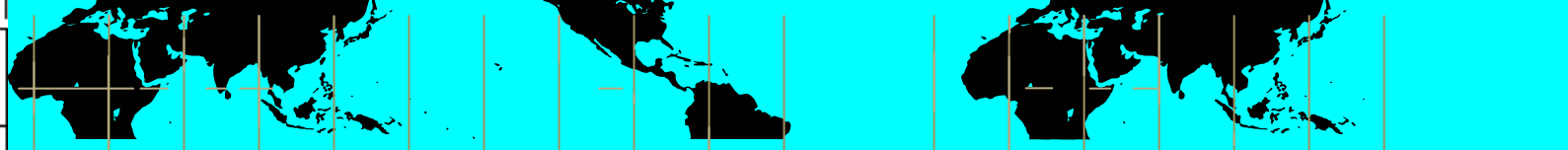


The American Community Survey

**A Critical Change in the Re-engineering of
Census 2010**



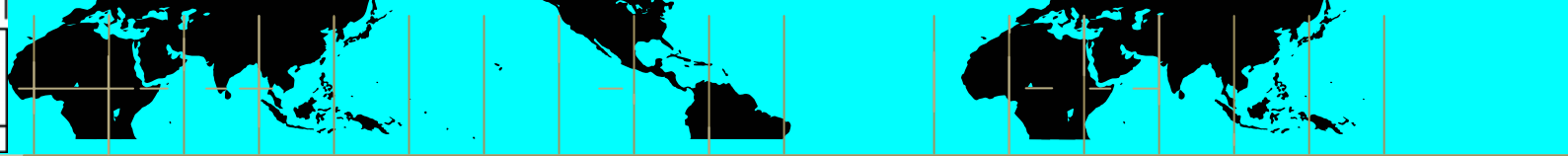
First, a quiz!!

- What is the difference between short form and long form data on the Decennial Census questionnaire?
- How often do you use Census data and American FactFinder?
- Who has heard of, or used, data from ACS?



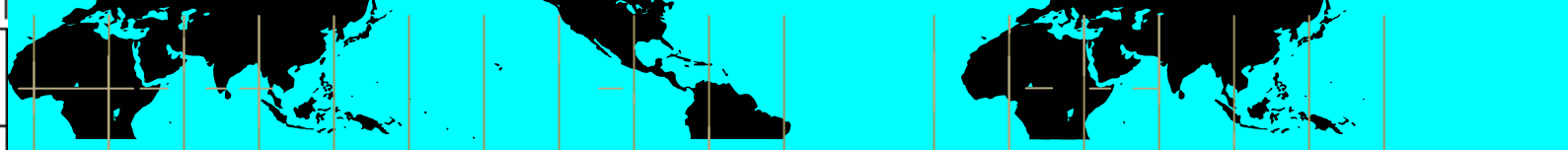
Today's Agenda

- What is the American Community Survey
- Comparing ACS with Decennial Census data
- Methodology
- Types of Data
- Quick Guide to 2005 data release of 2004 data
- Live demonstration
- Questions and hopefully, some answers



What is the ACS

*“The ACS is the first nationwide survey that can be used to monitor **annual trends in local communities** and make valid comparisons among communities in the years **between censuses**”-Population Reference Bureau*



What is the American Community Survey?

- The biggest change in 60 years in conducting the decennial census



What is the American Community Survey?

- 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 re-engineered 2010 census



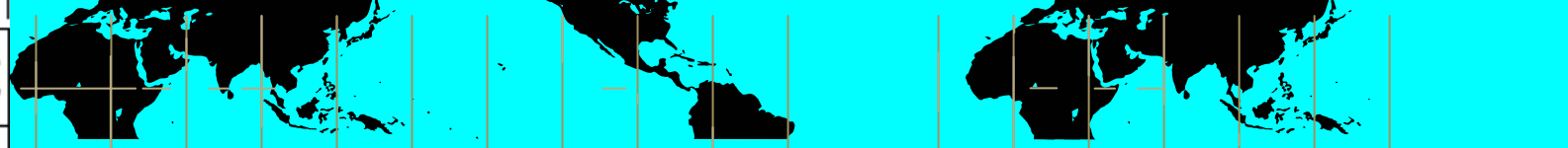
Key Component of Census 2010

- Eliminate the long form*
- Provide improved knowledge of local areas
- Ongoing contact with local governments



When Will ACS Data Be Available?

- Now, for population areas larger than 250,000
- In 2006
 - ACS will provide data for areas with populations greater than 65,000
- In 2010
 - Smaller geographies will be available in five-year moving averages



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*								→

 Data reflect American Community Survey testing through 2004

* Census tracts are small, relatively permanent statistical subdivisions of a county averaging about 4,000 inhabitants. Census block groups generally contain between 600 and 3,000 people. The smallest geographic level for which data will be produced is the block group; the Census Bureau will not publish estimates for small numbers of people or areas if there is a probability that an individual can be identified.



But be careful!

- Current data for ACS does not include data on group quarters population.
 - So keep that in mind if comparing ACS to Decennial Census, long-form data



Decennial Census vs. ACS



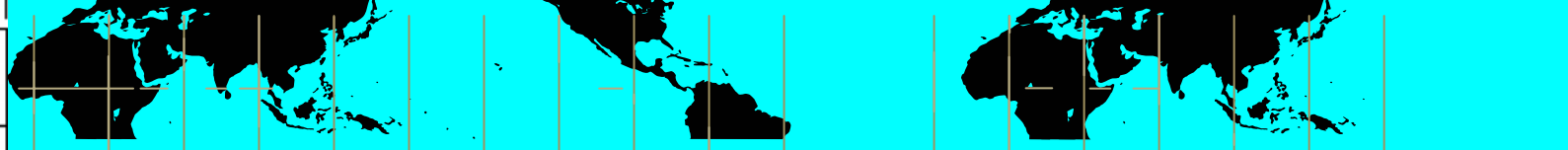
Decennial Census vs. ACS

- Decennial Census will deal with coverage
- ACS will be concerned with content
- ACS sample size will be smaller, primarily due to cost
- ACS data will be supplied with “confidence intervals” which will show the margin of sampling error around the estimates
- Turnaround time on data releases



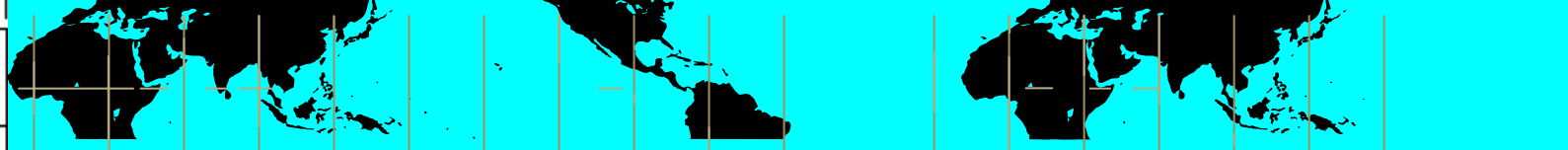
ACS Methodology

- Questionnaire is mailed every month of every year to a random sample of addresses
 - No address will receive a form more than once every 5 years
- 3 phases of data collection
 - Mail-out, mail-back
 - Computer assisted telephone interviewing for non-response
 - Computer assisted personal interviewing of a sample of the remaining unanswered forms



ACS Methodology, continued

- ACS will not accept a proxy response
(Census does)



Reference Period

- The Census uses April 1 as the base for most questions. Some questions use 1999 as a reference year.
- ACS reference varies based on which month the form is mailed.



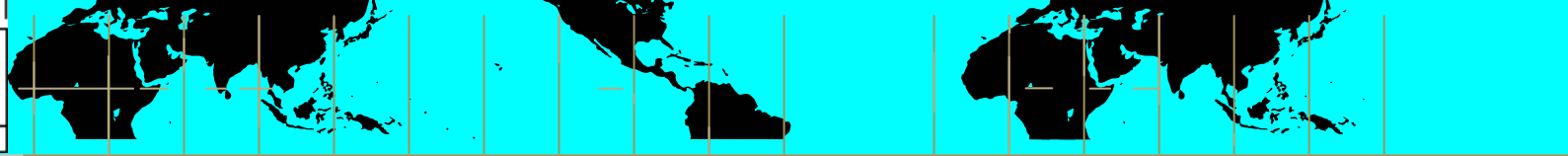
Residency Rules

➤ **Decennial Census**

- Usual place of residence is the standard

➤ **ACS**

- Current residence, based on a two-month rule, with some exceptions



Types of Data

- Summary File 3, long-form type data will be available
 - Educational attainment, poverty, migration, commuter patterns, disability, housing values, income and earnings data



Income

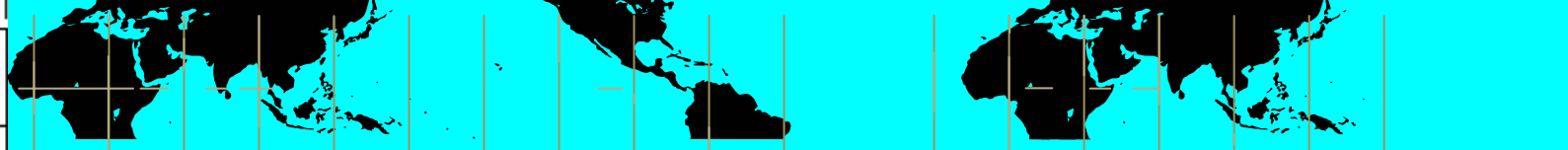
GEO_ID	SUMLEVEL	GEO_NAME	B19013_1_EST	B19013_1_LB	B19013_1_UB
Geography Identifier	Geographic Summary Level	Geography	Universe: HOUSEHOLDS: Median household income in the past 12	Universe: HOUSEHOLDS: Median household income in the past 12	Universe: HOUSEHOLDS: Median household income in the past 12
01000US	010	United States	44,684	44,470	44,898
04000US42	040	Pennsylvania	42,941	42,335	43,547
16000US0644000	160	Los Angeles city, California	40,682	39,460	41,904
16000US1714000	160	Chicago city, Illinois	40,656	38,591	42,721
16000US3651000	160	New York city, New York	41,509	40,780	42,238
16000US4260000	160	Philadelphia city, Pennsylvania	30,631	29,112	32,150
16000US4261000	160	Pittsburgh city, Pennsylvania	31,910	29,232	34,588



Income

- Using a Multi-Year Profile, we can see the trend in Philadelphia

Selected Economic Characteristics	2004 Percent Distribution	2003 Percent Distribution		2002 Percent Distribution		2001 Percent Distribution		2000 Percent Distribution	
Unemployed	14.2	12		11.8	*	9.3	*	10.9	*
Median household income (dollars)	30,631	33,809	*	32,580		32,365		32,362	



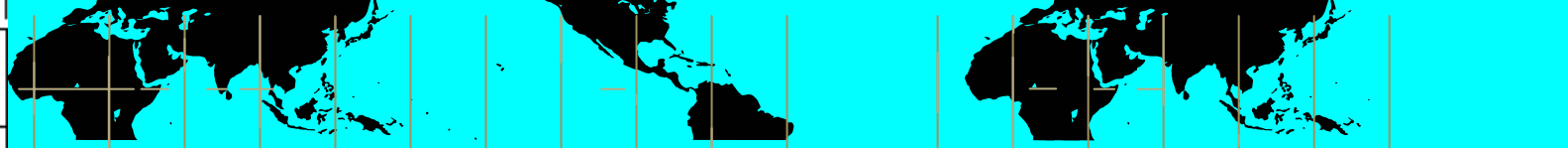
Poverty

Geography	Universe: POPULATION FOR WHOM POVERTY STATUS IS DETERMINED: Total (Estimate)	Universe: POPULATION FOR WHOM POVERTY STATUS IS DETERMINED: Income in the past 12 months below poverty level (Estimate)	Percent of Population in Poverty
United States	284,577,956	37,161,510	13.1
Pennsylvania	11,914,064	1,388,773	11.7
Los Angeles city, California	3,728,806	672,763	18.0
Chicago city, Illinois	2,704,677	571,727	21.1
New York city, New York	7,895,185	1,600,574	20.3
Philadelphia city, Pennsylvania	1,408,588	351,305	24.9
Pittsburgh city, Pennsylvania	295,602	55,638	18.8



Poverty by Race and Ethnicity (2003)

Geography	Hispanic Or Latino Population For Whom Poverty Status Is Determined: Total (Estimate)	Hispanic Or Latino Population For Whom Poverty Status Is Determined: Income in the past 12 months below poverty level (Estimate)	Percent in Poverty
United States	38,980,993	8,543,976	21.9
Pennsylvania	403,356	116,023	28.8
Los Angeles city, California	1,782,810	470,247	26.4
Chicago city, Illinois	741,333	149,352	20.1
New York city, New York	2,235,464	666,213	29.8
Philadelphia city, Pennsylvania	131,431	47,651	36.3



Foreign Born

Geography	Universe: POPULATION BORN OUTSIDE THE UNITED STATES: Entered U.S. 2000 or later; Foreign born (Estimate)
United States	6,281,567
Pennsylvania	106,957
Philadelphia city, Pennsylvania	34,833
Pittsburgh city, Pennsylvania	4,411



Quick Guide to 2004 ACS Using American FactFinder

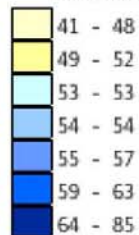


Thematic Maps-NEW for 2004!

- Reveals the geographic pattern in statistical data (national with states, only)
- Subjects correspond to those for Ranking Tables
- Display available to show confidence intervals
- Toggle from a Ranking Table to corresponding Thematic Map

Data Classes

Women/1,000 Women



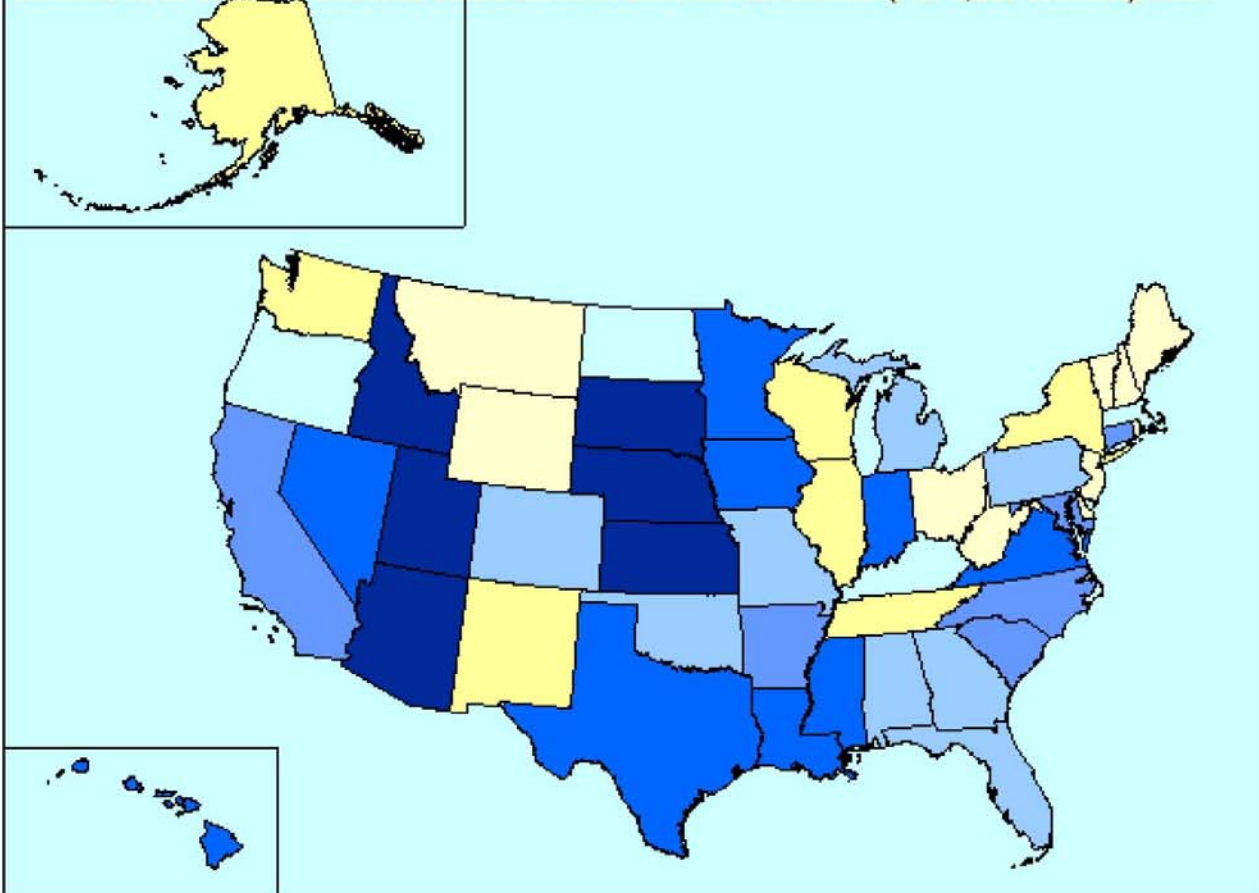
Features

Major Road

Street

Items ingraytext
are not visible
at this zoom level

Women 15 to 50 Years Old Who Had a Birth in the Past 12 Months (Per 1,000 Women): 2004





Subject Tables-New for 2004!

- Provide data on a popular topic from a single geographic area
- Only two tables, national only available now, with more coming
- A table on Median Earnings is in your packet



2004 Data Enhancements

- Multi-Year Profiles
 - Download all 4 profiles for an area in one Excel file
- Custom Table feature now available for 2003 and 2004

http://factfinder.census.gov/servlet/MYPXLPresentationDownloadAll.xls?_lang=en&_showChild=Y&_d - Microsoft Internet Explorer

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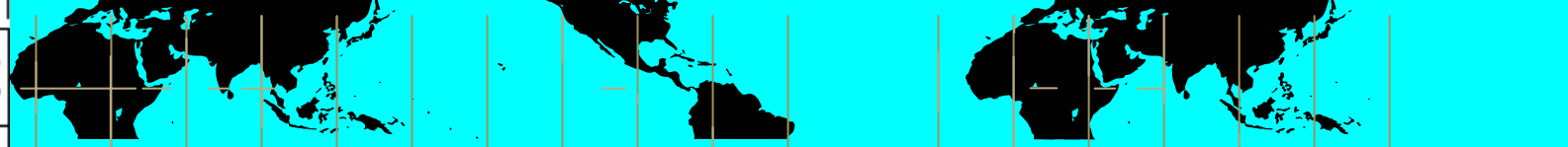
B5

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2	MYP: 2004 Multi-Year Profile													
3	Data Set: 2004 American Community Survey													
4	Geographic Area: Pennsylvania													
5														
6	<p>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.</p> <p>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.</p>													
7														
8														
9	General Demographic Characteristics	2004 Percent Distribution	2003 Percent Distribution		2002 Percent Distribution		2001 Percent Distribution		2000 Percent Distribution					
10	Total population	11,957,883	11,922,023	c	11,897,522	c	11,853,829	c	11,847,753	c				
11	SEX AND AGE													
12	Male	48.2%	48.3%		48.2%		48.2%		48.2%					
13	Female	51.8%	51.7%		51.8%		51.8%		51.8%					
14	Under 5 years	6.0%	5.9% *		6.0%		5.8% *		6.1% *					
15	5 to 9 years	6.3%	6.5% *		6.6% *		6.7% *		6.8% *					
16	10 to 14 years	7.1%	7.0%		7.1%		7.0%		7.4% *					
17	15 to 19 years	6.3%	6.3%		6.4%		6.3%		6.4%					
18	20 to 24 years	6.2%	6.3%		6.1%		6.0% *		5.5% *					
19	25 to 34 years	11.8%	12.2% *		12.1% *		12.5% *		12.7% *					
20	35 to 44 years	15.0%	15.2% *		15.7% *		16.1% *		16.2% *					
21	45 to 54 years	15.5%	15.2% *		14.9% *		15.0% *		14.2% *					
22	55 to 59 years	6.1%	5.9% *		5.7% *		5.4% *		5.1% *					
23	60 to 64 years	4.0%	4.3% *		4.1% *		4.0% *		3.8% *					
24	65 to 69 years	2.8%	3.0% *		2.9% *		2.8% *		2.7% *					
25	70 to 74 years	1.8%	2.0% *		1.9% *		1.8% *		1.7% *					
26	75 to 79 years	1.0%	1.2% *		1.1% *		1.0% *		0.9% *					
27	80 to 84 years	0.5%	0.6% *		0.5% *		0.5% *		0.4% *					
28	85 to 89 years	0.2%	0.3% *		0.2% *		0.2% *		0.2% *					
29	90 to 94 years	0.1%	0.1% *		0.1% *		0.1% *		0.1% *					
30	95 to 99 years	0.0%	0.0% *		0.0% *		0.0% *		0.0% *					
31	100 years and over	0.0%	0.0% *		0.0% *		0.0% *		0.0% *					

Demographic / Social / Economic / Housing /



Types of Data Tables Available



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List all tables

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2004 American Community Survey

Select a table and click Next

==== Data Profiles ====

DP-1. General Demographic Characteristics: 2004
DP-2. Selected Social Characteristics: 2004
DP-3. Selected Economic Characteristics: 2004
DP-4. Selected Housing Characteristics: 2004

Multi-Year Profiles

MYP-1. General Demographic Characteristics: 2004
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MYP-3. Selected Economic Characteristics: 2004
MYP-4. Selected Housing Characteristics: 2004

==== Subject Tables ====

S1703. Selected Characteristics of People at Specified Levels of Poverty in the Past 12 Months
S2002. Median Earnings in the Past 12 Months of Workers by Sex and Women's Earnings as a Percentage of Men's Earnings

==== Ranking Tables ====

R0101. Median Age
R0102. Sex Ratio
R0103. Percent of People Who are 65 Years and Over
R0104. Percent of People Who are 85 Years and Over
R0105. Age Dependency Ratio
R0201. Percent of People Who are White Alone

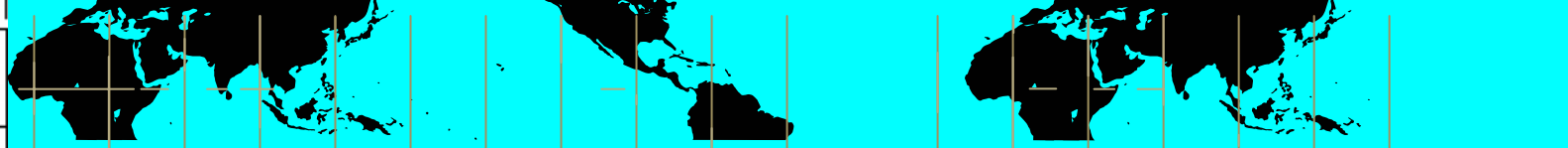
Abbreviations:
Black - Black or African American
AIAN - American Indian and Alaska Native
NHPI - Native Hawaiian and Other Pacific Islander
SOR - Some Other Race

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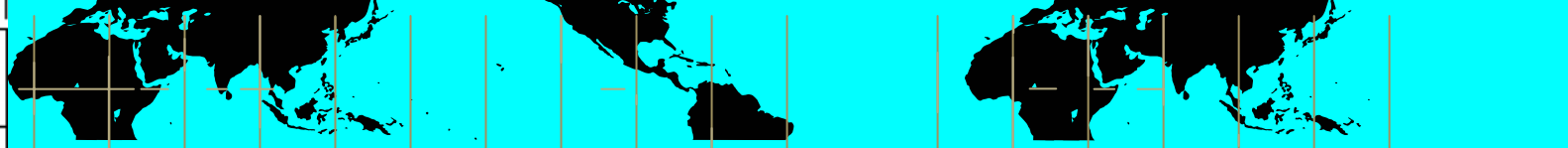
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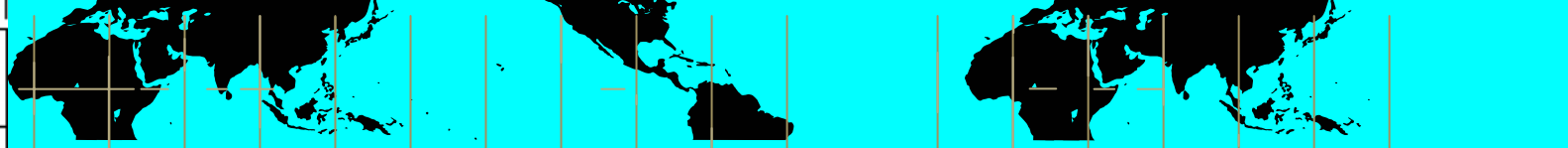
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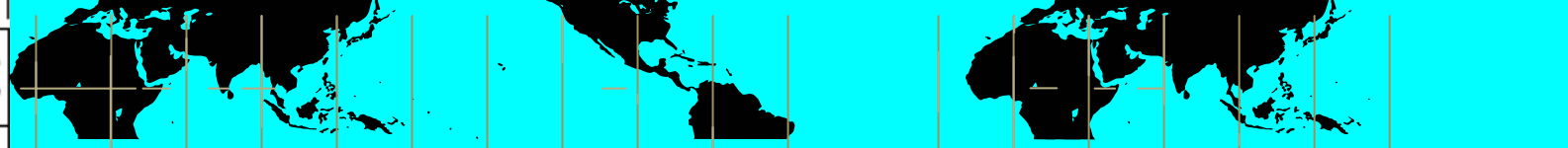
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2004 American Community Survey

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R2514. Median Monthly Housing Costs for Renter-occupied Housing Units
R2515. Percent of Renter-occupied Units Spending 30% or More of Household Income on Rent and Utilities

Detailed Tables

B01001. Sex by Age
B01002. Median Age by Sex
B01003. Total Population
B02001. Race
B02003. Race
B02005. American Indian and Alaska Native Alone With One Tribe Reported For Selected Tribes
B02006. Asian Alone By Selected Groups
B02007. Native Hawaiian and other Pacific Islander Alone By Selected Groups
B02008. White Alone Or In Combination With One Or More Other Races
B02009. Black Or African American Alone Or In Combination With One Or More Other Races
B02010. American Indian And Alaska Native Alone Or In Combination With One Or More Other Races
B02011. Asian Alone Or In Combination With One Or More Other Races
B02012. Native Hawaiian And Other Pacific Islander Alone Or In Combination With One Or More Other Races
B02013. Some Other Race Alone Or In Combination With One Or More Other Races
B03001. Hispanic or Latino by Specific Origin
B03002. Hispanic or Latino by Race
B04001. First Ancestry Reported

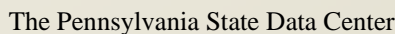
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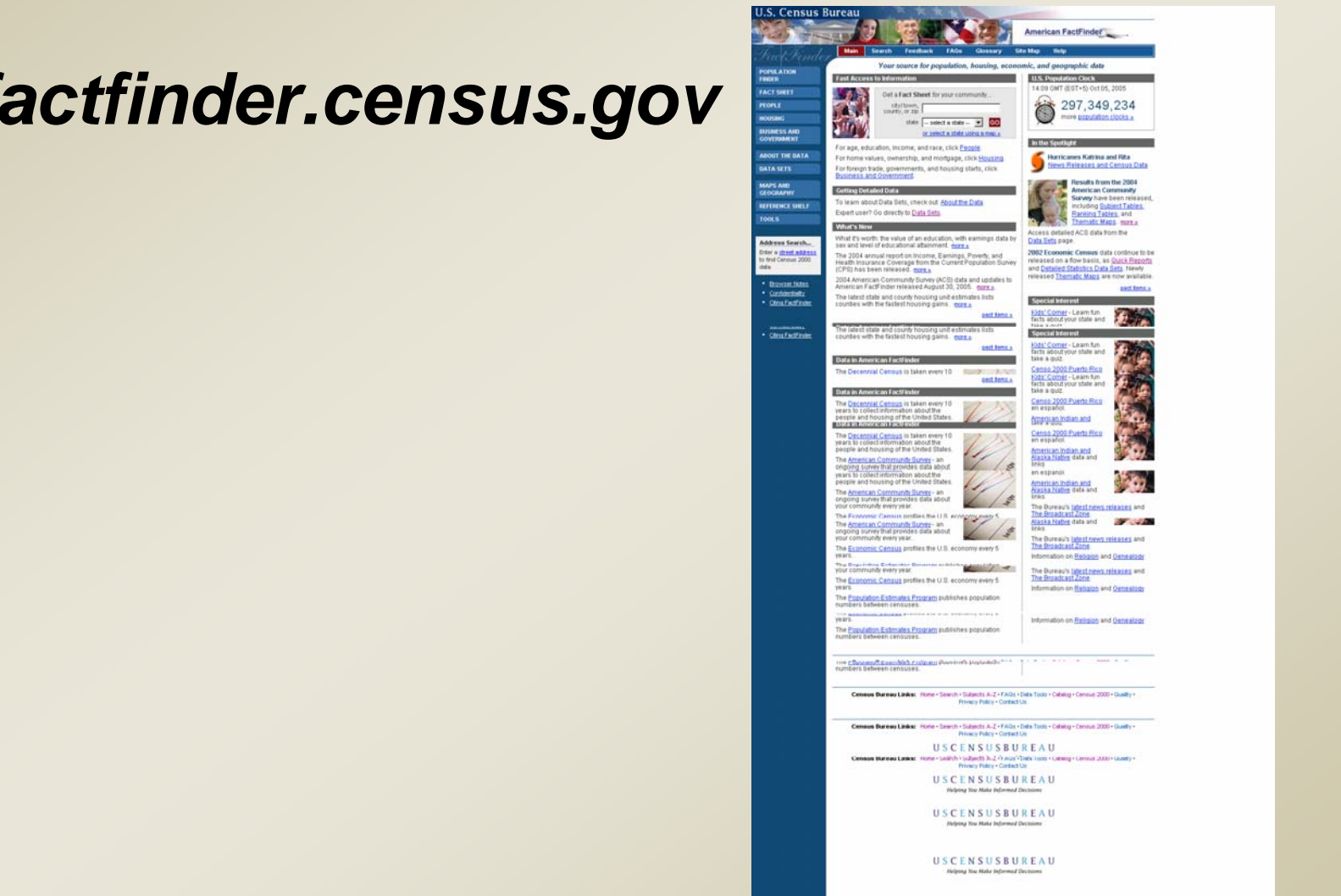
city/town, county, or zip
state

U.S. Population Clock

14:09 GMT (07-07-05) 01:05, 2005

297,349,234

more [population clocks](#)





In Conclusion

- ACS deals with content
- The 2010 Decennial Census will deal with coverage
- Funding is critical to the ACS remaining a major part of the 2010 Census
- In 2006, look for geographies greater than 65,000 in size
- In 2008, look for geographies greater than 20,000



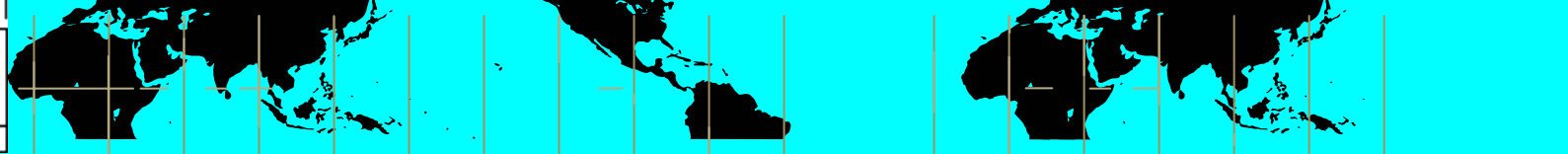
For More Information

- **American Community Survey Web site**
(www.census.gov/acs/www)

- **Call us at: 1-717-948-6336**

- **Subscribe to the *ACS Alert***

- **E-mail us at: PaSDC@psu.edu**



Sources

- U.S. Census Bureau
- The Population Reference Bureau

The American Community Survey

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