-12)	22.0%	22.1%		21.7%	*	21.7%	*	21.7%	*
College or graduate school	23.4%	22.9%	*	22.5%	*	21.7%	*	21.5%	*
EDUCATIONAL ATTAINMENT									
Population 25 years and over	**186,534,177**	**184,395,128**	*	**182,686,266**	*	**179,959,220**	*	**177,532,915**	*
Less than 9th grade	6.3%	6.4%	*	6.7%	*	6.7%	*	7.0%	*
9th to 12th grade, no diploma	9.8%	9.9%	*	10.7%	*	11.2%	*	11.5%	*
High school graduate (including equivalency)	29.5%	29.8%	*	29.6%		29.6%		29.6%	
Some college, no degree	20.3%	20.3%		20.4%		20.4%		20.5%	*
Associate degree	7.1%	7.0%	*	6.8%	*	6.6%	*	6.5%	*
Bachelor's degree	17.2%	16.9%	*	16.6%	*	16.3%	*	16.0%	*

Multi-Year Profiles (MYP) show detailed demographic, social, economic, and housing data about a selected geography over several years in tabular form. They allow users to identify trends and patterns over time. The 2004 MYPs show data from 2000 to 2004.

How can I access them?

(For 2004 Multi-Year Profile Only)

AFF People page or Housing page → Click 2004 Tab → Choose Geography (use the Search box in the top right corner of the page) → Click the hyperlink for a table under a chosen topic → 2004 Demographic (Social, Economic or Housing) Multi-Year Profile.

OR

AFF Main Page→ Data Sets → Click ACS Tab → Choose Data Year → Click Multi-Year Profiles hyperlink → Geography Selection page → Demographic Multi-Year Profile (Default)

What must I remember?

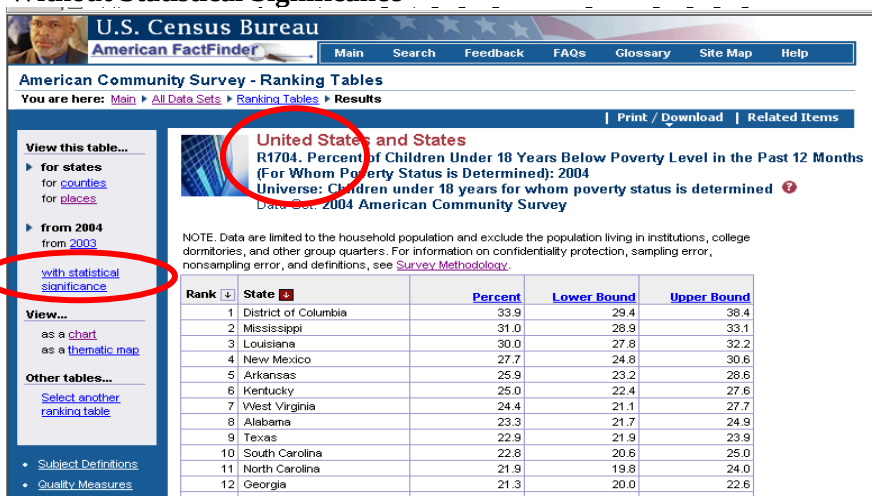
- A '*' indicates if a statistically significant difference exists between the data item for a given year and the current year.
- A 'c' indicates that the data are controlled and displaying a significant difference is not appropriate.

New feature: download all four MYP topics in one Excel file.

Available for: 2002 - 2004

C7. Ranking Tables

Default View – Without Statistical Significance



View with Statistical Significance

Ranking Tables are designed to allow comparison of similar geographic areas on a given characteristic (e.g. “Percent of People over 25 with a Bachelor’s degree”). There are 81 Ranking Tables on a variety of topics. The new table numbers correspond to those of the Thematic Map on the same subject; for example, R0105 corresponds to the Thematic Map M0105.

New feature: - for state level ranking tables you can click on a link in the left navigation bar to see the corresponding Thematic Map for your Ranking Table.

Ranking Tables may be viewed with and without statistical significance. Confidence Interval Charts are associated with Ranking Tables.

When in the Default view you can:

- Click on the arrow icon (inside a red box) within the column heading to sort the table.
- Sort the table by rank or by alphabetical order.

When in the view with Statistical significance, you can:

- Use the Drop down list above the table to select a geography and click the GO button

OR

- Click on a geography inside the table to view geographies that are statistically different from theone selected

How can I access them?
AFF Main Page→ Data Sets → Click ACS Tab → Choose Data Year → Click Ranking Tables hyperlink → Choose Ranking Table → Ranking Table result (default view)

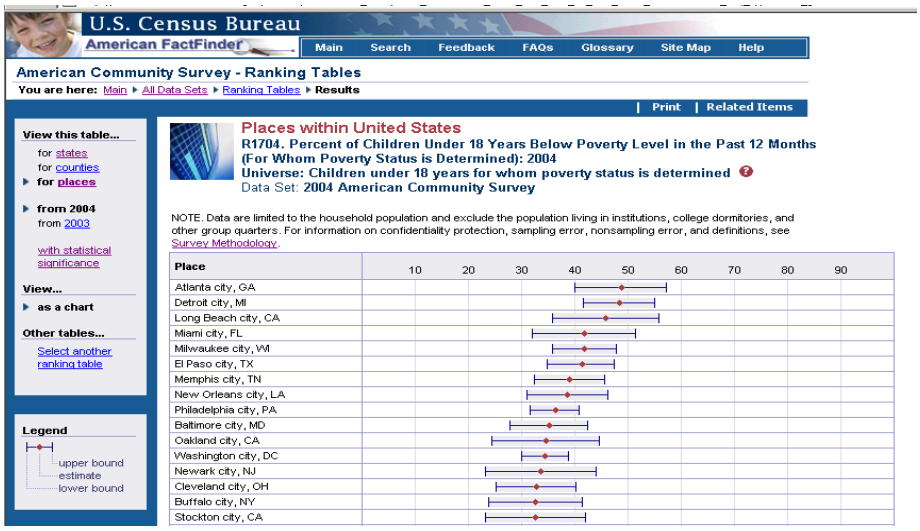
OR

(For 2003 and 2004 Ranking Tables Only)

AFF People page or Housing page → Click 2004 Tab → Click on the icon hyperlink for State, Counties, or Place under a chosen characteristic→ 2004 Ranking Table result (default view)

Available for: 2002 - 2004

Confidence Interval Charts



Confidence Interval Charts depict the degree of uncertainty about the Ranking Table estimate in a chart form. The confidence interval is represented by two bars – the left bar representing the lower bound and the right bar representing the upper bound.

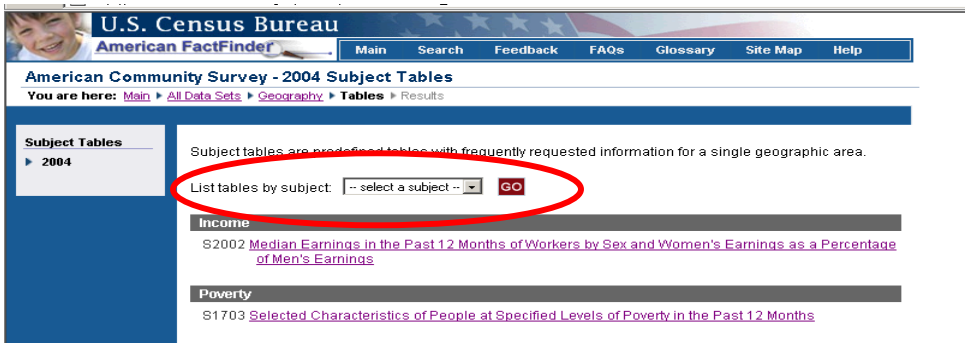
The further apart the bars, the greater the uncertainty about the estimate. A diamond-shaped point lying between the two bars indicates the estimate.

Move the cursor over the row containing the geography to view the associated Lower Bound (LB), Estimate (Est), and Upper Bound (UB).

How can I access them?
Ranking Table → "chart" hyperlink (on the left navigation bar)

Available for: 2002 - 2004

C8. Subject Tables and Selected Population Profiles



Subject Tables are similar to the decennial census Quick Tables with data on popular topics for a single geographic area. They are available on the People and Housing pages and from the 2004 ACS data set selection on the ACS Data Sets page.

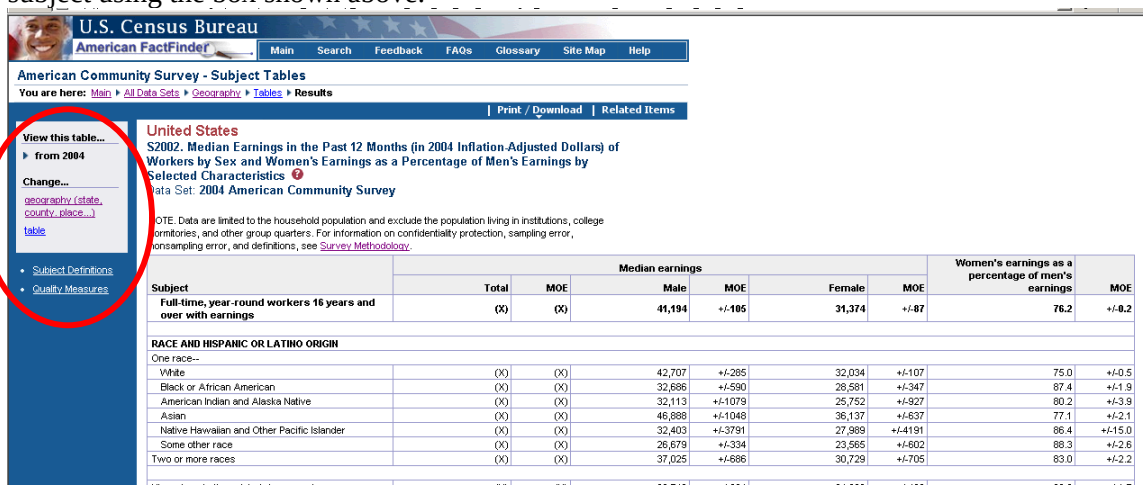
Only table **S2002. Median Earnings in the Past 12 Month of Workers by Sex and Women's Earnings as a Percentage of Men's Earnings** is being released in August 2005. More tables will be released in November 2005.

Selected Population Profiles present detailed information for a selected population group. Groups covered will include teenagers, people in poverty, the older population, workers, children, grandchildren, and the foreign born. These tables are grouped with the Subject Tables.

Only table **S1703. Selected Characteristics of People at Specified Levels of Poverty in the Past 12 Months** is being released in August 2005. More tables will be released in November.

How can I access them?
AFF Main Page→ Data Sets → Click ACS Tab → Choose Data Year 2004→ Click Subject Tables hyperlink → Choose geography→ Choose Subject Table (see above)

You can choose the Subject Table or Population Profile by scrolling through the list, or by selecting a subject using the box shown above.

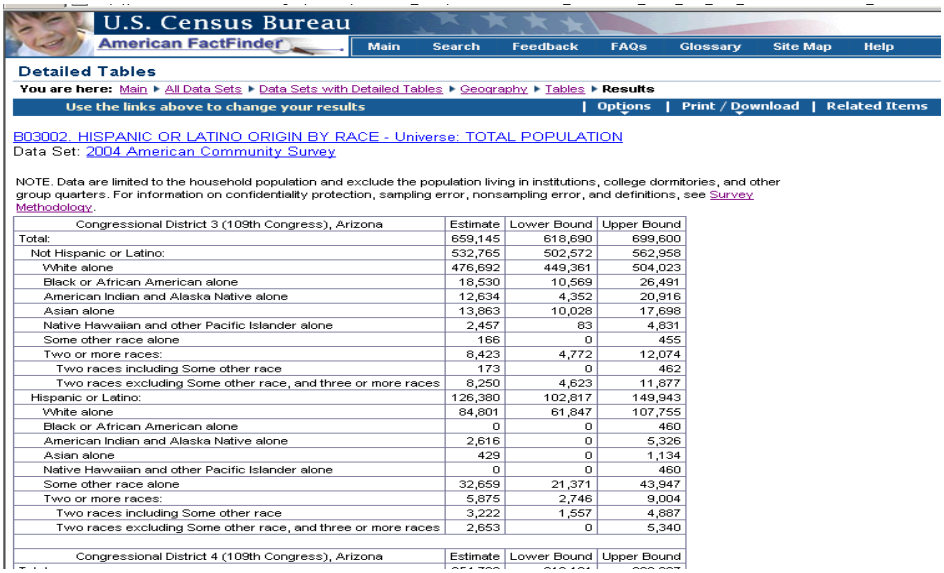


Using the hyperlinks in the left navigation bar, you can:

- Change your geographic selection
- Find a new table
- View the Subject Definitions or the Quality Measures.

Available for: 2004 only

C9. Detailed Tables (Base Tables)



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Detailed Tables

You are here: Main ▸ All Data Sets ▸ Data Sets with Detailed Tables ▸ Geography ▸ Tables ▸ Results

Use the links above to change your results | Options | Print / Download | Related Items

B03002. HISPANIC OR LATINO ORIGIN BY RACE - Universe: TOTAL POPULATION
Data Set: 2004 American Community Survey

NOTE. Data are limited to the household population and exclude the population living in institutions, college dormitories, and other group quarters. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology.

Congressional District 3 (109th Congress), Arizona	Estimate	Lower Bound	Upper Bound
Total:	659,145	618,690	699,600
Not Hispanic or Latino:	532,765	502,572	562,958
White alone	476,692	449,361	504,023
Black or African American alone	18,530	10,569	26,491
American Indian and Alaska Native alone	12,634	4,352	20,916
Asian alone	13,863	10,028	17,698
Native Hawaiian and other Pacific Islander alone	2,457	83	4,831
Some other race alone	166	0	455
Two or more races:	8,423	4,772	12,074
Two races including Some other race	173	0	462
Two races excluding Some other race, and three or more races	8,250	4,623	11,877
Hispanic or Latino:	126,380	102,817	149,943
White alone	84,801	61,847	107,755
Black or African American alone	0	0	460
American Indian and Alaska Native alone	2,616	0	5,326
Asian alone	429	0	1,134
Native Hawaiian and other Pacific Islander alone	0	0	460
Some other race alone	32,659	21,371	43,947
Two or more races:	5,875	2,746	9,004
Two races including Some other race	3,222	1,557	4,887
Two races excluding Some other race, and three or more races	2,653	0	5,340

Congressional District 4 (109th Congress), Arizona	Estimate	Lower Bound	Upper Bound

All the detailed data on basic characteristics for the 2004 ACS can be found in the Detailed Tables (Base Tables). These tables are the foundation upon which the other ACS data products are built. They show estimates and their associated lower and upper bounds of the 90-percent confidence interval

There are more than 400 tables, many iterated by race and Hispanic origin. You can choose from all the available geographic areas and all the tables.

How can I access them?
AFF Main Page→ Data Sets → Click ACS Tab → Choose Data Year 2004→ Click Detailed Tables hyperlink → Choose geography→ Choose Detailed Table by keyword, subject or scrolling through the list.

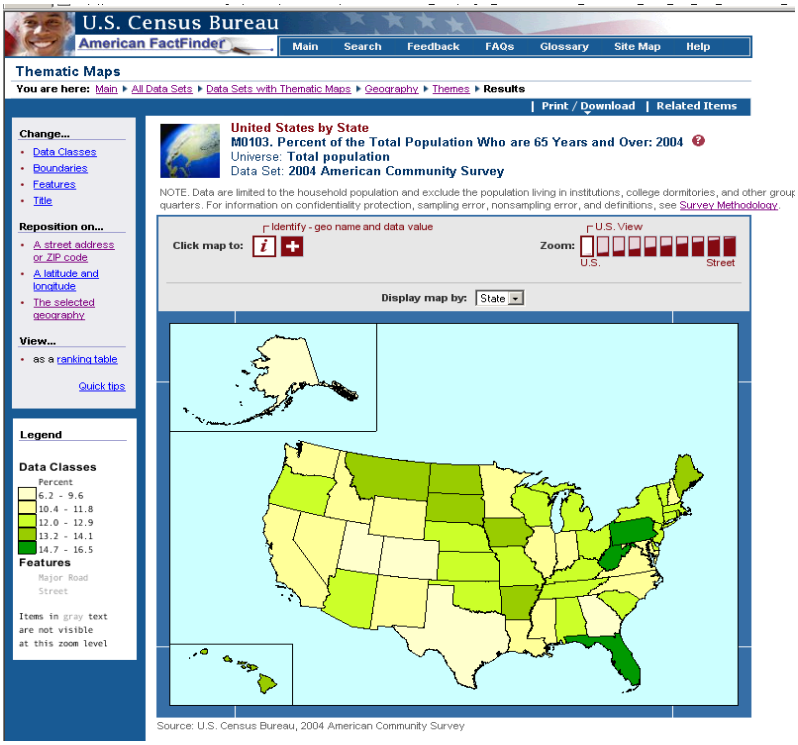
New feature: the table numbering scheme was changed for 2004 to group tables by subject:

- The first character of a table identifier is a letter indicating the type of table, e.g., B=Base Table, R=Ranking Table, S=Subject Table, etc.
- The next two digits identify the subject of the table, e.g., 01= Age and Sex, 02= Race, 03=Hispanic or Latino, 04= Ancestry, etc. These two-digit subject designations will be consistent throughout 2004 for Detailed Tables (Base Tables), Ranking Tables, Subject Tables, Thematic Maps, and later ACS products.
- The following two or three digits uniquely identify the table within the type and subject.

- For example, Table B03002 above is a Detailed Table (Base Table) on the subject of Hispanic or Latino origin, and it is the second table in the sequence.

Available for: 2000-2004

C10. Thematic Maps



Thematic Maps are a new product for 2004 ACS. They show the geographic patterns in statistical data. When you click "Identify" on the map, the ACS confidence interval will be displayed, along with the data value. The confidence interval includes the ACS estimate and the upper and lower bounds.

Thematic Maps have many interesting and useful features and are found throughout the American FactFinder. You can:

- select different boundaries to show on your map: county, county subdivision, place, etc.
- change the features shown: streets, bodies of water, etc.
- change the classing method of the data to show different groupings
- add a title
- download the data from the map and the legend
- zoom in and out to see varying levels of detail

How can I access them?
AFF Main Page→ Data Sets → Click ACS Tab → Choose Data Year 2004→ Click Thematic Maps hyperlink → Choose geography (Nation/United States)→ Choose Thematic Map by subject, keyword or scrolling through the list of themes.

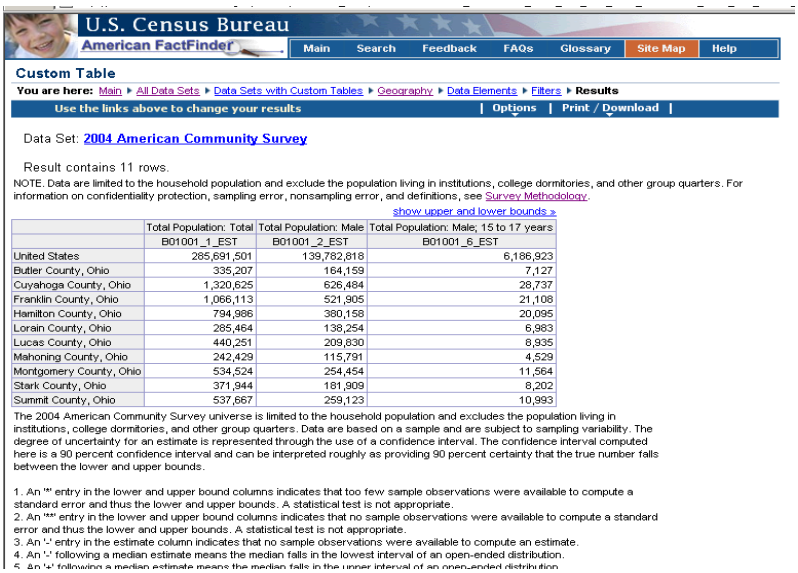
Click Help in the upper right corner to learn more about using thematic maps;

OR

View a tutorial on using these maps: Click Help in the upper right corner of the page➔Click Tutorials tab ➔Select Creating and Using Maps.

Available for: 2004 only

C11. Custom Table


U.S. Census Bureau
American FactFinder
Main | Search | Feedback | FAQs | Glossary | Site Map | Help

Custom Table

You are here: Main ▸ All Data Sets ▸ Data Sets with Custom Tables ▸ Geography ▸ Data Elements ▸ Filters ▸ Results

Use the links above to change your results | Options | Print / Download |

Data Set: 2004 American Community Survey

Result contains 11 rows.

NOTE. Data are limited to the household population and exclude the population living in institutions, college dormitories, and other group quarters. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology.

show upper and lower bounds »

	Total Population: Total	Total Population: Male	Total Population: Male; 15 to 17 years
	B01001_1_EST	B01001_2_EST	B01001_6_EST
United States	285,691,501	139,782,818	6,186,923
Butler County, Ohio	335,207	164,159	7,127
Cuyahoga County, Ohio	1,320,625	626,484	28,737
Franklin County, Ohio	1,066,113	521,905	21,108
Hamilton County, Ohio	794,986	380,158	20,095
Lorain County, Ohio	285,464	138,254	6,983
Lucas County, Ohio	440,251	209,830	8,935
Mahoning County, Ohio	242,429	115,791	4,529
Montgomery County, Ohio	534,524	254,454	11,564
Stark County, Ohio	371,944	181,909	8,202
Summit County, Ohio	537,667	259,123	10,993

The 2004 American Community Survey universe is limited to the household population and excludes the population living in institutions, college dormitories, and other group quarters. Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate is represented through the use of a confidence interval. The confidence interval computed here is a 90 percent confidence interval and can be interpreted roughly as providing 90 percent certainty that the true number falls between the lower and upper bounds.

1. An '*' entry in the lower and upper bound columns indicates that too few sample observations were available to compute a standard error and thus the lower and upper bounds. A statistical test is not appropriate.
2. An '**' entry in the lower and upper bound columns indicates that no sample observations were available to compute a standard error and thus the lower and upper bounds. A statistical test is not appropriate.
3. An '-' entry in the estimate column indicates that no sample observations were available to compute an estimate.
4. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
5. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.

The Custom Table feature in American FactFinder allows you to select only certain elements of a table, or to select elements from more than one table to customize the table for your use. There are many features and choices available in this powerful feature.

How can I access them?

AFF Main Page→ Data Sets → Click ACS Tab → Choose Data Year 2004→ Click Custom Table hyperlink.

Learn more about creating Custom Tables:

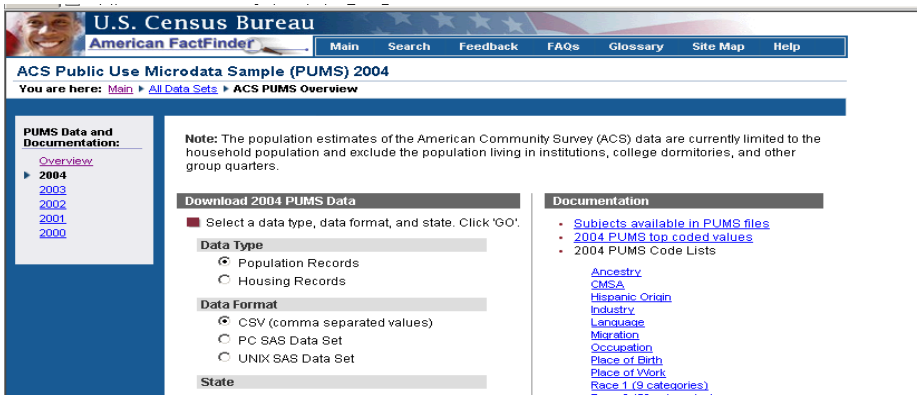
Click Help in the upper right corner of each page ➔ see the Help for Custom Tables;

OR

Click Help in the upper right corner of each page ➔ Select Tutorials tab ➔Click Creating Custom Tables.

Available for: 2003 and 2004

C12. ACS Public Use Microdata Sample (PUMS) Files



The Public Use Microdata Sample files, or PUMS, are a sample of the actual responses to the ACS. Public use microdata is provided for users who want to create their own tabulations using specialized tools.

How can I access them?
AFF Main Page→ Data Sets → Click ACS Tab → Click Public Use Microdata Sample link → Click on Year hyperlink from PUMS Overview Page → ACS PUMS Download Page

OR

AFF Main Page→ Data Sets → Click ACS Tab → Choose Data Set → Click the Download PUMS data hyperlink from the options→ ACS PUMS Download Page

What must I remember?

- The Census Bureau removes all identifying information from PUMS files. Also, a minimum population threshold ensures that no information disclosure occurs about particular households or persons
- There are two basic record types: the housing unit record and the person record. Each has a unique identifier. Each record contains a serial number that links the persons in the housing unit to the housing unit record.
- PUMS data may be downloaded in CSV, PC SAS, and UNIX SAS formats

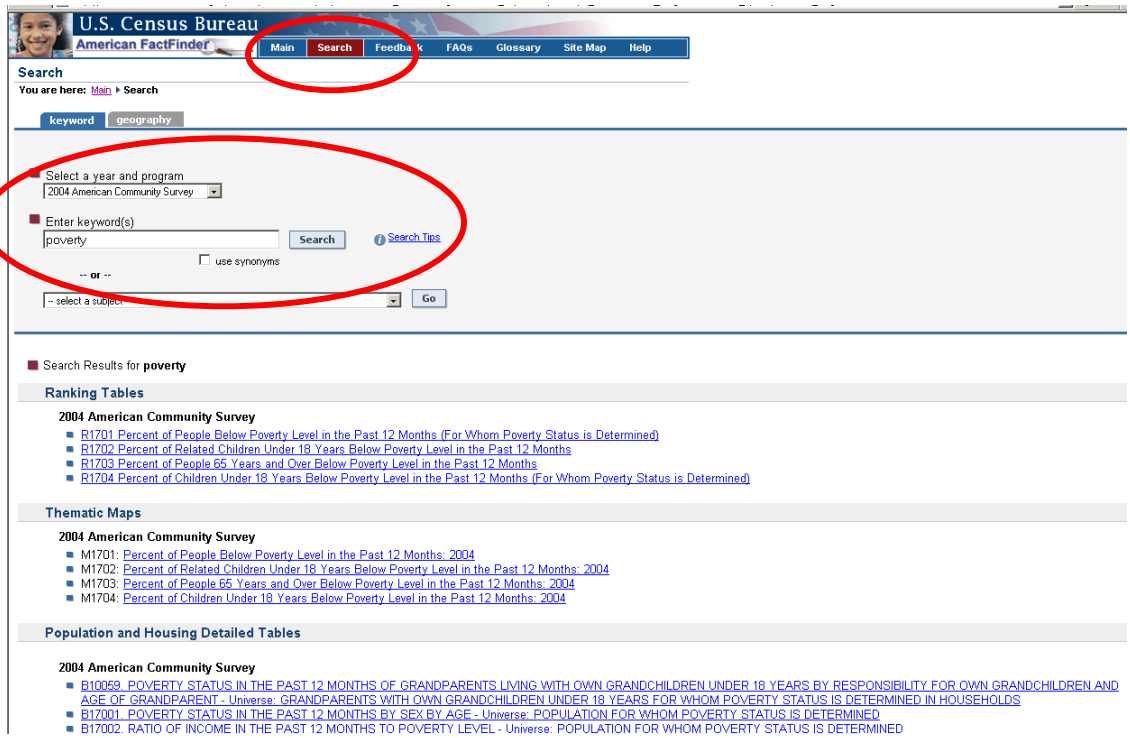
Available for: 2000 – 2004

C13. Search

The 2004 ACS data products are searchable using the AFF Search button in the top navigation bar.

Typing in keywords such as “Poverty” or “Occupation” generates results that include the ACS data products (see example below).

To limit the search to the American Community Survey, make sure that you select the right year and program from the ‘Select a year and program’ drop down list (in the example shown below ‘2004 American Community Survey’ is selected).



Section D. Documentation and References for 2004 ACS data

D1. 2004 Geographic Coverage

Geographic Summary Levels for 2004 ACS data

The 2004 ACS data covers more than 800 geographies. The geographic coverage for the 2004 data is very similar to the coverage for 2003. Coverage will increase significantly to approximately 8300 areas when data from the 2005 full implementation is released in August 2006 (see chart below).

Changes in geographic areas for which 2004 data is published:

Areas covered in 2003, dropped for 2004:

Louisville City, Kentucky
Texas Congressional District 8
Texas Congressional District 10
Texas Congressional District 12
Texas Congressional District 25

Areas added for 2004:

Bell County, Texas
Ottawa County, Michigan
Lake County, Florida
Avon Township, Illinois
Missouri City city, Texas
Louisville-Jefferson County city, Kentucky
Portland, Maine MSA
Texas Congressional District 2

For more detailed information see the Geographical Areas in the 2004 ACS.

D2. 2004 ACS Products available by Geography type

The table below outlines the geographic coverage of the 2004 ACS data products:

	United States	State	County	County Subdivision	Place	MSA or CMSA	Primary MSA	109th Congressional District	ACS Test Site
Detailed Tables/ Base Tables	X	X	X	X	X	X	X	X	X
Data Profiles	X	X	X	X	X	X	X	X	X
Multi Year Profiles	X	X	X	X	X	X	X		X
Ranking Tables		X	X		X				
Subject Tables	X	X	X	X	X	X	X	X	X
Thematic Maps	X	X							
Selected Population Profiles	X	X							
PUMS		X							

D3. ACS Data Release Timetable: 2003 to 2010

By 2010, information on demographic, socio-economic and housing characteristics once available every 10 years will be available annually for all areas through the American Community Survey (ACS).

The ACS has been publishing annual data for many areas with populations of 250,000 or more. In 2005, the ACS began collecting data every month for all areas throughout the United States and Puerto Rico.

The Census Bureau will release annual data for all areas of 65,000 or more beginning in 2006. For smaller areas, it will take three to five years to accumulate a large enough sample to produce data for areas as small as census tracts (see chart below). Once that sample is collected, though, the Census Bureau will release three- to five-year averages every year for those areas.

Annual estimates are scheduled for release in the summer following the calendar year in which the data were collected.

Reference: American Community Survey Data Release timetable

Type of Data	Population Size of Area	Data for the Previous Year Released in the Summer Of:							
		2003	2004	2005	2006	2007	2008	2009	2010+
Annual estimates	250,000+								
Annual estimates	65,000+								
3-year averages	20,000+								
5-year averages	Census Tract and Block Group								

D4. Methodology

An overview of the ACS survey methodology may be accessed via the 'Survey Methodology' link on the pages of the various data products. The overview includes content and links to topics such as data sampling, data sparsity, geographic coverage, and statistical measures of data accuracy.

D5. Subject Definitions

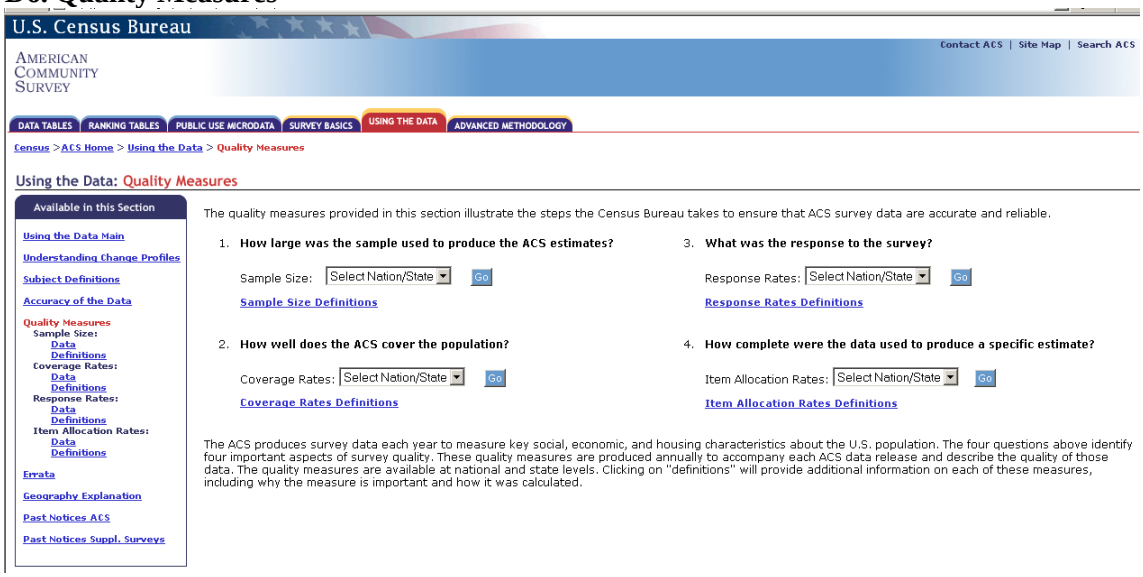
In using the 2004 ACS data be sure to read the following note found on all tables:

"Data are limited to the household population and exclude the population living in institutions, college dormitories, and other group quarters. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see Survey Methodology."

A hyperlink to the subject characteristic definitions for the ACS data is available from the Survey Methodology link on each table, as well as in the left navigation bar on the Data Profiles, Multi-Year Profiles, Ranking Tables, and Subject Tables.

Direct link to Subject Definitions: *American Community Survey Subject Definitions*

D6. Quality Measures



Quality Measures provides information and data tables at the state and national level on four key indicators of survey data quality:

1. Response rates
2. Coverage rates
3. Sample size
4. Allocation rates

How can I access them?

AFF Main Page→ Data Sets → Click ACS Tab → Click Quality Measures link (under "Other Resources)→ Quality Measures page

Available for: 2000 – 2004

D7. Accuracy of the Data

The footnote found on each 2004 ACS detailed table provides a link to the *Accuracy of the Data:*

Other tables have notes specific to the data in that table. For detailed explanation covering all 2004 ACS data, see Accuracy of the Data.

Section E. Data User Training Guide – American Community Survey (Fall 2005 release)

This document will provide detailed explanations about how to use the American Community Survey data, and examples showing how to find and use data for different purposes. A hyperlink to this document will be included once the document is released.

E1. Press Release/Media Toolkit for the American Community Survey

You may wish to refer to the Census Bureau's American Community Survey New Media Tool Kit for more information about the ACS. There you will find an overview, fact sheets about the questionnaire, a timetable, and a questions and answers section.

E2. American Community Survey Website

View the American Community Survey Website for the latest information about the survey and the data. You will also find historical information, statistical studies and evaluations, and detailed information about survey methodology and the accuracy of the data.

Appendix 1. List of 2004 ACS Ranking Tables and Maps (81)

The list below is for Ranking Tables. Thematic Maps have the same titles and numbers, except that the Thematic Map numbers begin with "M" instead of "R".

Table No.	Table Title	Universe
R0101	Median Age of the Total Population	Total population
R0102	Sex Ratio of the Total Population	Total population
R0103	Percent of the Total Population Who are 65 Years and Over	Total population
R0104	Percent of the Total Population Who are 85 Years and Over	Total population
R0105	Age Dependency Ratio of the Total Population	Total population
R0201	Percent of the Total Population Who are White Alone	Total population
R0202	Percent of the Total Population Who are Black or African American Alone	Total population
R0203	Percent of the Total Population Who are American Indian and Alaska Native Alone	Total population
R0204	Percent of the Total Population Who are Asian Alone	Total population
R0205	Percent of the Total Population Who are Native Hawaiian and Other Pacific Islander Alone	Total population
R0206	Percent of the Total Population Who are Some Other Race Alone	Total population
R0207	Percent of the Total Population Who are Two or More Races	Total population
R0208	Percent of the Total Population Who are Two or More Races Excluding Some Other Race	Total population
R0209	Percent of the Total Population Who are White Alone, Not Hispanic or Latino	Total population
R0501	Percent of People Who Are Foreign Born	Total population
R0502	Percent of People Born in Europe	Foreign-born population
R0503	Percent of People Born in Asia	Foreign-born population
R0504	Percent of People Born in Latin America	Foreign-born population
R0505	Percent of People Born in Mexico	Foreign-born population
R0601	Percent of the Native Population Born in their State of Residence	Native population
R0701	Percent of People 1 Year and Over Who Lived in a Different House in the U.S. 1 Year Ago	Population 1 year and over
R0702	Percent of People 1 Year and Over Who Lived in a Different House Within the Same State 1 Year Ago	Population 1 year and over
R0703	Percent of People 1 Year and Over Who Lived in a Different State 1 Year Ago	Population 1 year and over
R0801	Mean Travel Time to Work of Workers 16 Years and	Workers 16 Years and Over Who Did

	Over Who Did Not Work at Home (Minutes)	Not Work at Home
R0802	Percent of Workers 16 Years and Over Who Traveled to Work by Car, Truck, or Van--Drove Alone	Workers 16 years and over
R0803	Percent of Workers 16 Years and Over Who Traveled to Work by Car, Truck, or Van--Carpooled	Workers 16 years and over
R0804	Percent of Workers 16 Years and Over Who Traveled to Work by Public Transportation (Excluding Taxicab)	Workers 16 years and over
R0805	Percent of Workers 16 Years and Over Who Worked Outside County of Residence	Workers 16 years and over
R1001	Percent of Grandparents Responsible for their Grandchildren	Grandparents living with grandchildren
R1101	Percent of Households That are Married-Couple Families	Households
R1102	Percent of Households That are Married-Couple Families With Own Children Under 18 Years	Households
R1103	Percent of Households With One or More People Under 18 Years	Households
R1104	Percent of Households With One or More People 65 Years and Over	Households
R1105	Average Household Size	Households
R1201	Percent of Men 15 Years and Over Who Were Never Married	Men 15 years and over
R1202	Percent of Women 15 Years and Over Who Were Never Married	Women 15 years and over
R1303	Women 15 to 50 Years Old Who Had a Birth in the Past 12 Months (Per 1,000 Women)	Women 15 to 50 years old
R1401	Percent of People 25 Years and Over Who Have Completed High School (Including Equivalency)	Population 25 years and over
R1402	Percent of People 25 Years and Over Who Have Completed a Bachelor's Degree	Population 25 years and over
R1403	Percent of People 25 Years and Over Who Have Completed an Advanced Degree	Population 25 years and over
R1601	Percent of People 5 Years and Over Who Speak a Language Other Than English at Home	Population 5 years and over
R1602	Percent of People 5 Years and Over Who Speak Spanish at Home	Population 5 years and over
R1603	Percent of People 5 Years and Over Who Speak English Less Than "Very Well"	Population 5 years and over
R1701	Percent of People Below Poverty Level in the Past 12 Months (For Whom Poverty Status is Determined)	Population for whom poverty status is determined
R1702	Percent of Related Children Under 18 Years Below Poverty Level in the Past 12 Months	Related children under 18 years
R1703	Percent of People 65 Years and Over Below Poverty Level in the Past 12 Months	Population 65 years and over
R1704	Percent of Children Under 18 Years Below Poverty Level in the Past 12 Months (For Whom Poverty Status	Children under 18 years for whom poverty status is determined

	is Determined)	
R1801	Percent of People 5 to 20 Years Old With a Disability	Civilian noninstitutionalized population 5 to 20 years
R1802	Percent of People 21 to 64 Years Old With a Disability	Civilian noninstitutionalized population 21 to 64 years
R1803	Percent of People 65 Years and Over With a Disability	Civilian noninstitutionalized population 65 years and over
R1901	Median Earnings for Male Full-Time, Year-Round Workers (In <year> Inflation-Adjusted Dollars)	Male full-time, year-round workers with earnings
R1902	Median Earnings for Female Full-Time, Year-Round Workers (In <year> Inflation-Adjusted Dollars)	Female full-time, year-round workers with earnings
R2001	Median Household Income (In <year> Inflation-Adjusted Dollars)	Households
R2002	Median Family Income (In <year> Inflation-Adjusted Dollars)	Families
R2003	Percent of Households With Retirement Income	Households
R2004	Percent of Households With Cash Public Assistance Income	Households
R2101	Percent of the Civilian Population 18 Years and Over Who Are Veterans	Civilian population 18 years and over
R2301	Percent of People 16 Years and Over Who Are in the Labor Force (Including Armed Forces)	Population 16 years and over
R2302	Percent of Children Under 6 Years Old With All Parents in the Labor Force	Own children under 6 years in families and subfamilies
R2303	Employment/Population Ratio for the Population 16 to 64 Years Old	Population 16 to 64 years
R2304	Percent of Married-Couple Families With Both Husband and Wife in the Labor Force	Married-couple families
R2401	Percent of Civilian Employed People 16 Years and Over in Management, Business and Financial Occupations	Civilian employed population 16 years and over
R2402	Percent of Civilian Employed People 16 Years and Over in Professional and Related Occupations	Civilian employed population 16 years and over
R2403	Percent of Civilian Employed People 16 Years and Over in Service Occupations	Civilian employed population 16 years and over
R2404	Percent of Civilian Employed People 16 Years and Over in the Manufacturing Industry	Civilian employed population 16 years and over
R2405	Percent of Civilian Employed People 16 Years and Over in the Information Industry	Civilian employed population 16 years and over
R2406	Percent of Civilian Employed People 16 Years and Over Who Were Private Wage and Salary Workers	Civilian employed population 16 years and over
R2501	Percent of Housing Units That Are Mobile Homes	Total housing units
R2502	Percent of Housing Units That Were Built In 2000 or Later	Total housing units
R2503	Percent of Housing Units That Were Built In 1939 or Earlier	Total housing units

R2504	Percent of Occupied Housing Units That Were Moved Into In 2000 or Later	Occupied housing units
R2505	Percent of Occupied Housing Units With Gas as Principal Heating Fuel	Occupied housing units
R2506	Percent of Occupied Housing Units With Electricity as Principal Heating Fuel	Occupied housing units
R2507	Percent of Occupied Housing Units With Fuel Oil, Kerosene, Etc. as Principal Heating Fuel	Occupied housing units
R2509	Percent of Occupied Housing Units With 1.01 or More Occupants Per Room	Occupied housing units
R2510	Median Housing Value of Owner-Occupied Housing Units (Dollars)	Owner-occupied housing units
R2511	Median Monthly Housing Costs for Owner-occupied Housing Units With a Mortgage (Dollars)	Owner-occupied housing units
R2512	Percent of Occupied Housing Units that are Owner-occupied	Occupied housing units
R2513	Percent of Mortgaged Owners Spending 30 Percent or More of Household Income on Selected Monthly Owner Costs	Owner-occupied housing units with a mortgage
R2514	Median Monthly Housing Costs for Renter-occupied Housing Units (Dollars)	Renter-occupied housing units
R2515	Percent of Renter-occupied Units Spending 30 Percent or More of Household Income on Rent and Utilities	Renter-occupied housing units

Appendix 2. List of 2004 ACS Subject Tables (44)
The highlighted table was released in August 2005. The remainder will be released in November 2005

Table No.	Title
S0101	Age and Sex
S0601	Selected Characteristics of the Total and Native Population
S0701	Geographic Mobility by Selected Characteristics
S0702	Movers Between Regions
S0801	Commuting Characteristics by Sex
S0802	Means of Transportation to Work by Selected Characteristics
S1002	Grandparents
S1101	Household and Families
S1201	Marital Status
S1301	Fertility
S1401	School Enrollment
S1501	Educational Attainment
S1601	Language Spoken at Home
S1602	Linguistic Isolation
S1603	Characteristics of People Who Speak a Language Other Than English at Home
S1701	Poverty Status in the Past 12 Months of Individuals
S1702	Poverty Status in the Past 12 Months of Families
S1801	Disability Characteristics
S1901	Income in the Past 12 Months (in <year> Inflation-Adjusted Dollars)
S1902	Mean Income in the Past 12 Months (in <year> Inflation-Adjusted Dollars)
S1903	Median Income in the Past 12 Months (in <year> Inflation-Adjusted Dollars)
S2001	Earnings in the Past 12 Months (in <year> Inflation-Adjusted Dollars)
S2002	Median Earnings in the Past 12 Months (in <year>Inflation-Adjusted Dollars) of Workers by Sex and Women's Earnings as a Percentage of Men's Earnings by Selected Characteristics
S2101	Veteran Status
S2201	Food Stamps
S2301	Employment Status
S2302	Employment Characteristics of Families
S2303	Work Status in the Past 12 Months
S2401	Occupation by Sex and Median Earnings in the Past 12 Months (in <year> Inflation-Adjusted Dollars) for the Civilian Employed Population 16 Years and Over
S2402	Occupation by Sex and Median Earnings in the Past 12 Months (in <year> Inflation-Adjusted Dollars) for Full-Time, Year-Round Civilian Employed Population 16 Years and Over
S2403	Industry by Sex and Median Earnings in the Past 12 Months (in <year> Inflation-Adjusted Dollars) for the Civilian Employed Population 16 Years and Over
S2404	Industry by Sex and Median Earnings in the Past 12 Months (in <year> Inflation-Adjusted Dollars) for Full-Time, Year-Round Civilian Employed Population 16 Years and Over
S2405	Industry by Occupation for the Civilian Employed Population 16 Years and Over
S2406	Occupation by Class of Worker for the Civilian Employed Population 16 Years and Over
S2407	Industry by Class of Worker for Civilian Employed Population 16 Years and Over

Table No.	Title
S2408	Class of Worker by Sex and Median Earnings in the Past 12 Months (in <year> Inflation-Adjusted Dollars) for the Civilian Employed Population 16 Years and Over
S2501	Occupancy Characteristics
S2502	Demographic Characteristics for Occupied Housing Units
S2503	Financial Characteristics
S2504	Physical Housing Characteristics for Occupied Housing Units
S2505	Physical Housing Characteristics for Vacant Housing Units
S2506	Selected Equipment and Fuels
S2507	Financial Characteristics for Mortgaged Units
S2508	Financial Characteristics for Units Without a Mortgage

Appendix 3. List of 2004 ACS Selected Population Profiles (8)
The highlighted table was released in August 2005. The remainder will be released in November 2005.

Table No.	Title
S0102	Population 60 Years and Over
S0103	Population 65 Years and Over
S0602	Selected Characteristics of the Native and Foreign-Born Populations
S0803	Workers 16 Years and Over
S0901	Children Characteristics
S0902	Teenagers' Characteristics
S1001	Grandchildren Characteristics
S1703	Selected Characteristics of People at Specified Levels of Poverty in the Past 12 Months

Appendix 4. 2004 ACS Iterated Selected Population Profile (1)

S 0201. Race and Ethnic Groups Iterated Table ---Population Groups: (many groups to choose from)