

What is the American Community Survey?



Replacement of the Long Form

Continuous Survey Methodology

Conducted Monthly

According to the Census Bureau The ACS is...

A large, continuous demographic survey

- Produces annual and multi-year estimates of the *characteristics* of the population and housing
- Produces *characteristics*, not a population count
- Produces information for small areas including tracts, block groups and population subgroups - updated every year
- Key component of reengineered 2010 census

ACS Facts

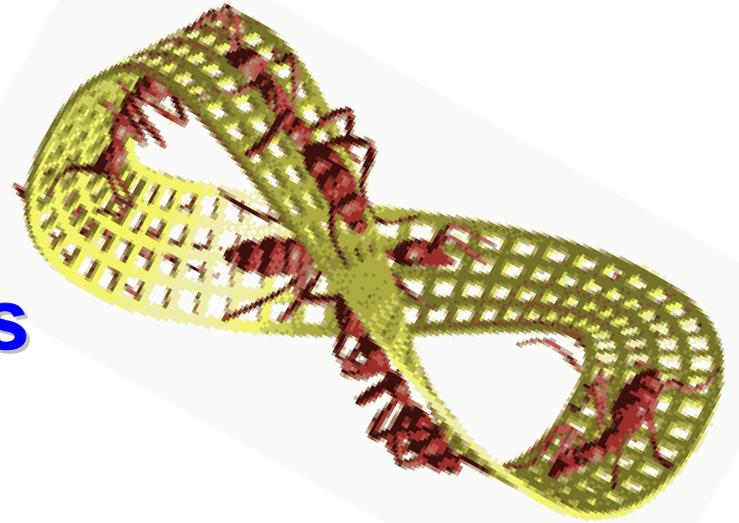
**250,000 Households
sampled per month**

About 1 in 40

Households sampled per year

**Same transportation questions
as 2000 Long Form**

**Decennial Long Form is History, Kaput, Nada,
Defunct, Gone!**



But why change and have an ACS?



Eliminate the Census Long Form for 2010 and thereafter

Eliminate the peak in Congressional funding

Eliminate the peak in hiring and training Census takers

How does the ACS work?



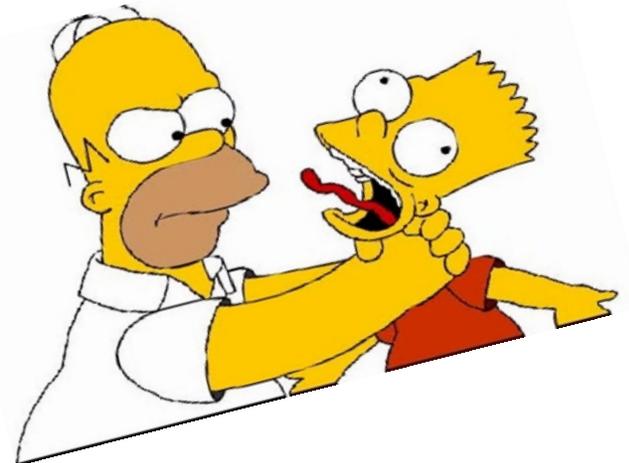
Three Methods of Data Collection

1. Mail *Self-administered mail-out/mail-back*

2. Telephone *Computer Assisted Telephone Interviewing (CATI)*

3. Personal Visits

Computer Assisted Personal Interviewing (CAPI) 1:3



When will it start?

It already has



ACS Test Sites

1996	4 Counties
1997	8 Counties
1998	9 Counties
1999	36 Counties
2000	36 Counties
2001	36 Counties
2002	
2003	
2004	

Supplemental Survey

1,203 Counties

2005	All 3,141 counties (no group quarters)
2006	All 3,141 counties (with group quarters)
2007	All 3,141 counties (with group quarters)
2008	All 3,141 counties (with group quarters)
2009	All 3,141 counties (proposed w/group quarters)

Data Release Timeline

Data Type	Population Size of Area	Data for the Previous Year Released in:						
		2006	2007	2008	2009	2010	2011	2012+
Annual	65,000+							
3-year Period	20,000+							
5-year Period	Tract and Block Group							



Census Bureau Data Release Schedule for Standard Products by Federal Fiscal Year

	Standard Data Releases			
	1 Year > 65K	3 Year > 20K	5 Year Blk Group	Decennial
FY 2006 Oct 2005 to Sept 2006	2005 Data August 2006			
FY 2007 Oct 2006 to Sept 2007	2006 Data Aug/Sept 2007			
FY 2008 Oct 2007 to Sept 2008	2007 Data Aug/Sept 2008			
FY 2009 Oct 2008 to Sept 2009	2008 Data Aug/Sept 2009	05-06-07 Data Dec 2008		
FY 2010 Oct 2009 to Sept 2010	2009 Data Aug/Sept 2010	06-07-08 Data Dec 2009		
FY 2011 Oct 2010 to Sept 2011	2010 Data Aug/Sept 2011	07-08-09 Data Dec 2010	05-06-07-07-09 Data Dec 2010	2010 Data April 2011
FY 2012 Oct 2011	2011 Data Aug/Sept 2012	08-09-10 Data	06-07-08-09-10 Data	

**In Aug/Sept
of 2006 you
got 2005 data**

Aug-Dec 2008

Aug-Dec 2010

**Example 1:
Percent Foreign Born Population
Areas with 65,000+ population**

	2005	2006	2007	2008	2009	2010
Single-year estimates	20.0	21.2	23.3	28.6	32.6	35.1
3-year estimates (2005 – 2007)	21.5					
3-year estimates (2006 – 2008)		24.8				
3-year estimates (2007 – 2009)			28.6			
5-year estimates (2005 – 2009)	25.9					
3-year estimates (2008 – 2010)				32.2		
5-year estimates (2006 – 2010)		28.9				

What does this mean?

Users will have to choose which data to use

Population < 20,000

5-year estimates only

Population \geq 20,000 and < 65,000

3-year estimates

5-year estimates

Population \geq 65,000

1-year estimates

3-year estimates

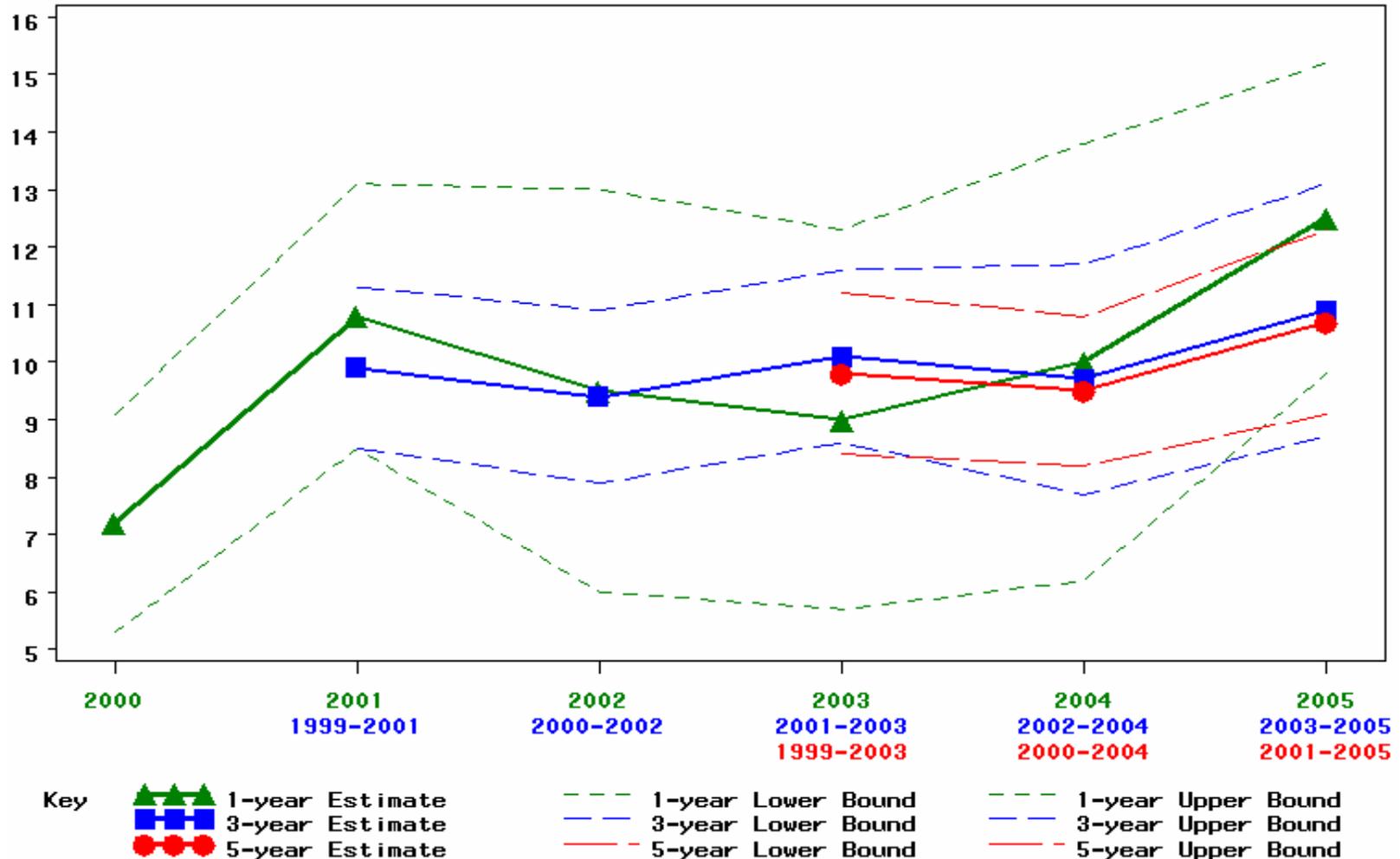
5-year estimates



Is it 1 or 3 or 5?

What does the data look like?

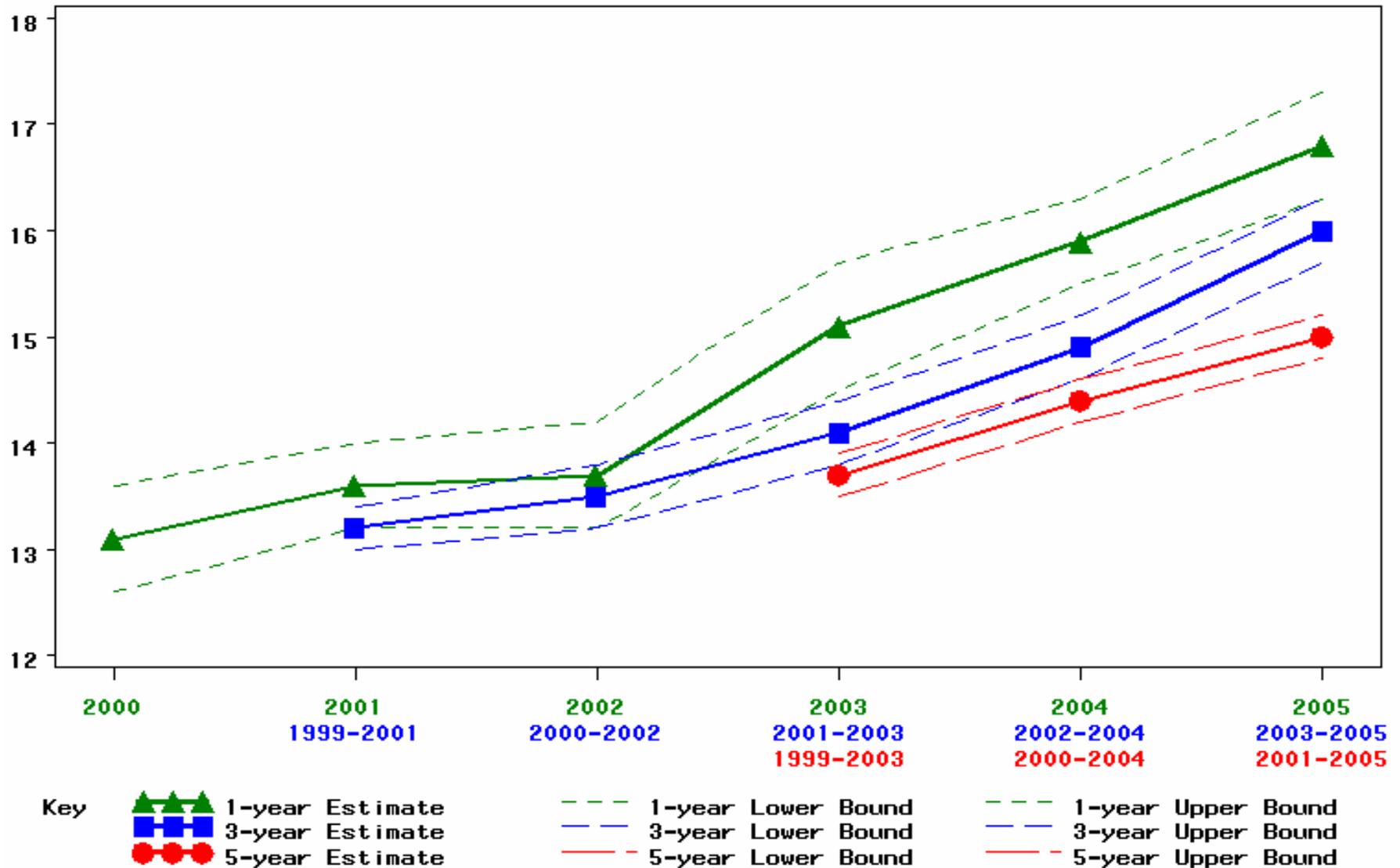
Percent Poverty for Families – Sevier County, TN



Conceptualizing Period Estimates

- 1-year period estimates
 - Reflect each of the 12 months equally
 - All months given equal weight
 - Most current information
- Multi-year estimates (MYE)
 - 3-year represents 36 month period
 - 5-year represents 60 month period
 - All years, months, given equal weight
 - MYEs more reliable but less up-to-date

Percent of Population 5 Years and Older who Speak Spanish at Home - Lake County, IL



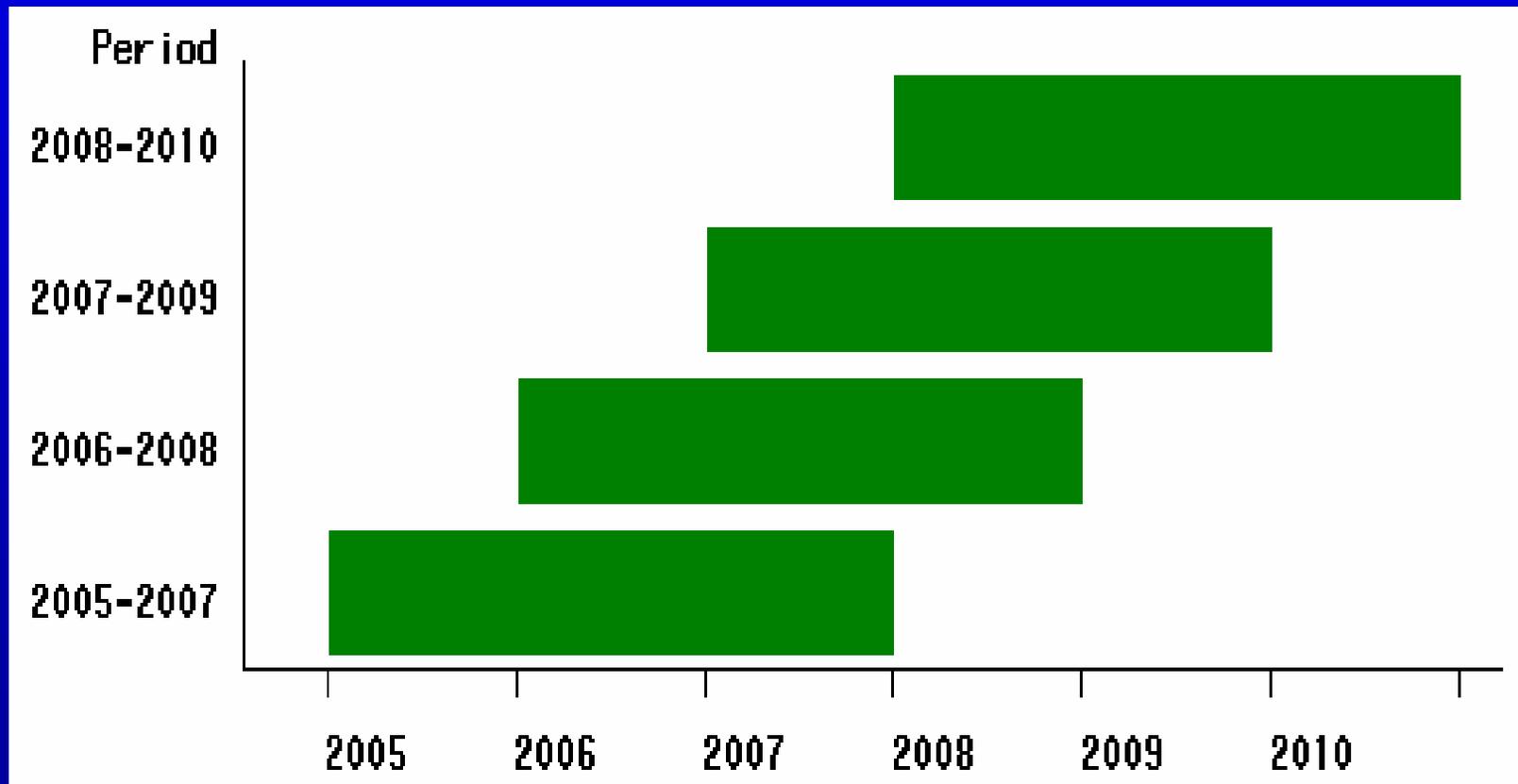
Some other things to know

- ACS reflect most current geographic definition
- No meaningful construct for “average” geographic definition
- Dollar valued data items are inflation adjusted to most recent year of the period

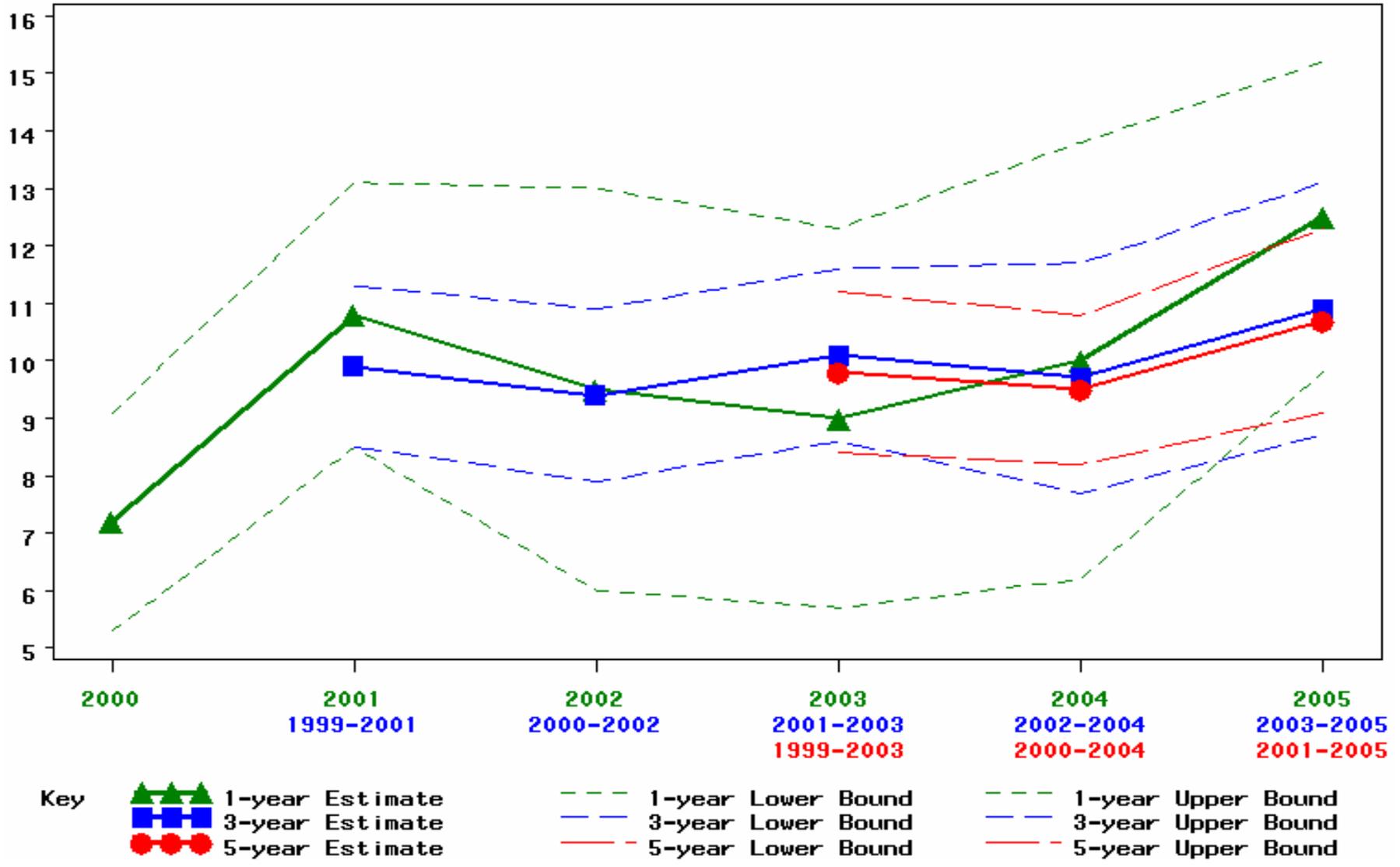
Some Key Concepts for Data Users

- Reliability versus currency: MYEs more reliable - less up-to-date
- Subgroups – caution
- Comparisons over time with MYEs
 - Non-overlapping vs. overlapping periods
- Compare areas over the same time period

Overlapping vs. Non-Overlapping Time Periods



Percent Poverty for Families – Sevier County, TN



Differences between Long Form and ACS

Decennial Census	ACS
Sample: 1 in 6 Hhlds (17% Sample)	Sample: 1 in approx 40 households each year (2.5%/yr 12.5% @ 5 yrs)
Time reference: April 1, 2000 or April 1, 2010 (Last Week)	Time reference: Continuous including all 12 months
One time data collection every 10 years	Requires accumulation over multiple years for small area reporting

Some Emerging Issues

People might be counted twice, e.g. once at summer cabin and once at a “permanent home”. Or once at university and once at parent’s home.

Areas with seasonal populations, e.g. due to “snow bird” migration, and due to school enrollments, with housing occupancy that varies from 95% to 40% might show up as 80%.

Mail back rates from Minority populations are significantly lower

Source: C2SS test

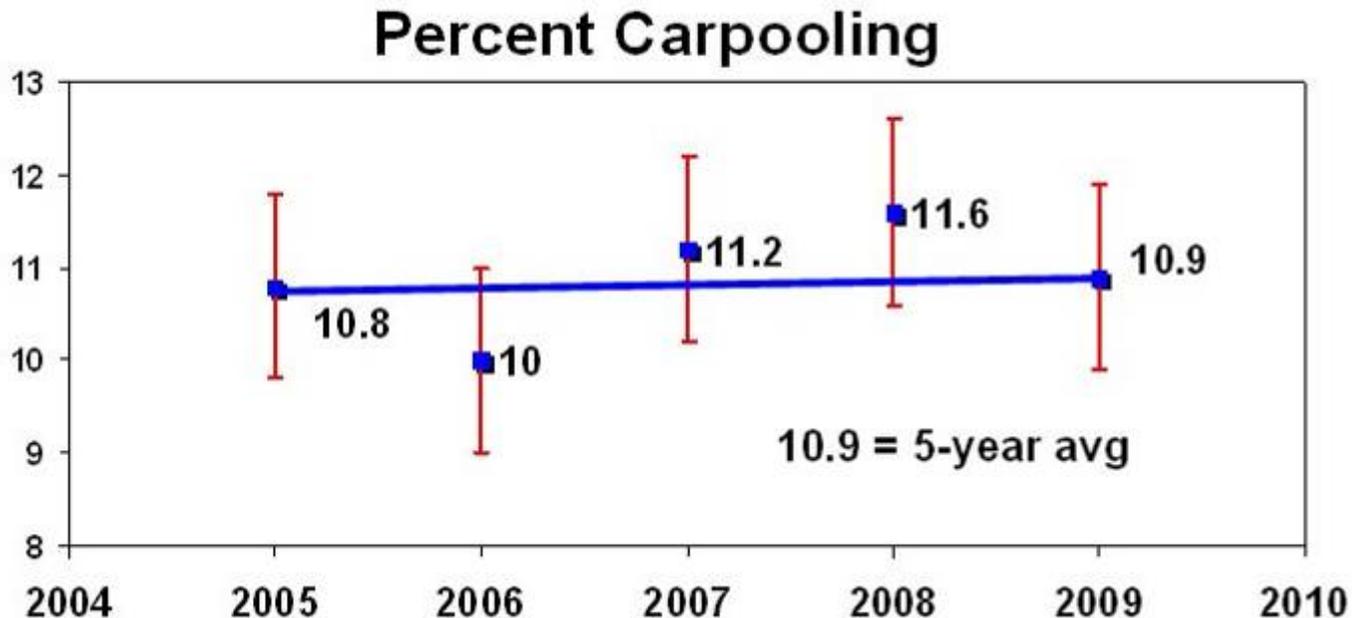
Tracts with 75% or more of a population reporting...	% of mail-backs
White	60.5%
African American	34.9%
American Indian/Alaska Native	16.6%
Asian	58.6%
Hispanic	34.2%

Different Non Response Follow-up rates based on mail back returns

- **That is, in areas with low mail-back returns, a higher NRFU rate will be implemented**
- **Thus, standard errors will be more consistent across neighborhoods**

Understanding Sample Error

Sample Error is larger because the number of census forms collected each year are smaller. Changes of plus or minus 2% may be due to **Sample Error** and do not reflect measurable change.



Comparing ACS directly to 2000 Data can be iffy

MODE to WORK People who work in Orange County Florida	2000			2005 ACS			Is Change Statistically Significant?
	Includes GQ pop		MOE (%)	Does not include GQ Pop			
	Number	Percent		Number	Percent	MOE (%)	
Total Workers	551,930	100.0	NA	626,569	100.0	NA	NA
Drove alone	448,090	81.2	0.3	511,059	81.6	1.2	No
2-person carpool	53,645	9.7	0.2	49,829	8.0	0.7	Yes
3-person carpool	8,655	1.6	0.1	10,909	1.7	0.4	No
4-or-more-person carpool	5,475	1.0	0.1	8,992	1.4	0.6	No
Public Transportation	10,945	2.0	0.1	12,879	2.1	0.4	No
Walked	6,145	1.1	0.1	7,696	1.2	0.3	No
Taxicab, motorcycle, bike or other	7,800	1.4	0.1	9,530	1.5	0.3	No
Worked at home	11,180	2.0	0.1	15,675	2.5	0.4	Yes

Statistical Significance Tests

Standard Error = Margin of Error / 1.65

$$Z = \frac{A - B}{\sqrt{(SE(A))^2 + (SE(B))^2}}$$

90%
Confidence



But what about MOEs for 2000 data?

Summary File 3

2000 Census of Population and Housing

2000

Issued April 2008

SF3/17 (REV)

Technical Documentation

Chapter 8: Accuracy of the Data

Estimate Standard Errors

Adjust for Survey Design
Factors - Table C

$$SE(\hat{Y}) = \sqrt{SE^2_1 - \frac{\hat{Y}^2}{N}}$$

N - Size of publication area
 \hat{Y} - Estimate of characters

<http://www.census.gov/prod/cen2000/doc/sf3.pdf>

American Community Survey (ACS)



[ACS Main](#) | [About the ACS](#) | [Access Data](#) | [How to Use the Data](#) | [About the Data](#) | [Site Map](#) | [Search ACS](#)

[Census](#) > [ACS Main](#) > [How to Use the Data](#) > [Comparing ACS Data to Other Sources](#)

How to Use the Data: Comparing ACS Data to Other Sources

Available in this Section

[How to Use the Data Main](#)

[ACS and Intercensal Population](#)

The Census Bureau encourages users to compare ACS data with data from Census 2000 and previous ACS releases. Guidance is needed before drawing conclusions because in some instances comparisons could be misleading due to differences in geography, universe, table selection, and other factors. The following three forms of guidance - general guidance, comparisons of differing time periods, user

- [Live CAT Demo](#)
- [Geography/Universe/Table Selection](#)

The American Community Survey

- [Overview](#)
- [Data issues](#)

[CTPP in the future](#)

[Other Data Sources](#) (VMT, LEHD, NHTS)



- [Questionnaires: '05 to '07](#)
- [Design/Methodology](#) (423 pps)
- [Census Users Guide](#)
- [Statistical Testing](#)
- [Statistical Testing and Formula Short Cuts](#)

For Help with Significance Testing See



Things to consider when trying to compare ACS directly to Decennial data

Seasonality 12 months instead of "April 1" (different jobs and workers, especially in summer)

Group Quarters currently not in 2005 ACS

Non-response follow-up differences

Data collection period ACS is very long, compared to very short in decennial

Sample Sizes and MOEs ACS is about 1 in 40 households compared to about 1 in 6

Big dates



August 26, 2008

Annual release of 2007 ACS data on income, earnings and poverty for areas over 65,000 people

September 23, 2008

Annual release of 2007 ACS data on social, economic (transportation), demographic and housing characteristics; special population profiles; and Public Use Microdata Sample data for areas over 65,000 people

December 9, 2008

First 3-year set of tables for 20,000+ pop areas. Period estimates for 2005-06-07

Where do I get ACS?

ABOUT THE DATA

DATA SETS

- Decennial Census
- **American Community Survey**
- Puerto Rico Community Survey
- Annual Population Estimates
- Economic Census
- Annual Economic Surveys

DOWNLOAD CENTER

MAPS

TOOLS AND REFERENCES

equivalent of the American Community Survey for Puerto Rico.
[more...](#)

[Errata Notes](#)

- [Public Use Microdata Sample \(PUMS\)](#) - download data and view documentation
- [Download Center](#)
- [Download 1996-1999 data via FTP](#)

 [Explain Table and Map Formats](#)

2005

2005 American Community Survey

Includes results from both the American Community Survey and the Puerto Rico Community Survey. The 2005 data products include estimates of demographic, social, and economic characteristics of people, households and housing units (both occupied and vacant) for every state in the Nation, Puerto Rico, and most areas with a population of 65,000 or more.

[2005 Quick Guide](#) | [Important Notes About Using the Data](#)

Select from the following:

- [Data Profiles](#)
- [Selected Population Profiles](#)
- [Ranking Tables](#)
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- [Detailed Tables](#)
- [Geographic Comparison Tables](#)
- [Thematic Maps](#)
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[Custom Table](#)

- [Enter a table number](#)
- [List all tables](#)
- [List all maps](#)
- [Download PUMS data](#)

[About this data set](#)

2004

2004 American Community Survey

The 2004 data products include estimates of demographic and economic characteristics of people, households and housing units (both occupied and vacant) for every state in the Nation, most areas with a population of 250,000 or more, and selected areas of 65,000 or more.

[2004 Quick Guide](#) | [Important Notes About Using the Data](#)

FactFinder

There is a lot here

DATA SETS	Errata Notes	<ul style="list-style-type: none">• Download Center• Download 1996-1999 data via FTP
<ul style="list-style-type: none">• Decennial Census• American Community Survey• Puerto Rico Community Survey• Annual Population Estimates• Economic Census• Annual Economic Surveys		i Explain Table and Map Formats
DOWNLOAD CENTER	2005	<p><input checked="" type="radio"/> 2005 American Community Survey</p> <p>Includes results from both the American Community Survey and the Puerto Rico Community Survey. The 2005 data products include estimates of demographic, social, and economic characteristics of people, households and housing units (both occupied and vacant) for every state in the Nation, Puerto Rico, and most areas with a population of 65,000 or more.</p> <p>2005 Quick Guide Important Notes About Using the Data</p>
MAPS	2004	<p><input type="radio"/> 2004 American Community Survey</p> <p>The 2004 data products include estimates of demographic and economic characteristics of people, households and housing units (both occupied and vacant) for every state in the Nation, most areas with a population of 250,000 or more, and selected areas of 65,000 or more.</p> <p>2004 Quick Guide Important Notes About Using the Data</p>
TOOLS AND REFERENCES		<p>Select from the following:</p> <ul style="list-style-type: none">Data ProfilesSelected Population ProfilesRanking TablesSubject TablesDetailed TablesGeographic Comparison TablesThematic MapsReference MapsCustom TableEnter a table numberList all tablesList all mapsDownload PUMS dataAbout this data set

Even built in significance tests

R1202 [Percent of Women Who Never Married](#)

R1203 [Ratio of Unmarried Men 15 to 44 Years per 100 Unmarried Women 15 to 44 Years](#)

Transportation

R0801 [Mean Travel Time to Work](#)

R0802 [Percent of Workers Who Traveled to Work by Car, Truck, or Van Alone](#)

R0803 [Percent of Workers Who Traveled to Work by Carpool](#)

R0804 [Percent of Workers Who Traveled to Work by Public Transportation](#)

R0805 [Percent of Workers Who Worked Outside County of Residence](#)

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View this table...

► [for states](#)

► [from 2005](#)

from [2004](#)

from [2003](#)

from [2002](#)

[with statistical significance](#)

View...

as a [chart](#)

Other tables...

[Select another ranking table](#)

• [Subject Definitions](#)

• [Quality Measures](#)



United States and States

R0801. Mean Travel Time to Work of Workers 16 Years and Over Who Did Not Work at Home (Minutes): 2005

Universe: **Workers 16 Years and Over Who Did Not Work at Home** ?

Data Set: **2005 American Community Survey**

Survey: **2005 American Community Survey, 2005 Puerto Rico 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](#).

Rank ↓	State ↓	Average	Margin of Error
1	New York	31.2	+/-0.2
2	Maryland	30.8	+/-0.2
3	New Jersey	29.5	+/-0.3
4	District of Columbia	29.3	+/-0.7
5	Illinois	28.1	+/-0.2
6	Georgia	27.2	+/-0.2
7	California	27.0	+/-0.1
7	Massachusetts	27.0	+/-0.2
7	Virginia	27.0	+/-0.2
10	Florida	26.0	+/-0.2
11	Hawaii	25.7	+/-0.5
	United States	25.1	+/-0.1

Note difference between DC and NJ

View this table...

► for states

► from 2005

from [2004](#)

from [2003](#)

from [2002](#)

[without statistical significance](#)

View...

as a [chart](#)

Other tables...

[Select another ranking table](#)

• [Subject Definitions](#)

• [Quality Measures](#)



United States and States

R0801. Mean Travel Time to Work of Workers 16 Years and Over Who Did Not Work at Home (Minutes): 2005

Universe: Workers 16 Years and Over Who Did Not Work at Home 

Data Set: 2005 American Community Survey

Survey: 2005 American Community Survey, 2005 Puerto Rico Community Survey

Select a state and click 'GO', or click a row of the table to see statistical significance.

District of Columbia 

GO

The presence of a ***** indicates geographies whose estimates are **not** statistically significantly different from the estimate for the selected geography. ****** indicates the selected geography.

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](#).

Rank	State	Average	Margin of Error
1	New York	31.2	+/-0.2
2	Maryland	30.8	+/-0.3
3	* New Jersey	29.5	+/-0.3
4	** District of Columbia	29.3	+/-0.7
5	Illinois	28.1	+/-0.2
6	Georgia	27.2	+/-0.3
7	California	27.0	+/-0.1
7	Massachusetts	27.0	+/-0.2
7	Virginia	27.0	+/-0.2

A place to start mining ACS

ABOUT THE DATA	more...	download data and view documentation <ul style="list-style-type: none">• Download Center• Download 1996-1999 data via FTP
DATA SETS	Errata Notes	
• Decennial Census		
• American Community Survey		
• Puerto Rico Community Survey		
• Annual Population Estimates		
• Economic Census		
• Annual Economic Surveys		
DOWNLOAD CENTER		
MAPS		
TOOLS AND REFERENCES		
2005	2005 American Community Survey <p>Includes results from both the American Community Survey and the Puerto Rico Community Survey. The 2005 data products include estimates of demographic, social, and economic characteristics of people, households and housing units (both occupied and vacant) for every state in the Nation, Puerto Rico, and most areas with a population of 65,000 or more.</p> <p>2005 Quick Guide Important Notes About Using the Data</p>	i Explain Table and Map Formats Select from the following: <ul style="list-style-type: none">Data ProfilesSelected Population ProfilesRanking TablesSubject TablesDetailed TablesGeographic Comparison TablesThematic MapsReference MapsCustom TableEnter a table numberList all tablesList all mapsDownload PUMS dataAbout this data set
2004	2004 American Community Survey <p>The 2004 data products include estimates of demographic and economic characteristics of people, households and housing units (both occupied and vacant) for every state in the Nation, most areas with a population of 250,000 or more, and selected areas of 65,000 or more.</p> <p>2004 Quick Guide Important Notes About Using the Data</p>	

Go to Detailed Tables

Check out all the Tabs



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Select Geography

You are here: [Main](#) ▶ [Data Sets](#) ▶ [Data Sets with Detailed Tables](#) ▶ **Geography** ▶ Tables ▶ Results
2005 American Community Survey, Detailed Tables

■ Choose a selection method

[list](#) [name search](#) [address search](#) [map](#) [geo within geo](#)

[i Explain Census Geography](#)

■ Select a [geographic type](#)

Nation

■ Select one or more geographic areas and click 'Add'

United States



[Explain Missing Geographies](#)

Add

Pick Your Geography

The screenshot shows a web browser window with a search bar and a navigation menu. A dropdown menu is open, listing various geographic levels. The 'Place' option is highlighted. Below the dropdown, there is a 'Select a state' dropdown menu and a section for selecting geographic areas.

Home Search Bookmarks

Nation
Region
Division
State
..... County
..... County Subdivision
..... **Place**
..... Congressional District - 109th
..... School District, Elementary
..... School District, Secondary
..... School District, Unified
..... Public Use Microdata Area
..... American Indian Area/Alaska Native Area/Hawaiian Home Land
..... Combined Statistical Area
..... Metropolitan Statistical Area/Micropolitan Statistical Area
..... Principal City
..... Metropolitan Division
..... Combined New England City and Town Area
..... New England City and Town Area
..... Principal City
..... Place

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geography ▶ Tables ▶ Results

within geo

Select a state
--select a state--

Select one or more geographic areas and click 'Add'

State . . .

Select Geography

You are here: [Main](#) ▶ [Data Sets](#) ▶ [Data Sets with Detailed Tables](#) ▶ **Geography** ▶ Tables ▶ Results
2005 American Community Survey, Detailed Tables

■ Choose a selection method

list

name search

address search

map

geo within geo

[i Explain Census Geography](#)

■ Select a [geographic type](#)

..... Place

■ Select a state

Florida

■ Select one or more geographic areas and click 'Add'

- All Places
- Boca Raton city
- Boynton Beach city
- Brandon CDP
- Cape Coral city
- Clearwater city
- Coral Springs city
- Davie town

[Explain Missing Geographies](#)

Map It

Add ▼

Places . . .

■ Select a [geographic type](#)

..... Place

■ Select a state

Florida

■ Select one or more geographic areas and click 'Add'

Miramar city
Orlando city
Palm Bay city
Pembroke Pines city
Plantation city
Pompano Beach city
Port St. Lucie city
Spring Hill CDP

[Explain Missing Geographies](#)

Map It

Add ▼

Current geography selections:

===== Place =====
Fort Lauderdale city, Florida
Miami city, Florida
Orlando city, Florida
Port St. Lucie city, Florida

Download data for more than 7,000 geographic areas using the [Download Center](#).

Remove

Next ►

Then Tables . . .

Select Tables

You are here: [Main](#) ▶ [Data Sets](#) ▶ [Data Sets with Detailed Tables](#) ▶ [Geography](#) ▶ **Tables** ▶ Results
2005 American Community Survey, Detailed Tables

- Choose a table selection method

by subject

by keyword

show all tables

- Select one or more tables and click 'Add'

 [explain table numbers](#)

B01001. Sex by Age
B01001A. Sex by Age (White Alone)
B01001B. Sex by Age (Black or African American Alone)
B01001C. Sex by Age (American Indian and Alaska Native Alone)
B01001D. Sex by Age (Asian Alone)
B01001E. Sex by Age (Native Hawaiian and Other Pacific Islander Alone)
B01001F. Sex by Age (Some Other Race Alone)
B01001G. Sex by Age (Two or More Races)
B01001H. Sex by Age (White Alone, Not Hispanic or Latino)
B01001I. Sex by Age (Hispanic or Latino)

Abbrev
Black -
AIAN -
NHPI -
SOR - S

Wha

Add ▼

Note the Tabs



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Select Tables

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- Choose a table selection method

by subject

by keyword

show all tables

- Enter a keyword and click 'Search'

Search

[Search Tips](#)

- Select one or more tables and click 'Add'

Abbreviations:

Black - Black or African American

AIAN - American Indian and Alaska Native

NHPI - Native Hawaiian and Other Pacific Islander

SOR - Some Other Race

What's this?

Add ▼

Keyword Search



U.S. Census Bureau

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- Choose a table selection method

[by subject](#)

[by keyword](#)

[show all tables](#)

- Enter a keyword and click 'Search'

[Search](#)

[i Search Tips](#)

- Select one or more tables and click 'Add'

[i explain table numbers](#)

B08006. Sex of Workers by Means of Transportation
[C08006. Sex of Workers by Means of Transportation](#)
B08015. Aggregate Number of Vehicles (Car, Truck, or Van) Used in Commuting by Workers 16 Years and Over by Sex
B08101. Means of Transportation to Work by Age
[C08101. Means of Transportation to Work by Age](#)
B08103. Median Age by Means of Transportation to Work
B08105A. Means of Transportation to Work (White Alone)
B08105B. Means of Transportation to Work (Black or African American Alone)

Abbreviat
Black - Bla
AIAN - Am
NHPI - Nati
SOR - Sorr

[What's](#)

“B” and “C” Tables

- Enter a keyword and click 'Search'

[Search Tips](#)

- Select one or more tables and click 'Add'

[explain table numbers](#)

B08006. Sex of Workers by Means of Transportation
C08006. Sex of Workers by Means of Transportation
B08015. Aggregate Number of Vehicles (Car, Truck, or Van) Used in Commuting by Workers 16 Years and Over by Sex
B08101. Means of Transportation to Work by Age
C08101. Means of Transportation to Work by Age
B08103. Median Age by Means of Transportation to Work
B08105A. Means of Transportation to Work (White Alone)
B08105B. Means of Transportation to Work (Black or African American Alone)

Abbreviations:
Black - Black o
AIAN - Americ
NHPI - Native H
SOR - Some O

Current table selections::

B08006. Sex of Workers by Means of Transportation
C08006. Sex of Workers by Means of Transportation

Full Table – PASSED FILTERING

B08006. SEX OF WORKERS BY MEANS OF TRANSPORTATION - Universe: WORKERS 16 YEARS AND OVER

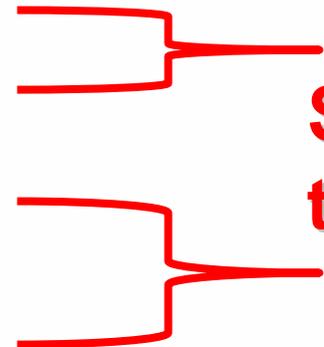
Data Set: [2005 American Community Survey](#)

Survey: 2005 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](#).

	Miami city, Florida	
	Estimate	Margin of Error
Total:	147,817	+/-9,968
Car, truck, or van:	116,943	+/-8,272
Drove alone	97,896	+/-6,536
Carpooled:	19,047	+/-3,800
In 2-person carpool	14,528	+/-3,141
In 3-person carpool	1,342	+/-648
In 4-person carpool	1,299	+/-910
In 5- or 6-person carpool	974	+/-708
In 7-or-more-person carpool	904	+/-1,102
Public transportation (excluding taxicab):	16,034	+/-2,934
Bus or trolley bus	14,875	+/-2,932
Streetcar or trolley car (carro publico in Puerto Rico)	140	+/-164
Subway or elevated	616	+/-365
Railroad	403	+/-411
Ferryboat	0	+/-301
Taxicab	252	+/-338
Motorcycle	529	+/-459

Statistically too Small



Collapsed Table

C08006. SEX OF WORKERS BY MEANS OF TRANSPORTATION - Universe: WORKERS 16 YEARS AND OVER

Data Set: [2005 American Community Survey](#)

Survey: 2005 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](#).

	Fort Lauderdale city, Florida		Miami city, Florida		Orlando city, Florida	
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total:	63,482	+/-4,609	147,817	+/-9,968	105,053	+/-6,830
Car, truck, or van:	53,277	+/-4,036	116,943	+/-8,272	92,890	+/-6,444
Drove alone	46,663	+/-3,592	97,896	+/-6,536	80,266	+/-5,931
Carpooled:	6,614	+/-1,991	19,047	+/-3,800	12,624	+/-3,550
In 2-person carpool	4,929	+/-1,697	14,528	+/-3,141	8,338	+/-1,718
In 3-person carpool	1,016	+/-608	1,342	+/-648	1,934	+/-938
In 4-or-more-person carpool	669	+/-436	3,177	+/-1,651	2,352	+/-2,539
Public transportation (excluding taxicab)	3,846	+/-1,554	16,034	+/-2,934	3,367	+/-921
Bicycle	530	+/-430	783	+/-565	582	+/-467
Walked	1,855	+/-1,158	7,203	+/-1,783	1,831	+/-822
Taxicab, motorcycle, or other means	1,242	+/-625	3,533	+/-1,587	2,024	+/-890
Worked at home	2,732	+/-1,168	3,321	+/-1,212	4,359	+/-1,947
Male:	37,268	+/-3,275	83,044	+/-6,896	55,454	+/-4,164
Car, truck, or van:	30,505	+/-2,730	68,294	+/-6,296	48,915	+/-4,091
Drove alone	26,684	+/-2,543	56,078	+/-4,797	41,260	+/-3,890
Carpooled:	3,821	+/-1,339	12,216	+/-3,309	7,655	+/-3,252
In 2-person carpool	2,664	+/-1,069	8,614	+/-2,699	4,211	+/-1,275



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Data Set: [2005 American Community Survey](#)

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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](#).

	Miami city, Florida	
	Estimate	Margin of Error
Total:	147,817	+/-9,968
Car, truck, or van:	116,943	+/-8,272
Drove alone	97,896	+/-6,536
Carpooled:	19,047	+/-3,800
In 2-person carpool	14,528	+/-3,141
In 3-person carpool	1,342	+/-648
In 4-person carpool	1,299	+/-910
In 5- or 6-person carpool	974	+/-708
In 7-or-more-person carpool	904	+/-1,102

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- Include descriptive data element names

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- Microsoft Excel (.xls)
- Comma delimited (.txt)
- Pipe delimited (.txt)

Options (only applies to database compatible formats)

- Include descriptive data element names

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What I took home

YEARS AND OVER

Data Set: 2005 American Community Survey

Survey: 2005 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.

	Fort Lauderdale city, Florida		Miami city, Florida		Orlando city, Florida	
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CTPP Data Product



ACS CTPP Data Profiles

1. Resident Person Information
2. Resident Household Characteristics
3. Worker/Workplace Data

CTPP Data Product



ACS CTPP Data Profiles

1. 1990 to 2000 Long Form
2. 1990, 2000 and 2005 (ACS)
3. 2000 and 2005-2007 ACS

Resident Person Information for...

CTPP Part 1 Profile 1: Census 2000 and 2005-2007 ACS

Geographic Area: STATE-Alabama

R1. Selected Characteristics	Census 2000		2005-2007 ACS		Is Change Significant?
	Number	MOE(+/-)	Number	MOE(+/-)	
Total Persons ¹					
Persons in Households ²					
Total Households ³					
Average Household Size ⁴					
Average Vehicles per Household ⁵					
Persons in Group Quarters ⁶					
Total Workers ⁷					
Workers at Work ⁸					

Mode to work

Travel Time and Departure Time for work

Mode to work by Travel Time

Mode to work by Average Travel Time

Where are the Profiles?



American Association of State Highway and Transportation Officials

[AASHTO](#)

CENSUS TRANSPORTATION PLANNING PRODUCTS (CTPP)

These profiles are derived from 2005 ACS, Census 2000 and the 1990 Census.

- [2005 TRB Conference Census Data for Transportation Planning](#)
- [2005 Transportation Profiles](#)
- [2000 Place of Residence Profiles](#)
- [2000 Work Profiles](#)
- [CTPP2000 Training Materials](#)

If you have any questions or would like more information, [send us a message](#).

[Back to the US DOT's Census Transportation Planning Package Home Page](#)

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American Association of State Highway and Transportation Officials - CTPP 2000

CTPP Hot Line 202-366-5000
NHTS Information 202-366-5021

**2008 National Household
Travel Survey**
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[Documentation](#)

Data Profiles
Using ACS Data
[AASHTO Profile Website](#)

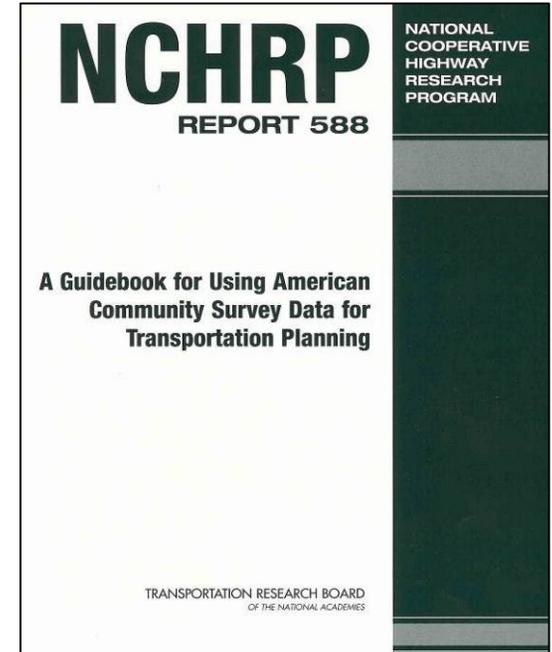
Research Efforts

**Report 588 Using ACS for
Transportation Planning (9/06)**

**08-36(63) Making NAICS Work
for Transportation (March 2007)**

**08-36(71) Disclosure Avoidance Techniques
to Improve ACS Data Availability (10/08)**

**8-36(81) Enhancing the ACS as a Source for
Home-to-Work Flows (5/09)**



www.trb.org/CRP/NCHRP/NCHRPPProjects.asp?AreaID=8

Research Efforts



**Workplace Allocation--
Research and Implementation (\$250K)**

Synthetic Data Research (Various)

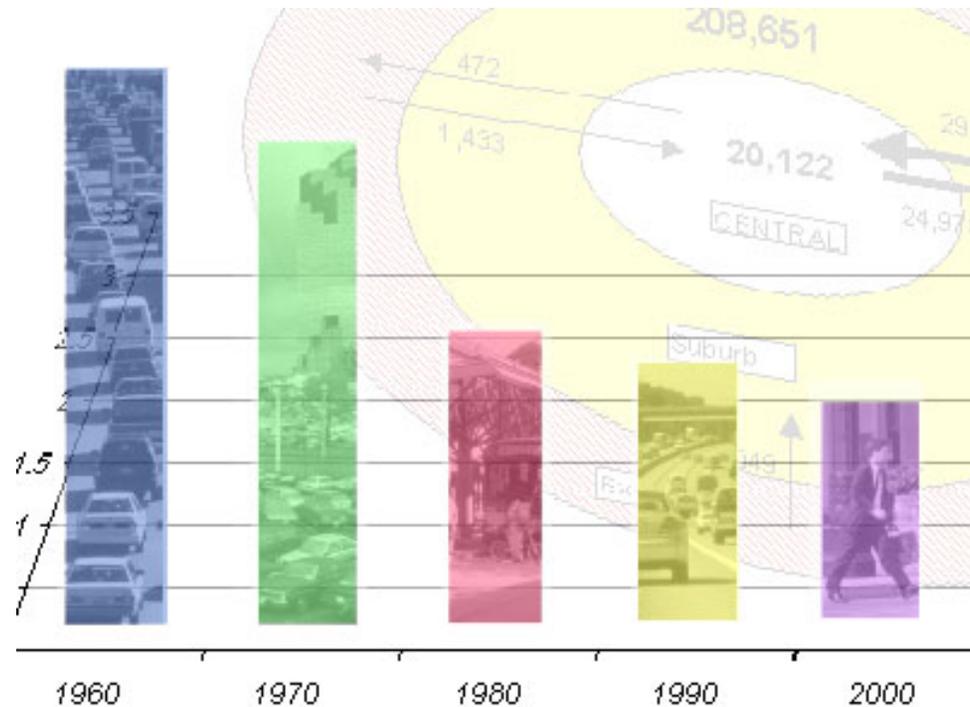
**Examination of the impact of DRB
rules on 5-year tables**

Census Data for Transportation Planning

Preparing for the Future

Irvine, California

May 11-13, 2005



<http://www.trb.org/conferences/censusdata>

On-going concerns about ACS

- **Will the sample be sufficient** for small geographic area reporting? Will tract and BG and TAZ reporting occur after 60 months of data collection?
- **Will Congress continue to fund** the survey continuously, especially if CB asks for increasing budgets to meet the sample size requirements? (or will CB decrease the sample size, resulting in loss of small area tabulation?) Group Quarters

**Now let's go do some
Statistical Significance Testing!**