Accessing and Using Language Data from the Census Bureau

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Overview

- Language Data Background
- Census 2000 Methodology
- American Community Survey Methodology
- Language-Related Data Products
- Accessing 2005 American Community Survey Data
- Summary

Language Data Background Questions Asked in Census Data Collections

Language Spoken at Home

- Does this person speak a language other than English at home?
- What is this language?

Ability to Speak English

How well does this person speak English?

Language Data Background Questions Asked – ACS Example

0	3	 a. Does this person speak a language other than English at home? Yes No → SKIP to question 14
		b. What is this language?
		For example: Korean, Italian, Spanish, Vietnamese
		c. How well does this person speak English? Very well Well Not well Not at all



Language Data Background Processing of Language Spoken at Home

Language write-ins are coded to about 380 detailed language categories.

We use the standard classification list of 39 categories for detailed language groups

Most tables collapse into the 4 major language groups



Language Data Background Questions Asked – Ability to Speak English

In 1982, the U.S. Census Bureau fielded the English Language Proficiency Survey (ELPS) and concluded that those who spoke English less than "very well" had some difficulty with the tests administered in the ELPS

No study has been conducted to measure the performance of the Census/ACS question on English-speaking ability since the 1982 ELPS

Language Data Background Questions Asked – Ability to Speak English

English-speaking ability represents the person's own perception about his or her English-speaking ability.

The Census Bureau does not define Limited English Proficiency or non-Limited English Proficient populations



Census 2000 Methodology

In Census 2000, a sample of about 1-in-6 households received a "long form" that included these questions

Statistics were produced from this sample for a broad set of geographic areas as small as census tracts and block groups

2010 Census and American Community Survey Methodology

2010 Census focus is on the count and basic demographics (short form only)

The sample data, historically collected on the "long form" in the census, are now collected throughout the decade in the ACS

ACS samples about 3 million addresses each year

American Community Survey Methodology

ACS uses three modes of data collection – mail, phone, and personal visit

Data are collected continuously throughout the year

High levels of quality have been demonstrated

American Community Survey Methodology

5-years of sample are needed to produce estimates comparable to the 2000 Census long form sample products

These estimates will cover same small areas as Census 2000 with slightly smaller sample sizes

American Community Survey Methodology

ACS 5-year estimates are period estimates, describing the average characteristics over this 5-year period

ACS also releases 3-year and 1-year estimates for larger geographic areas with sufficient sample sizes

American Community Survey Methodology

Data	Population	Year of Data Release							
Product	Threshold	2006	2007	2008	2009	2010	2011	2012	2013
1-year									
Estimates	65,000+	2005	2006	2007	2008	2009	2010	2011	2012
3-year				2005-	2006-	2007-	2008-	2009-	2010-
Estimates	20,000+			2007	2008	2009	2010	2011	2012
5-year						2005-	2006-	2007-	2008-
Estimates	All Areas*					2009	2010	2011	2012

^{*}All legal, administrative and statistical geographic areas down to the tract and block group level.

American Community Survey Similarities with Census 2000

Same questions and many of the same basic statistics

Data will be produced for same broad set of geographic areas including census tracts and block groups

American Community Survey Key Differences from Census 2000

Beginning in 2010, data for small geographic areas will be produced every year versus once every 10 years

Data for larger areas are available now or will be available in 2008

American Community Survey Key Differences from Census 2000

2000 data described a point in time (April 1st) while ACS data describe a period of time and require averaging data for 12 months, 36 months, or 60 months

Smaller sample size for 5-year ACS estimates when compared with 2000 sample results in reductions in reliability of estimates — therefore important to consider margins of error

Language-Related Data Products

Products include estimates of the population 5 years and over who speak a language other than English at home, by language spoken

Some tables cross these data by Ability to Speak English

Other tables cross these data by demographics such as age and nativity

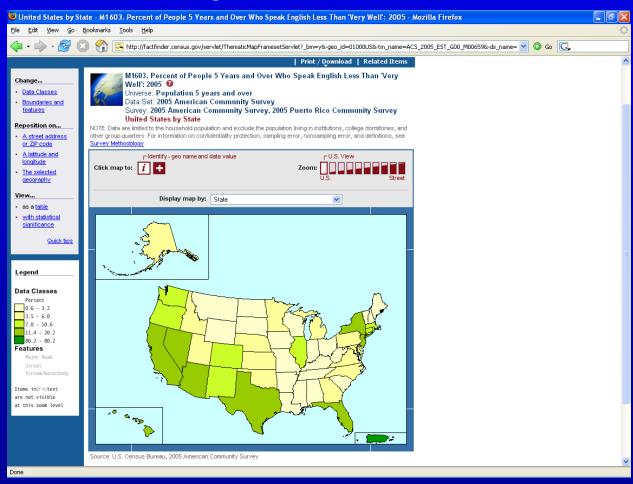
Language-Related Data Products

Variety of estimates and products produced, detail dependent on sample size

1-year, 3-year, and 5-year ACS products will differ in detail

Census 2000 and ACS release detailed tables, thematic maps, and special tabulations

Language-Related Data Products Thematic Map



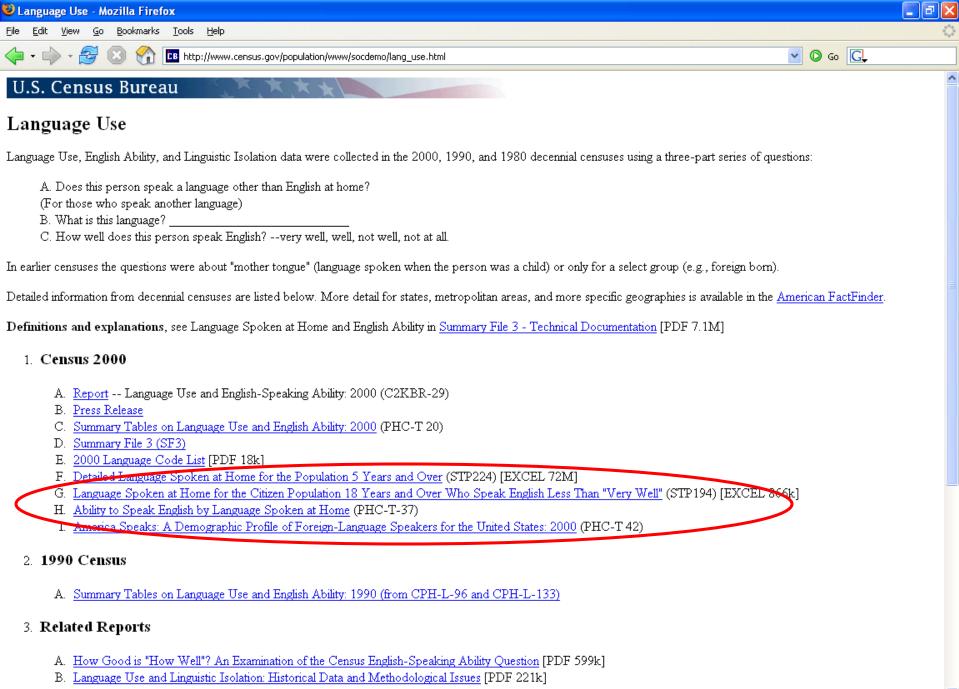
Language-Related Data Products Special Tabulations

Full list of Census 2000 Special Tabulations is available at

http://www.census.gov/mp/www/spectab/specialtab.html

List of Census 2000 Language Use data products, including special tabulations of language data, is available at

http://www.census.gov/population/www/socdemo/lang_use.html



Language-Related Data Products Comparison of ACS and Census 2000 Language Use Tables

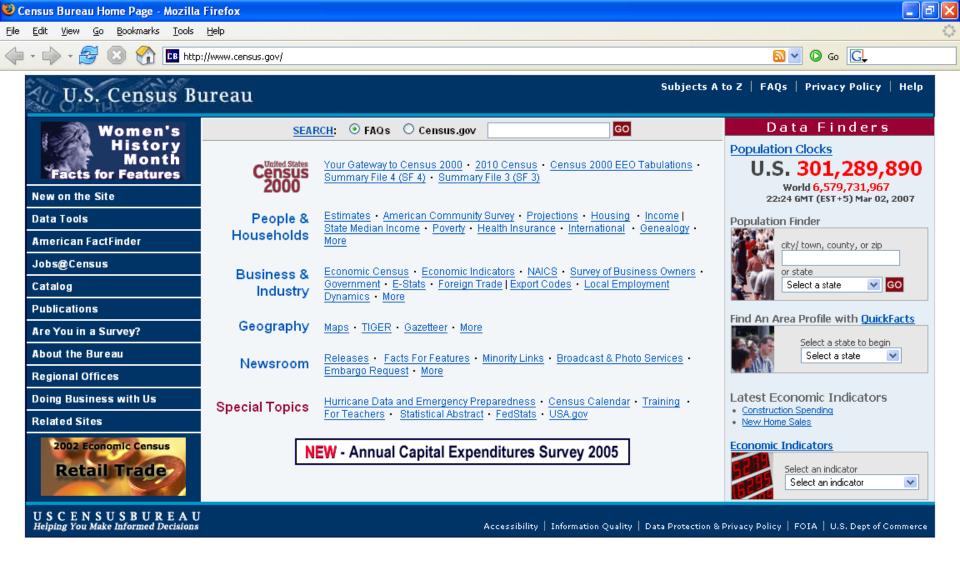
ACS website will provide information to "map" Census 2000 tables to ACS tables

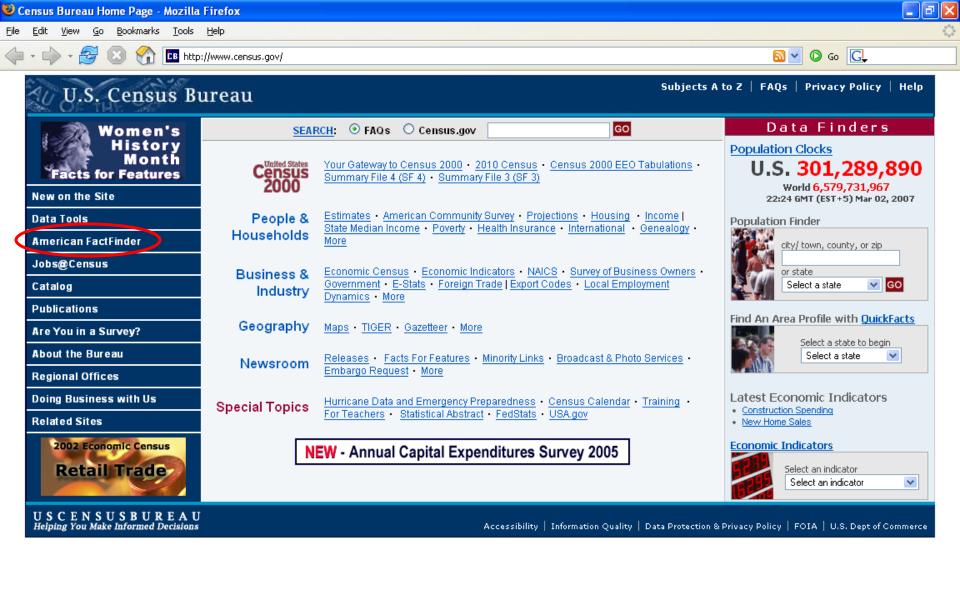
Some Census 2000 tables will not exist for 1-year estimates or will exist in a collapsed format

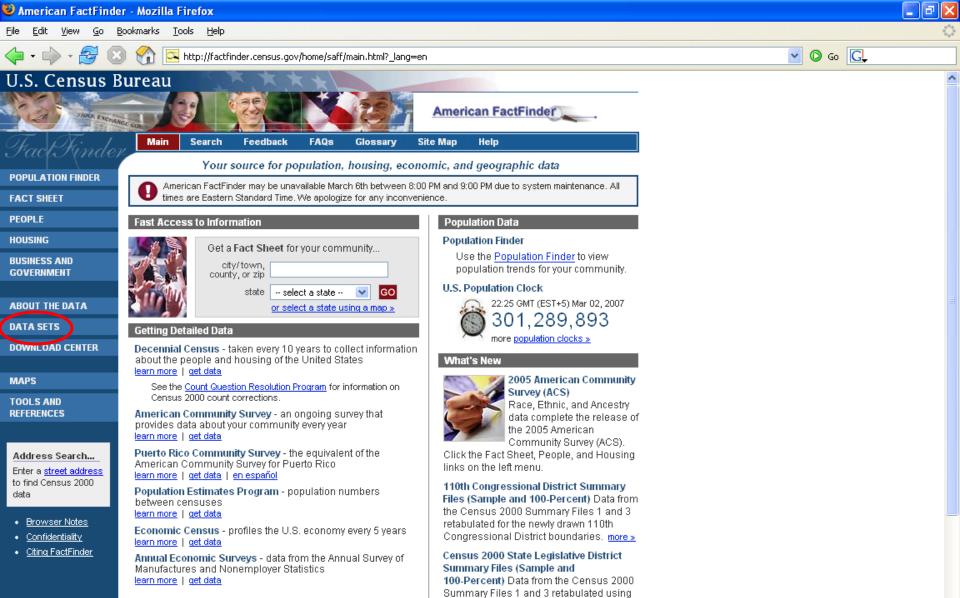
Accessing 2005 ACS Data

The next set of slides will demonstrate how a data user (you) can access the wealth of data available from the American FactFinder (AFF) website.

You can use AFF for Census 2000, the ACS, the Puerto Rico Community Survey, and other surveys.







Special Interest



La Encuesta sobre la Comunidad de Puerto Rico y Censo 2000 Puerto Rico <u>en español</u>

American Indian and Alaska Native data and links

Kids' Corner - Learn fun facts about your state and take a quiz

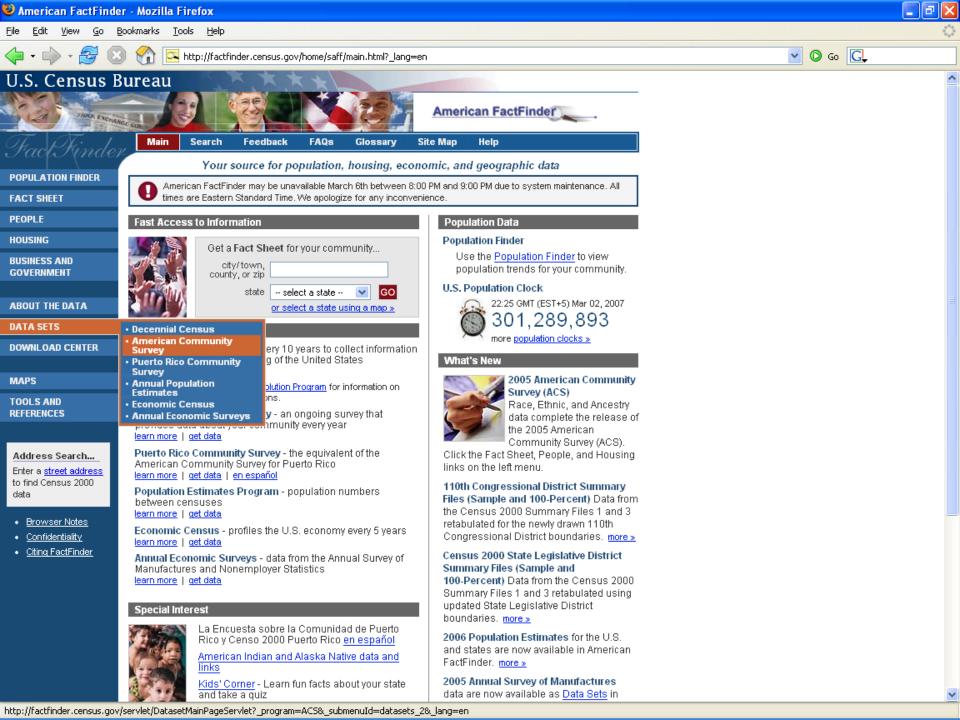
2006 Population Estimates for the U.S. and states are now available in American FactFinder. more »

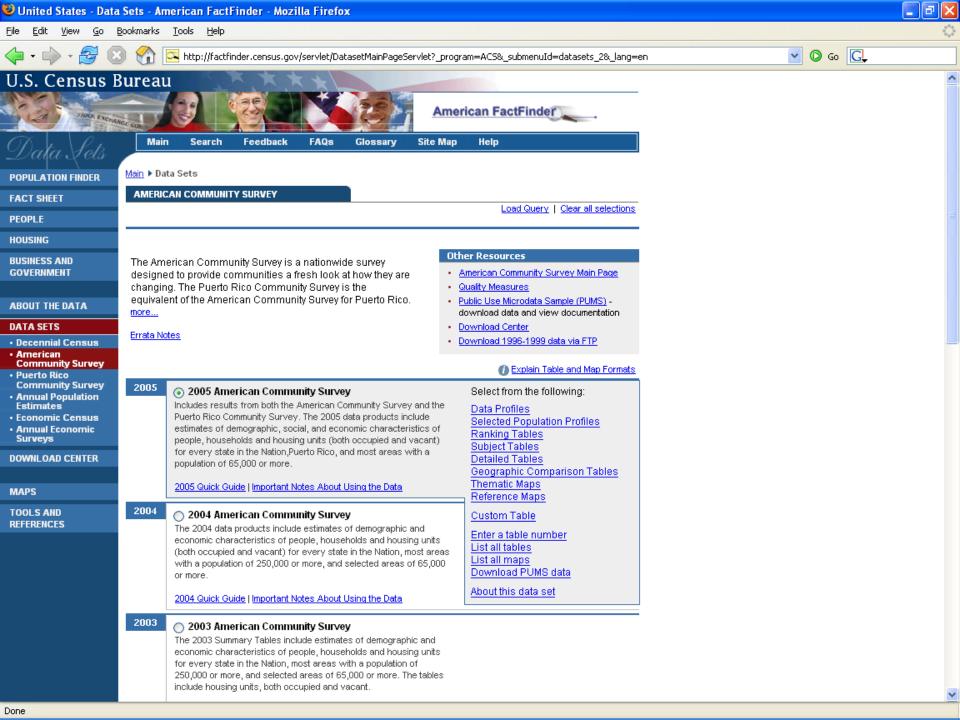
updated State Legislative District

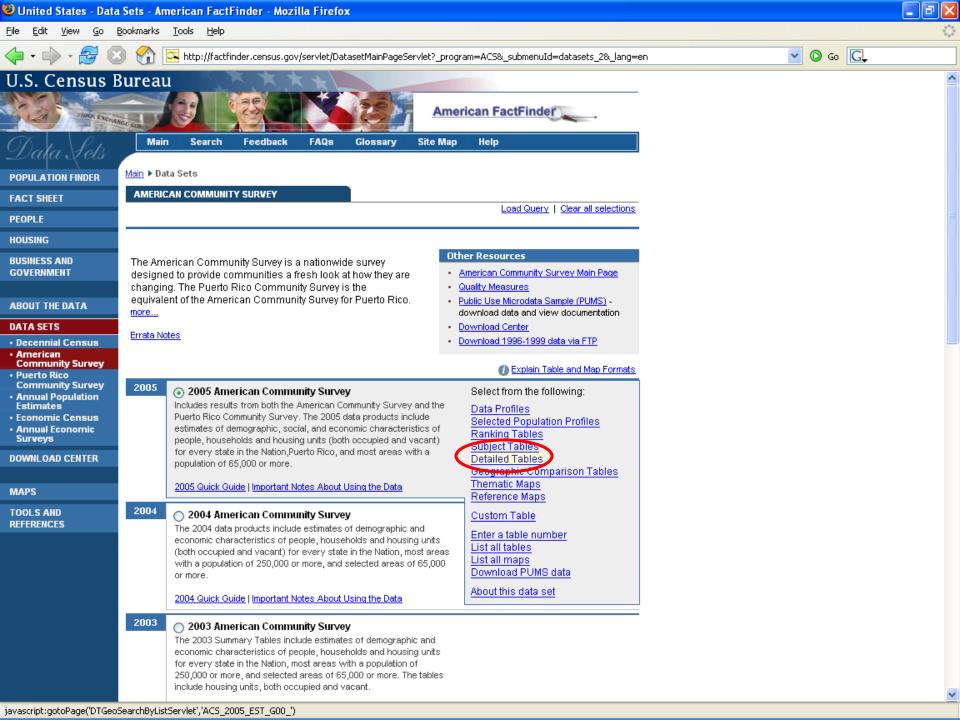
boundaries, more »

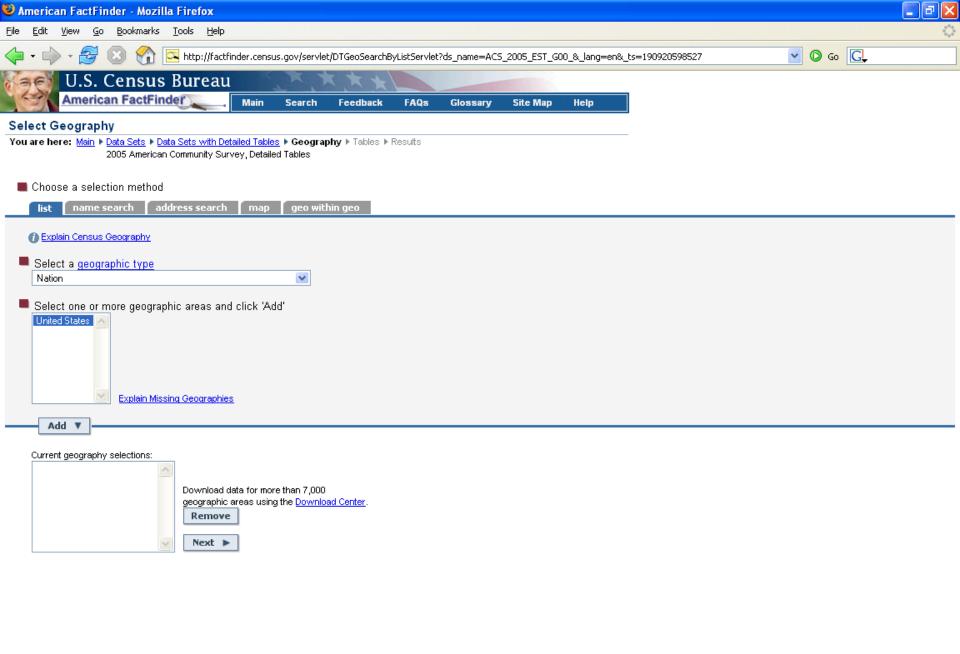
2005 Annual Survey of Manufactures data are now available as <u>Data Sets</u> in

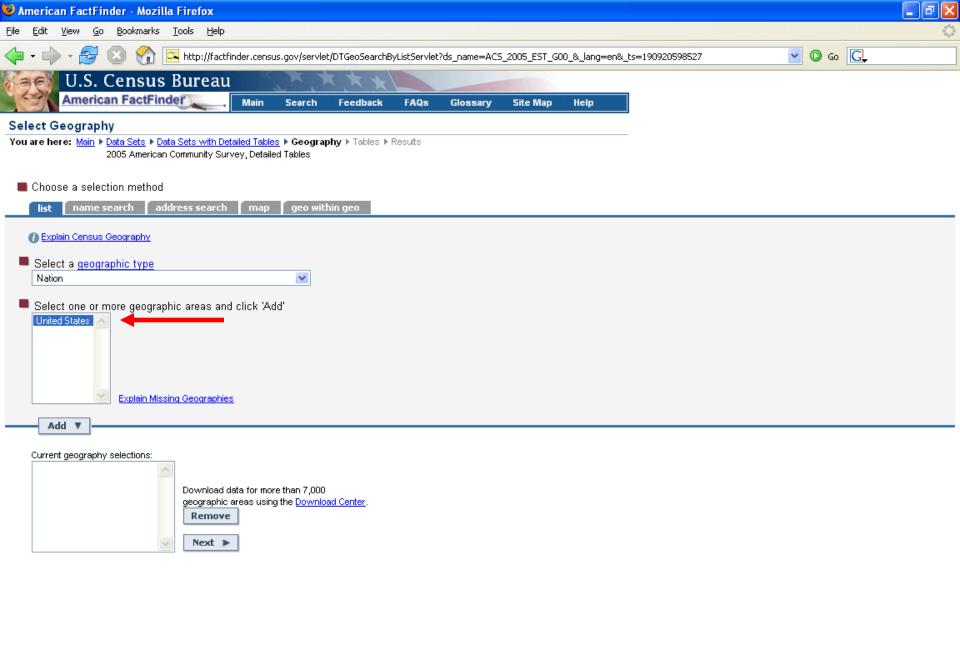


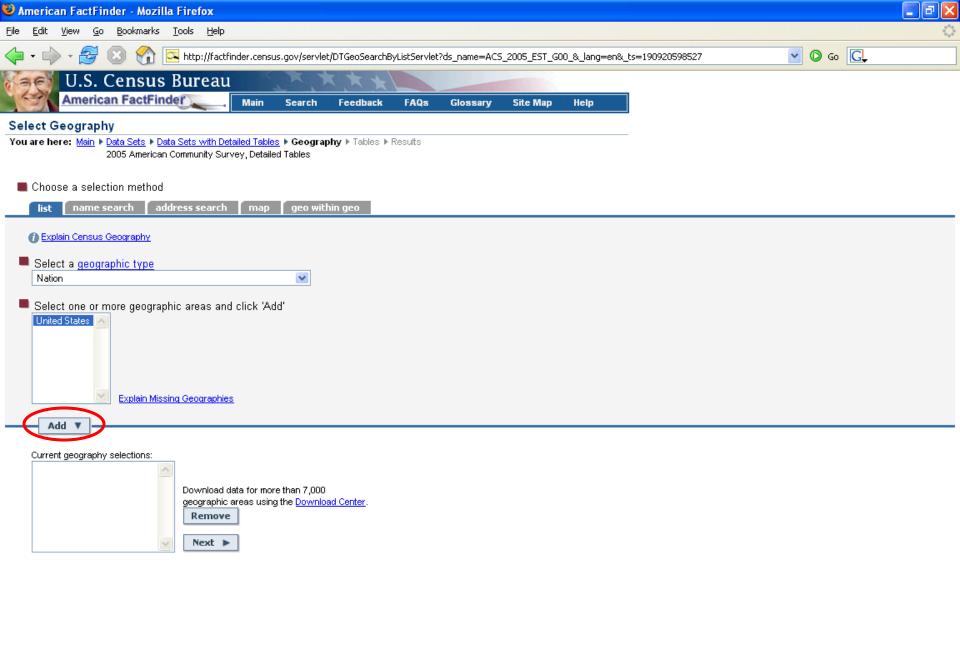


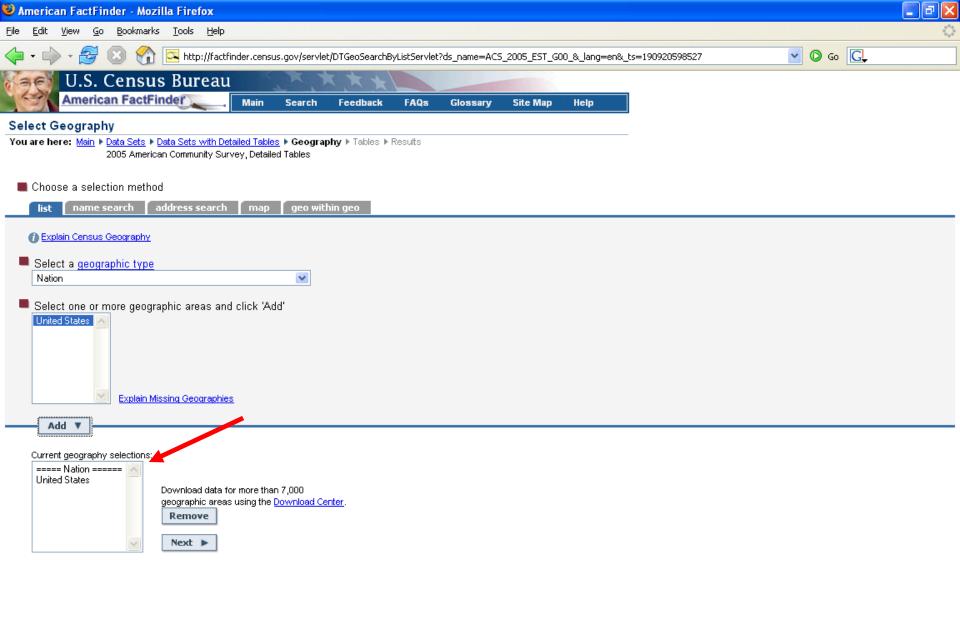


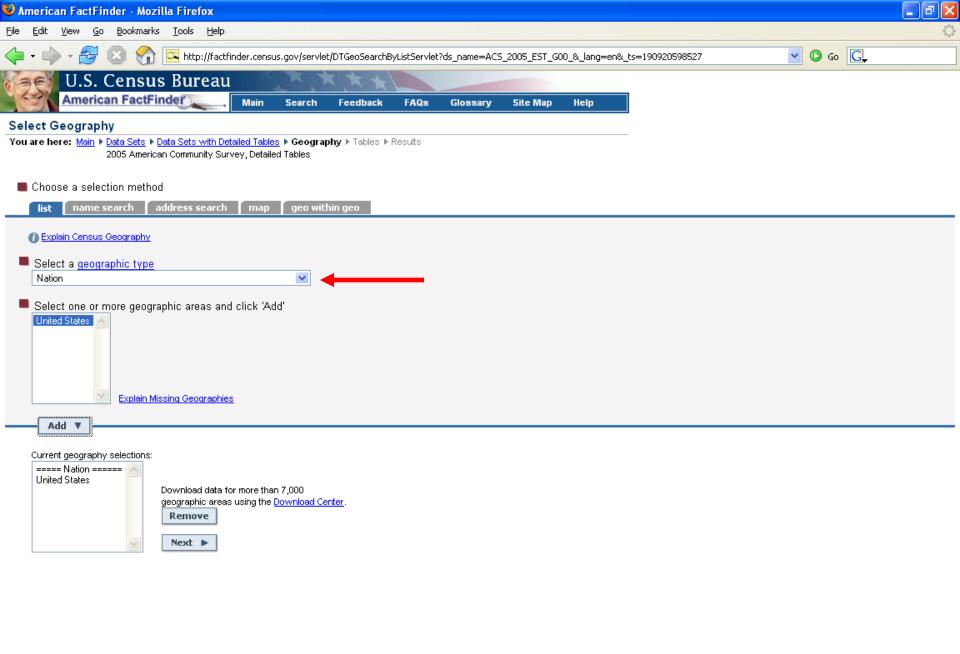


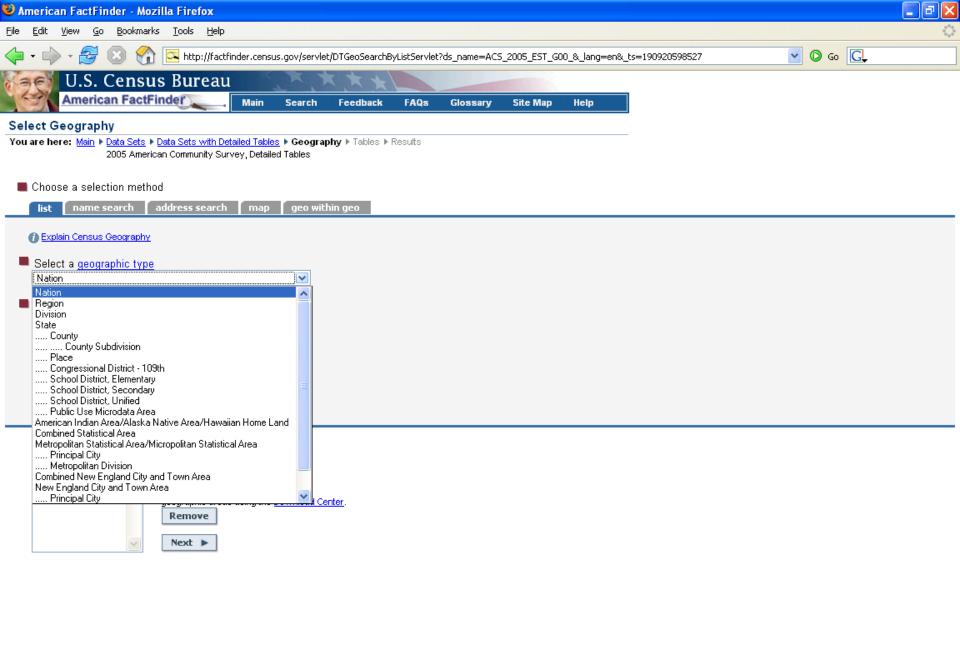


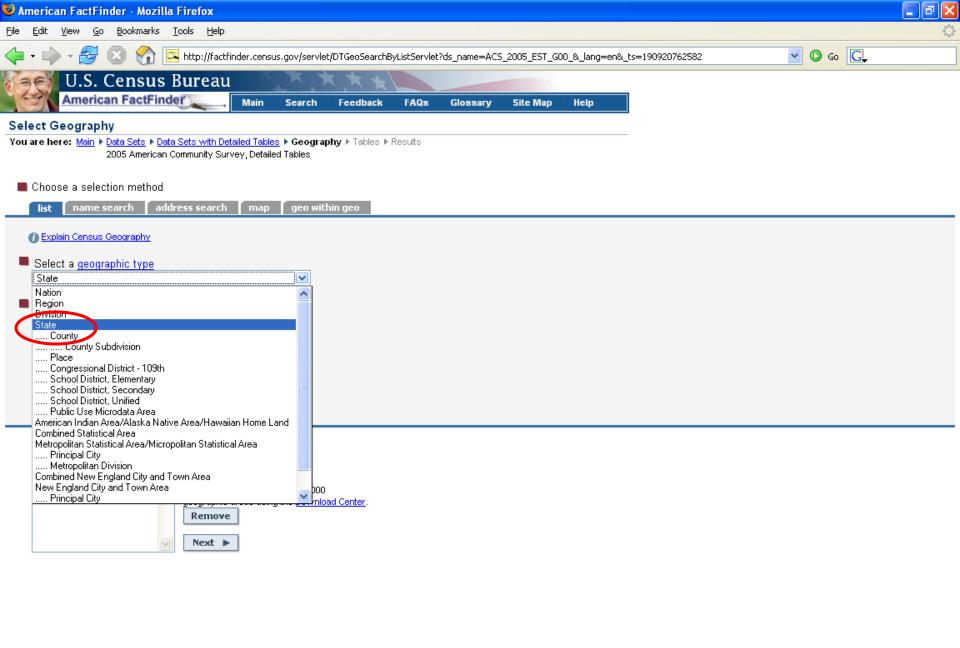


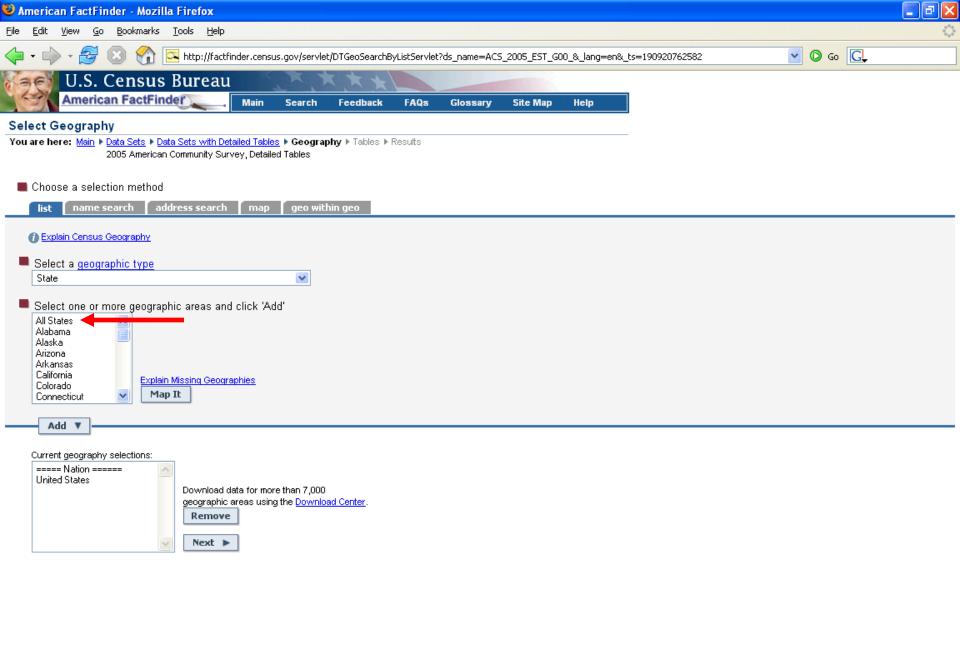


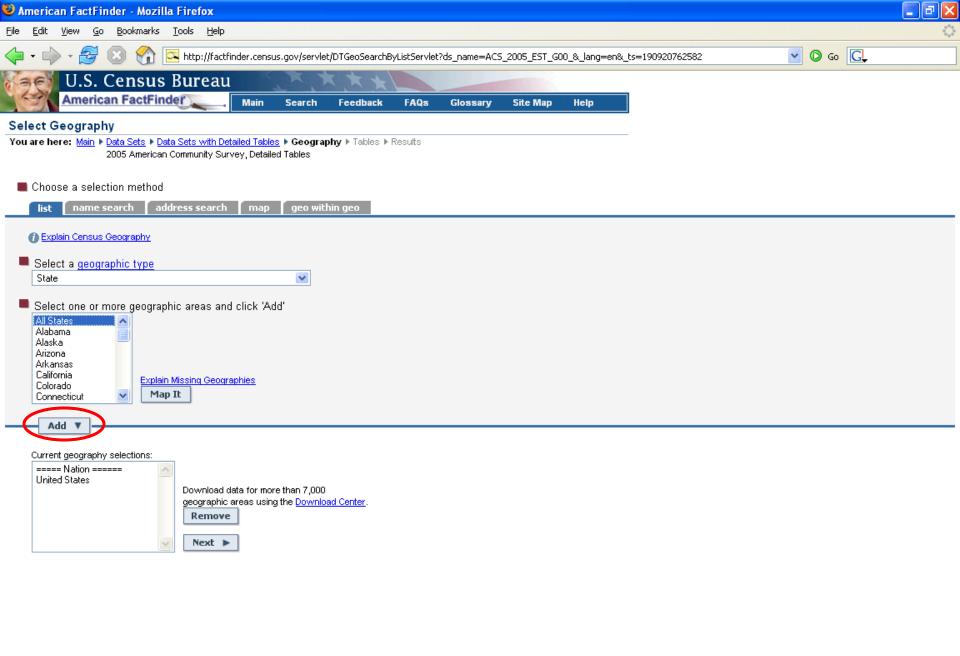


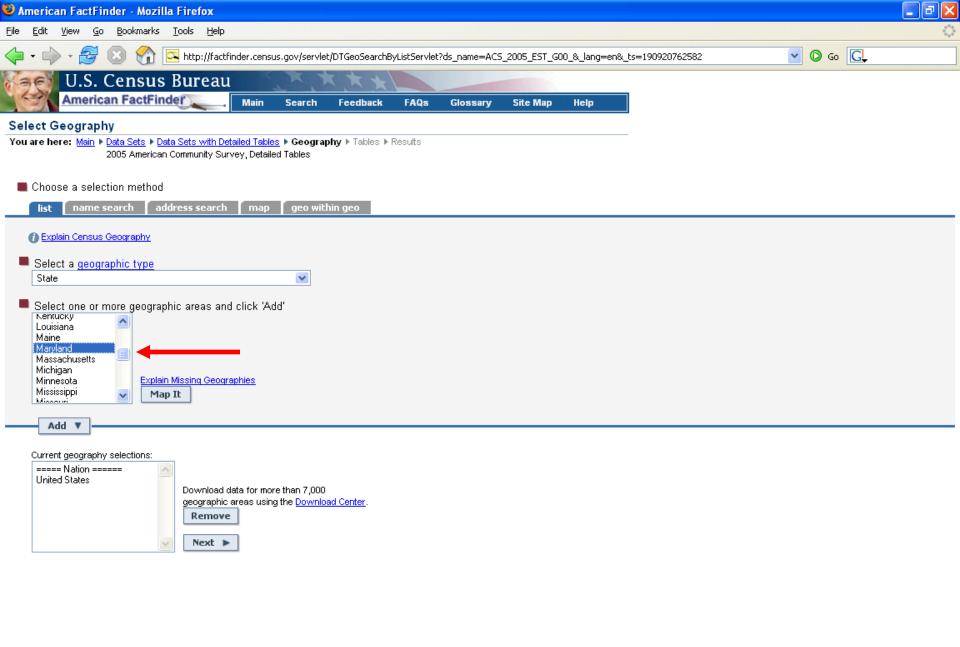




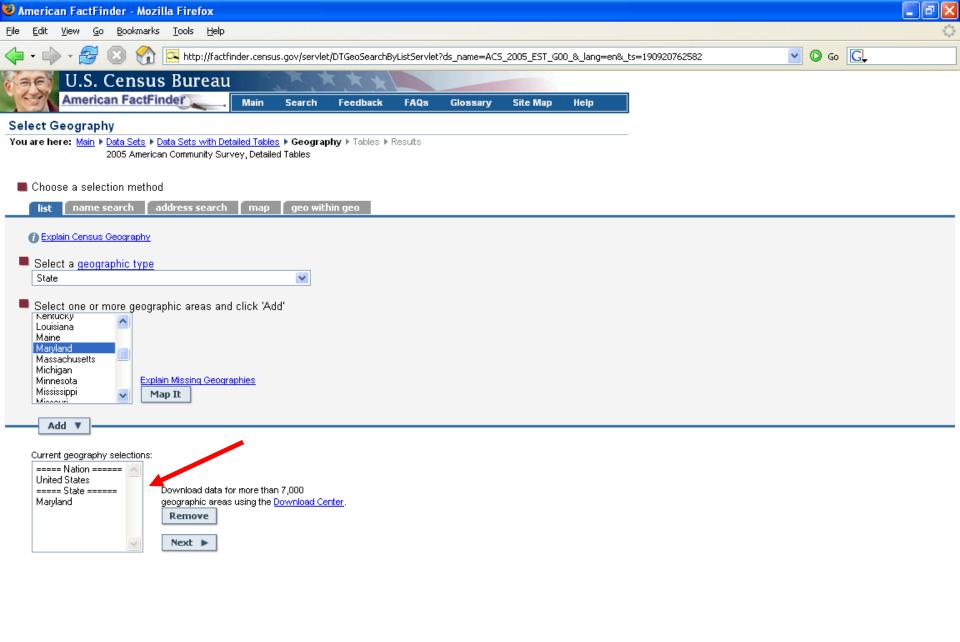


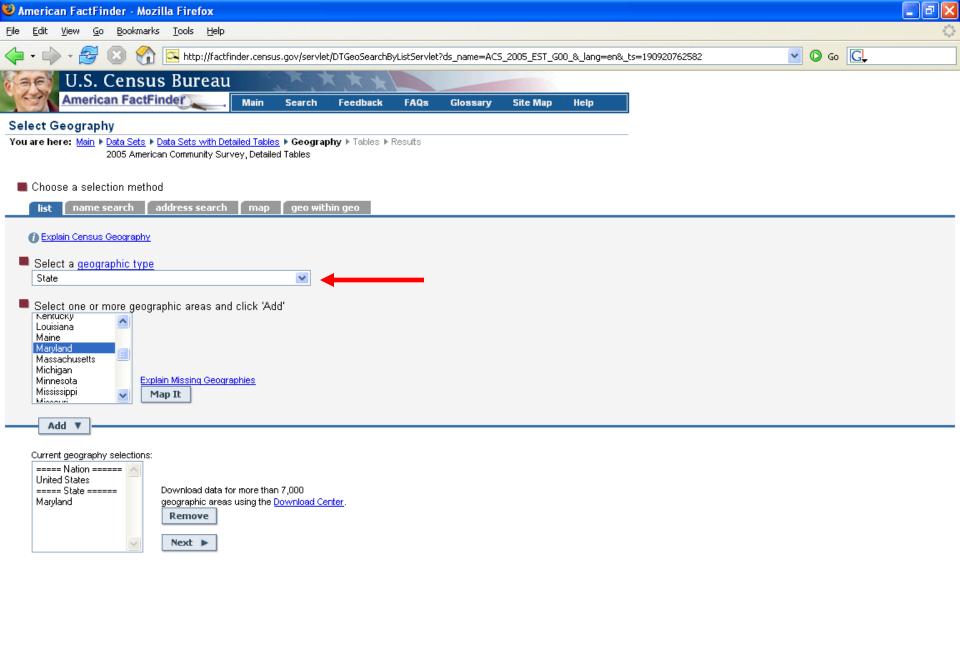


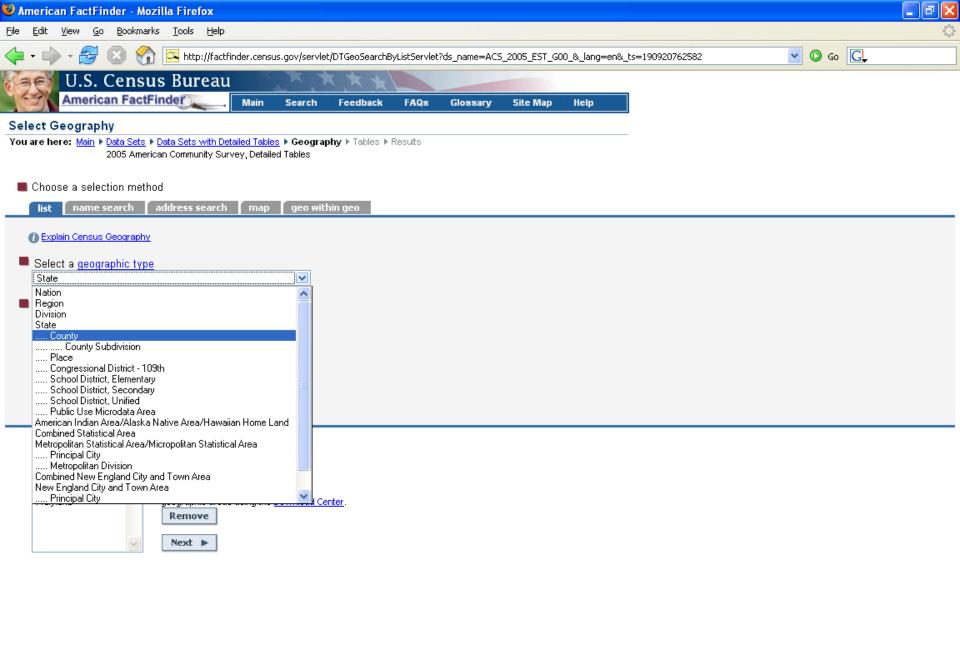


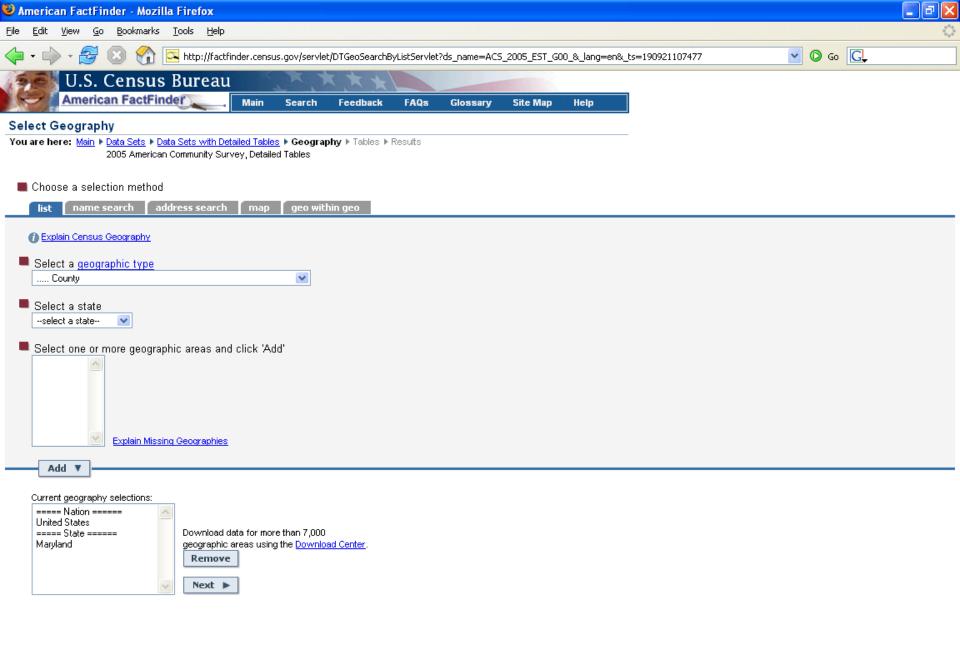


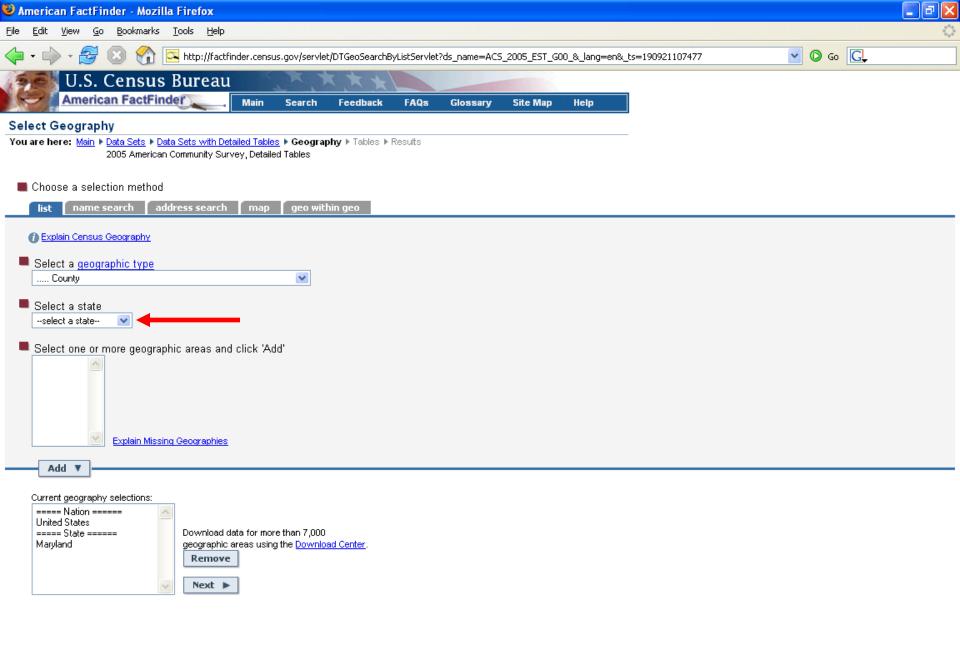


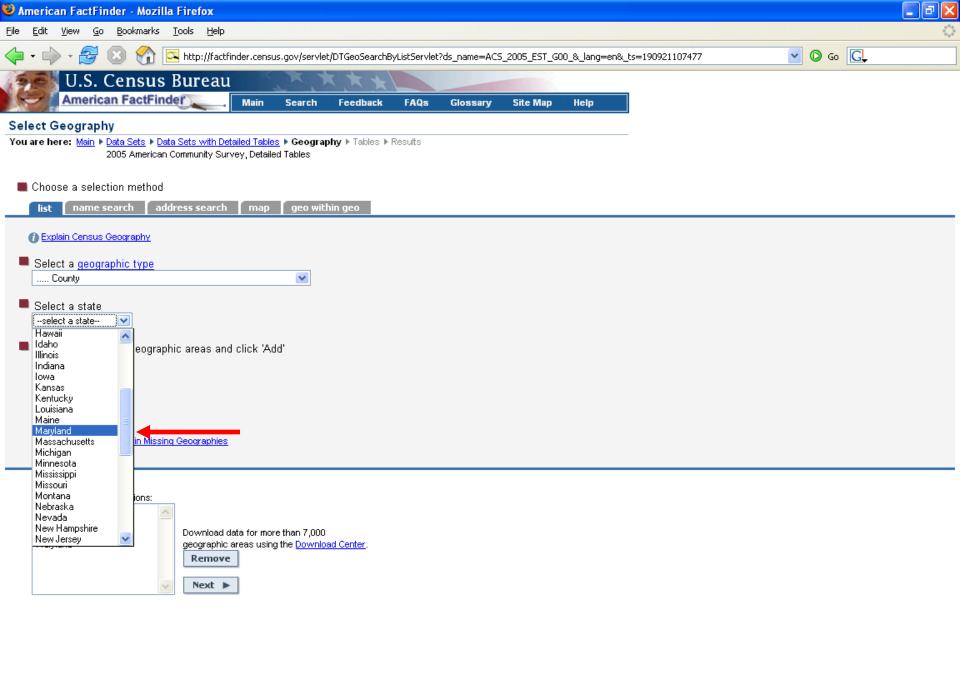


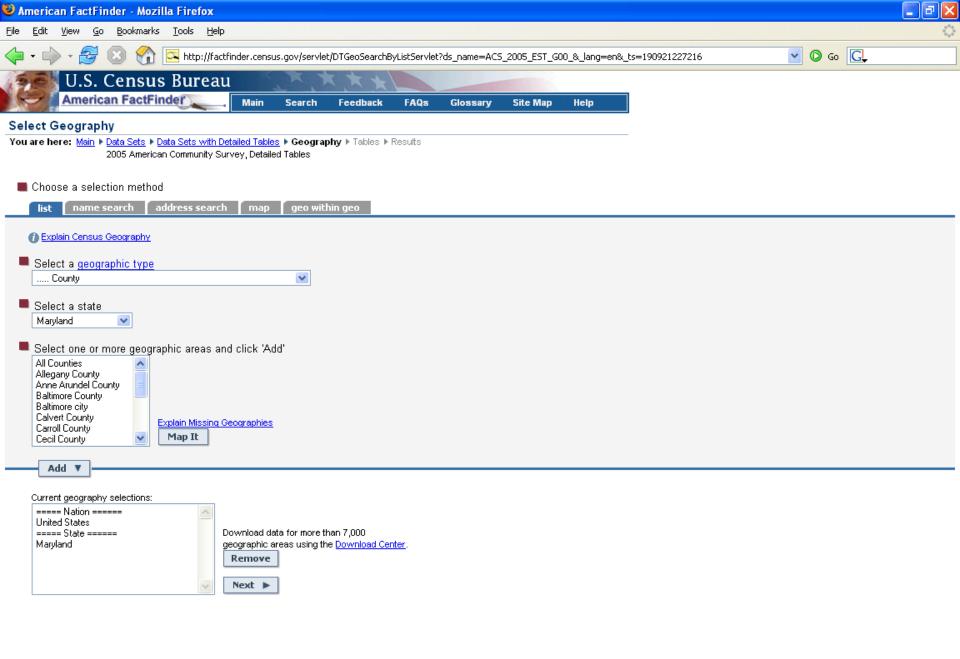


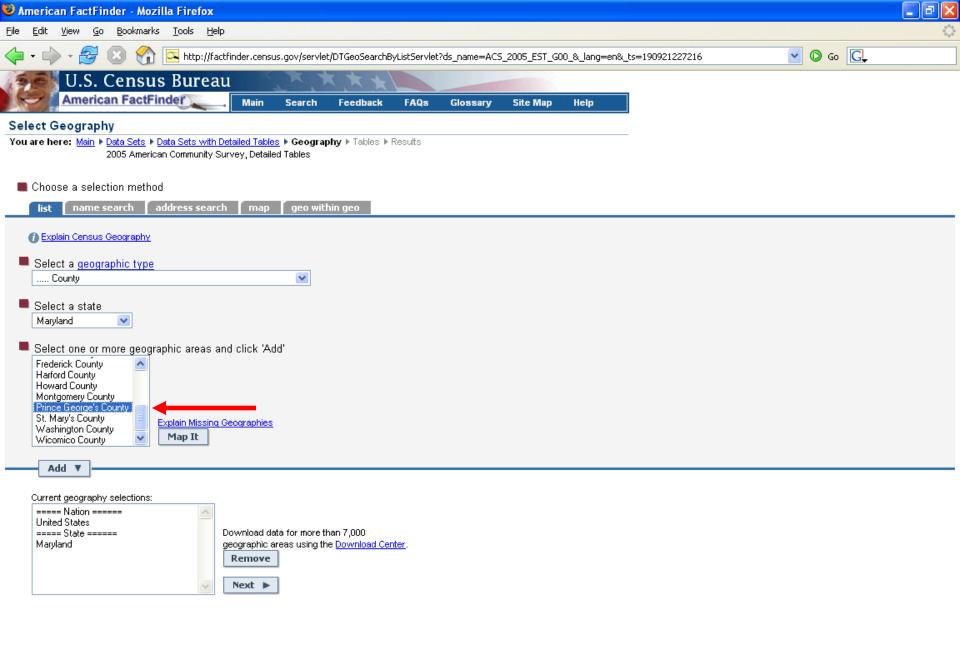


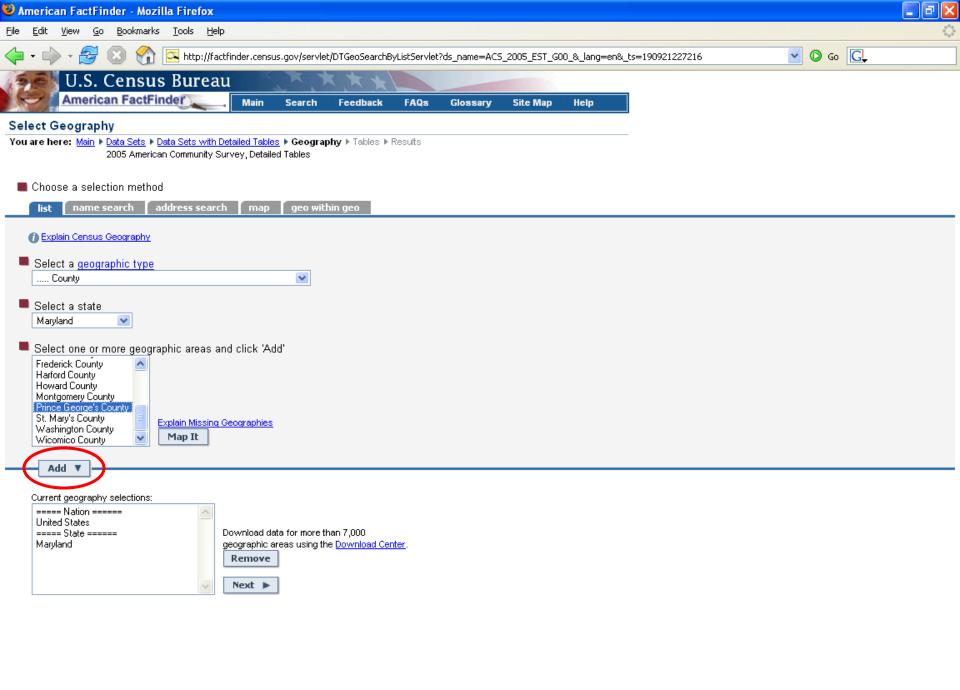


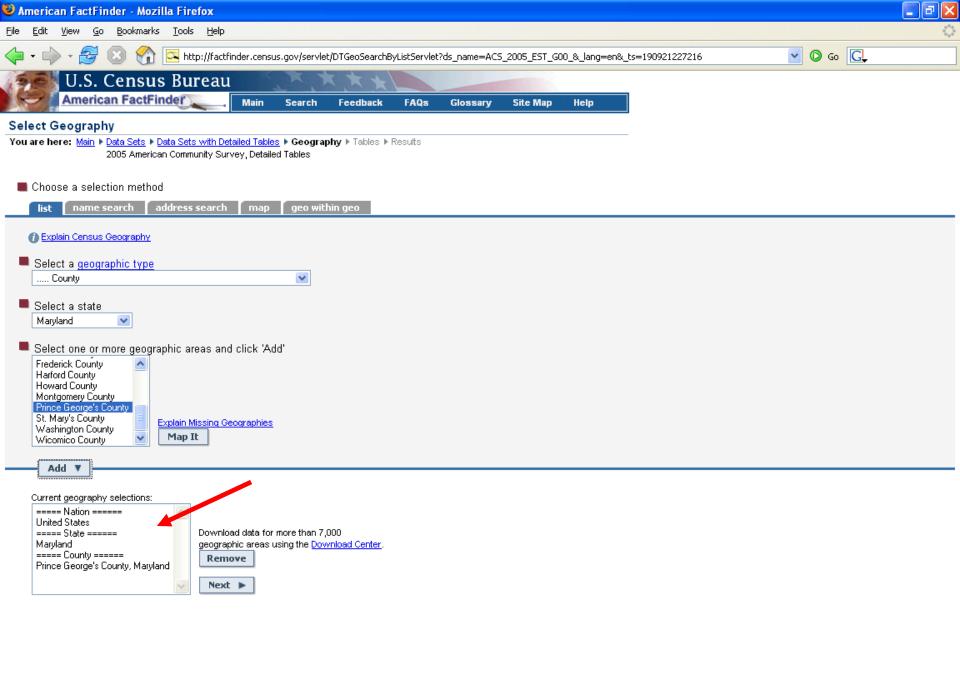


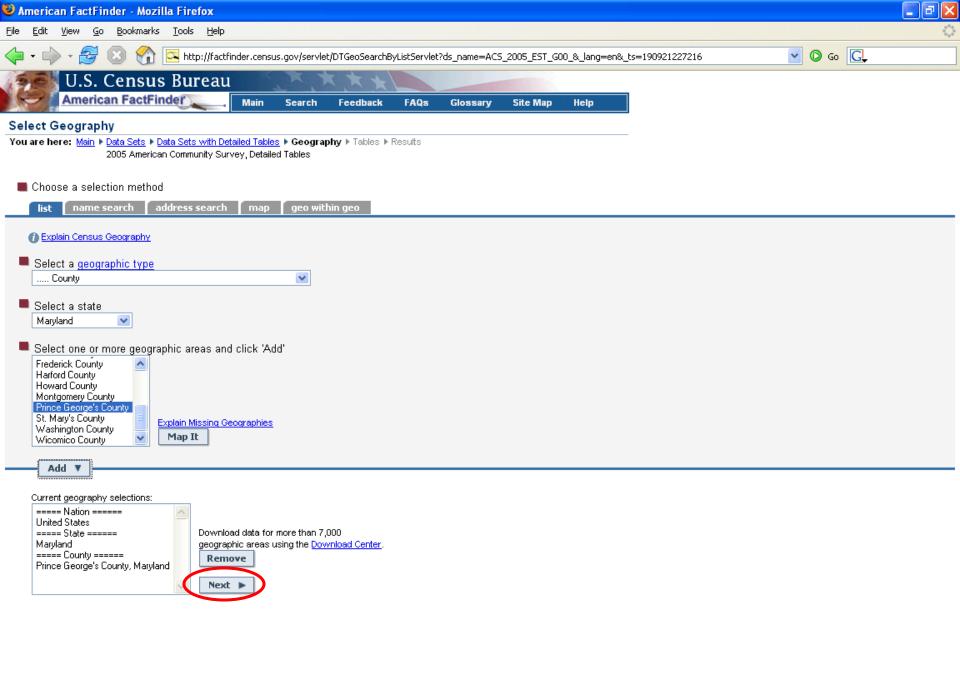


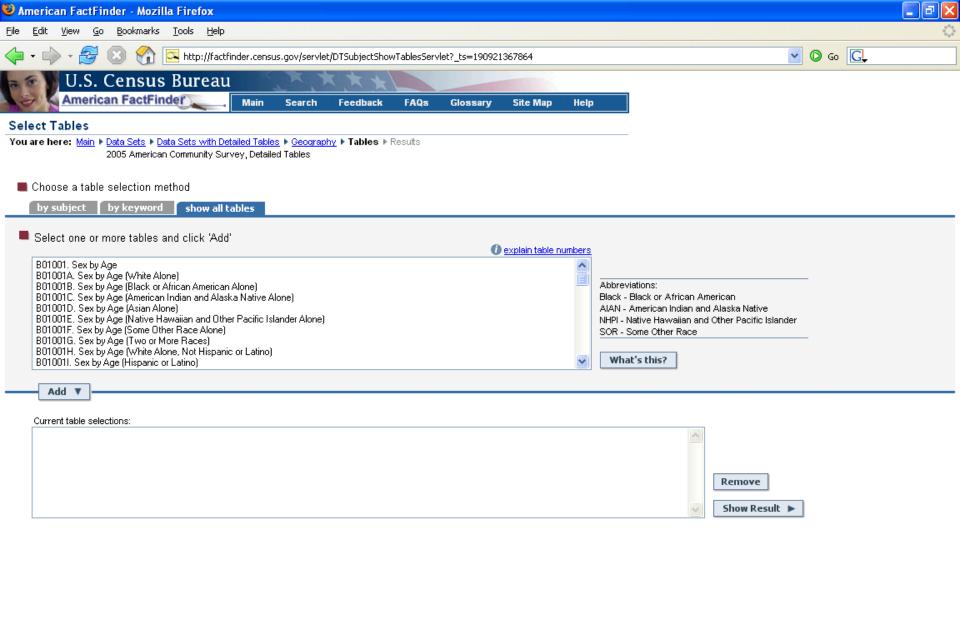


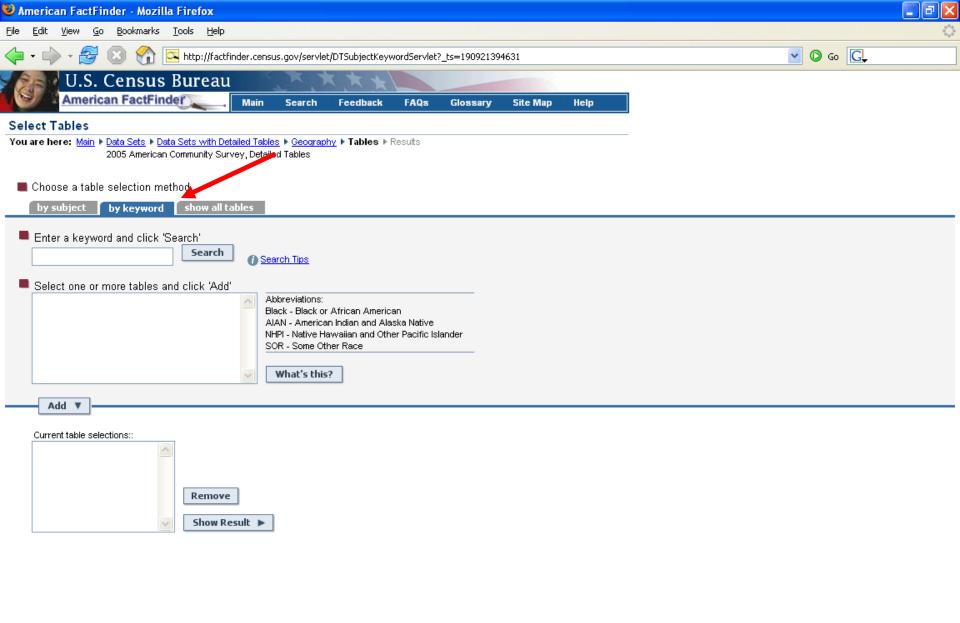


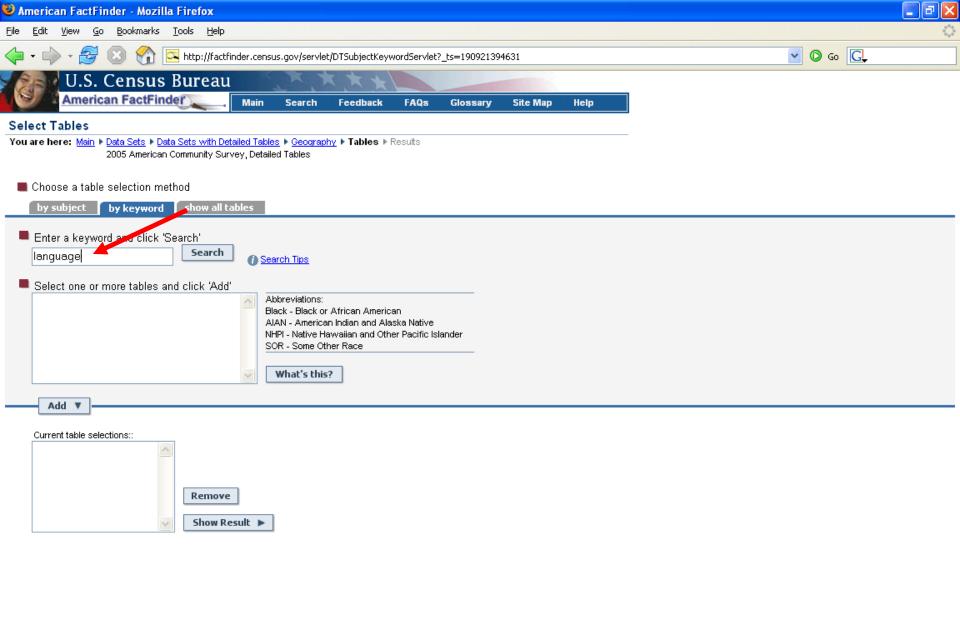


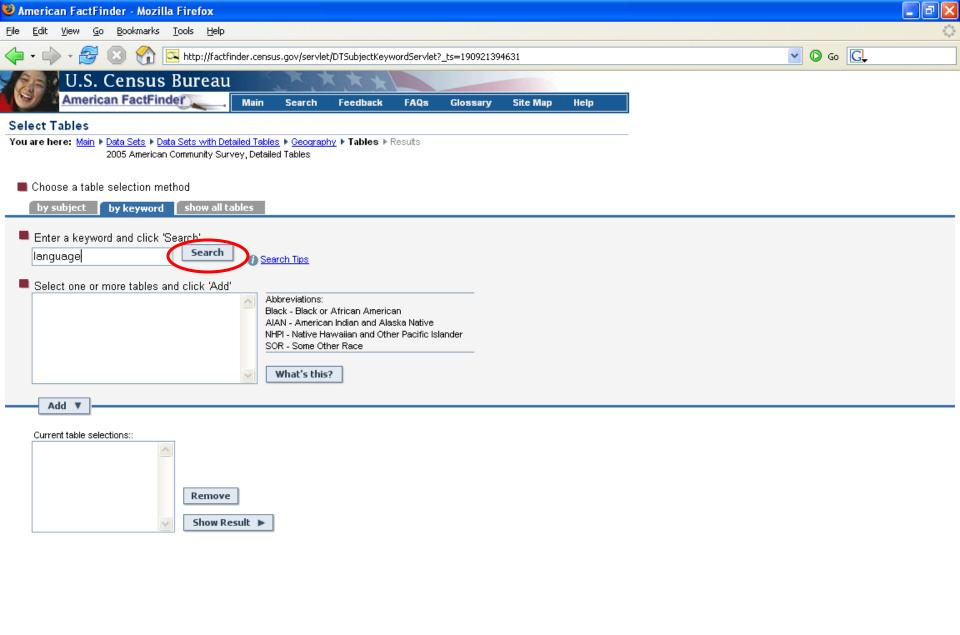


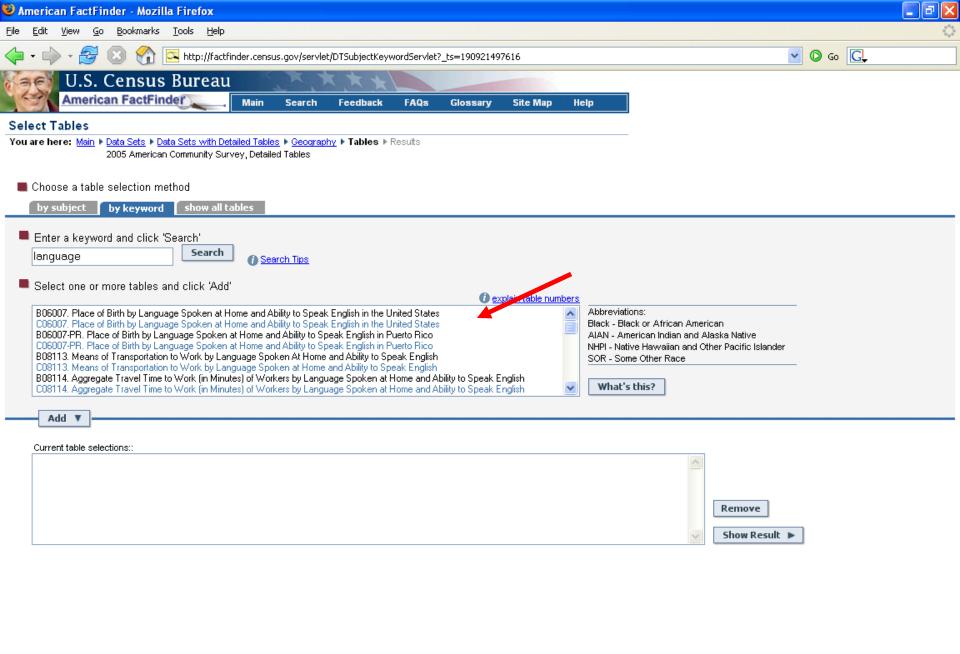


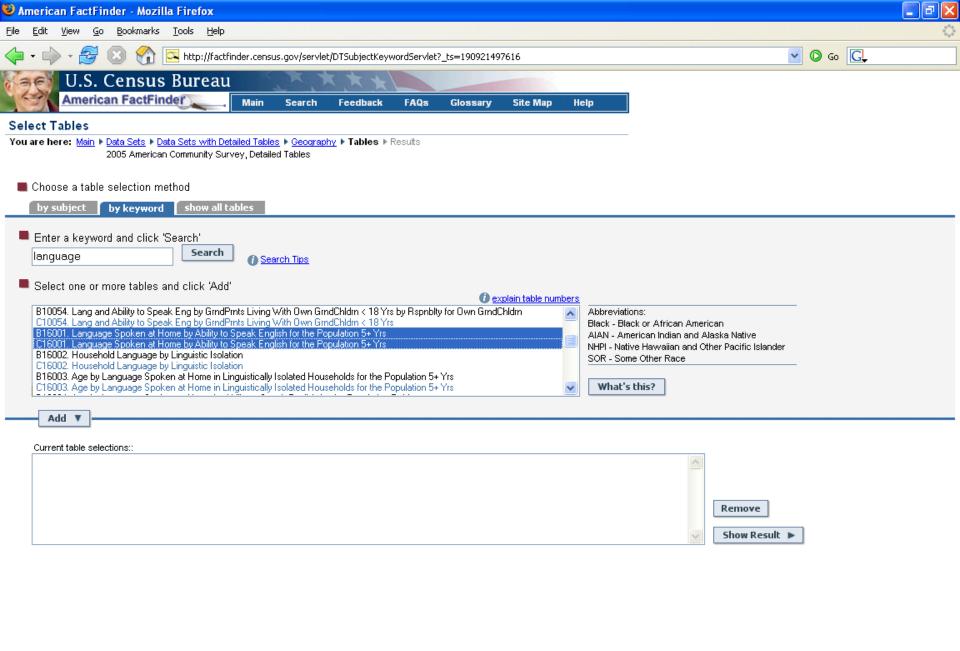


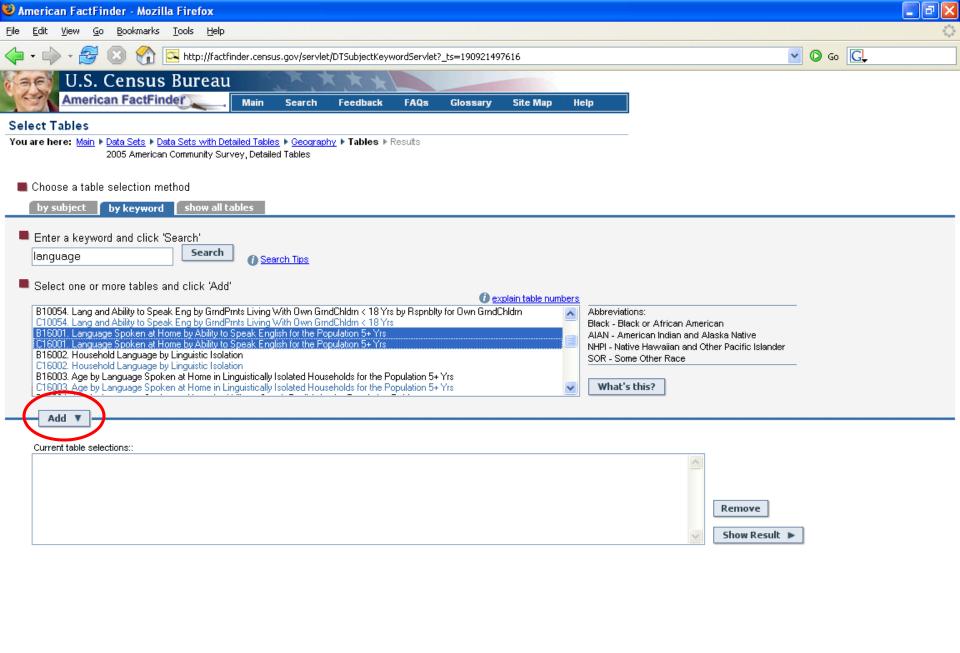


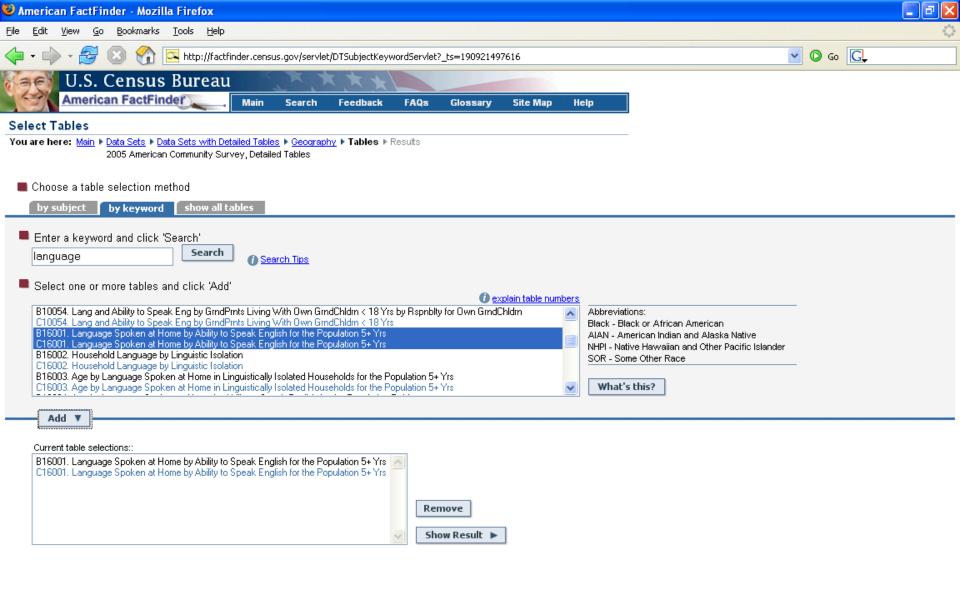


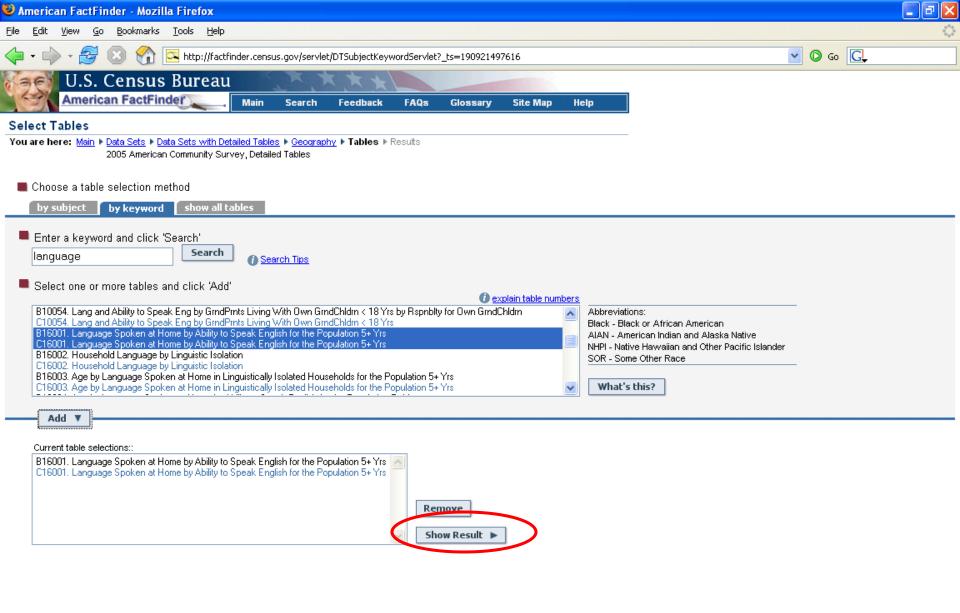


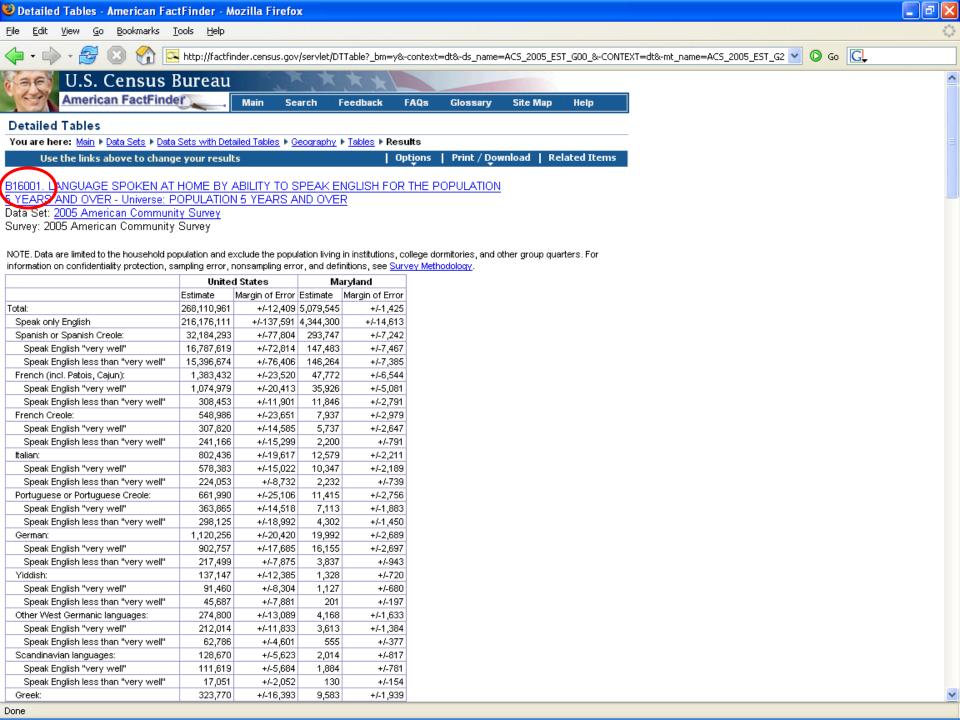


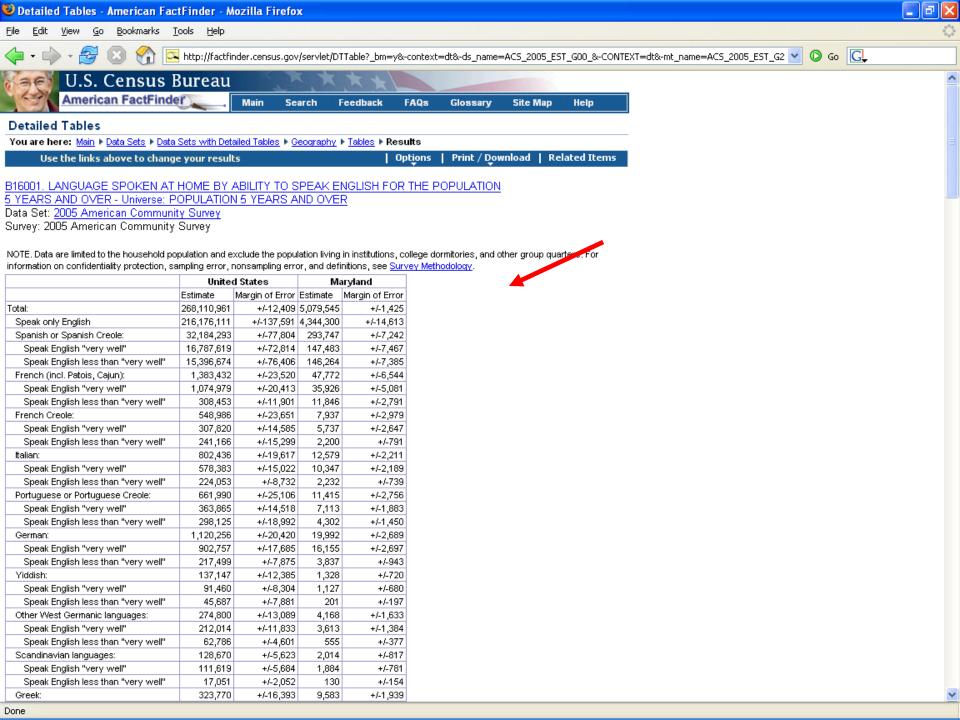


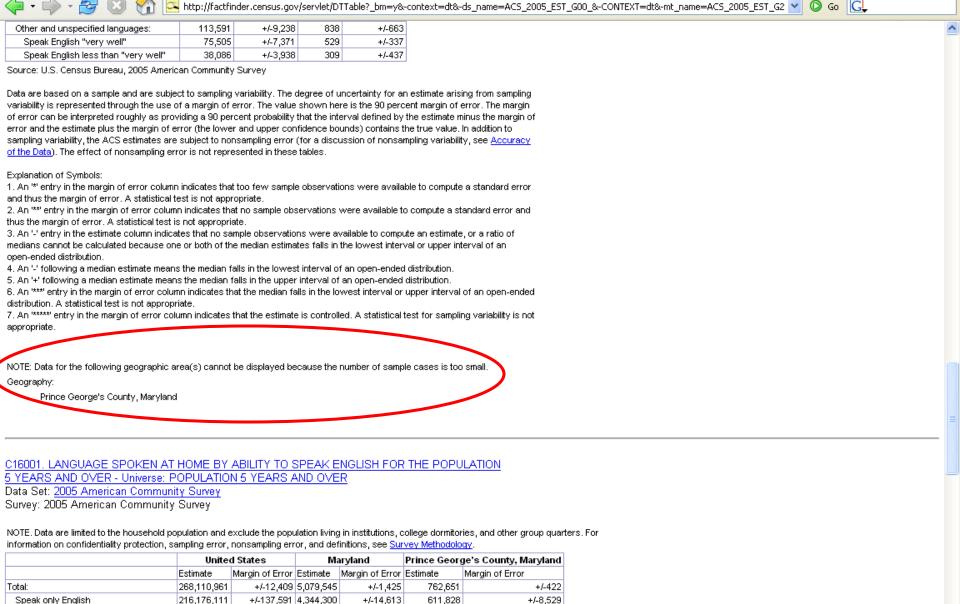












Detailed Tables - American FactFinder - Mozilla Firefox Bookmarks |

Spanish or Spanish Creole

French Creole

Done

French (including Patois, Caiun)

Tools Help

32,184,293

1,383,432

548,986

+/-77,804

+/-23,520

+/-23,651

140.047

293,747

47,772

7,937

+/-7,242

+/-6,544

+/-2,979

81,892

11,785

4,794

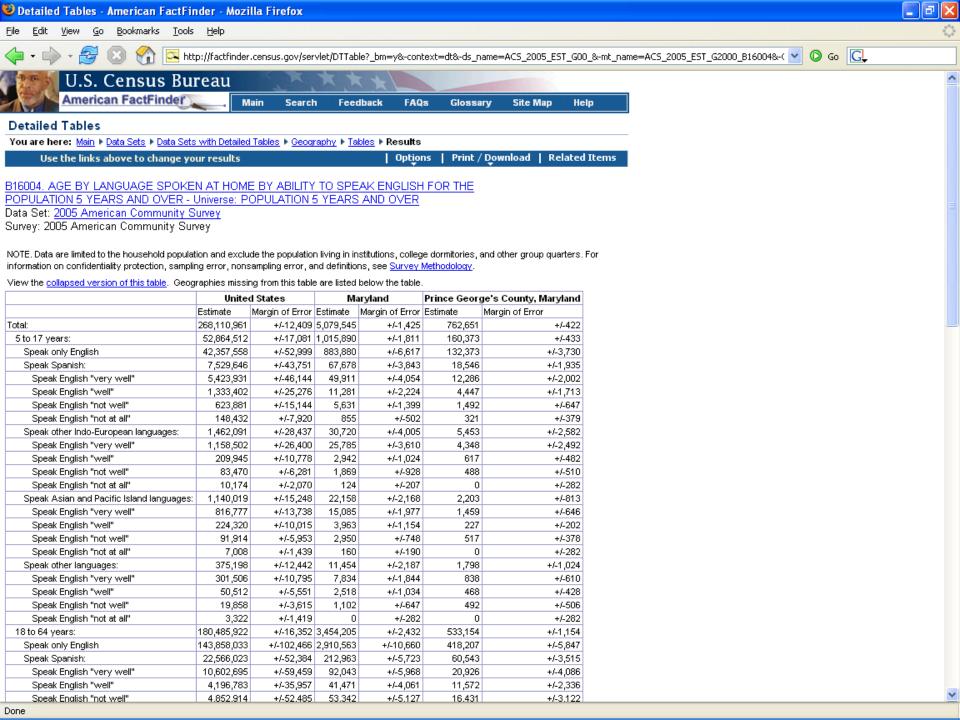
+/-4,400

+/-4,465

+/-2,655

	Estimate	Margin of Error	Estimate	Margin of Error	Estimate	Margin of Error
Total:	268,110,961	+/-12,409	5,079,545	+/-1,425	762,651	+/-422
Speak only English	216,176,111	+/-137,591	4,344,300	+/-14,613	611,828	+/-8,529
Spanish or Spanish Creole	32,184,293	+/-77,804	293,747	+/-7,242	81,892	+/-4,400
French (including Patois, Cajun)	1,383,432	+/-23,520	47,772	+/-6,544	11,785	+/-4,465
French Creole	548,986	+/-23,651	7,937	+/-2,979	4,794	+/-2,655
Italian	802,436	+/-19,617	12,579	+/-2,211	516	+/-441
Portuguese or Portuguese Creole	661,990	+/-25,106	11,415	+/-2,756	644	+/-831
German	1,120,256	+/-20,420	19,992	+/-2,689	1,392	+/-592
Yiddish	137,147	+/-12,385	1,328	+/-720	0	+/-282
Other West Germanic languages	274,800	+/-13,089	4,168	+/-1,633	826	+/-528
Scandinavian languages	128,670	+/-5,623	2,014	+/-817	0	+/-282
Greek	323,770	+/-16,393	9,583	+/-1,939	873	+/-596
Russian	812,404	+/-26,489		+/-3,109	793	+/-544
Polish	607,585	+/-20,757	4,184	+/-1,295	45	+/-79
Serbo-Croatian	270,800	+/-16,272	1,934	+/-1,386	172	+/-199
Other Slavic languages	316,301	+/-14,693	4,979	+/-1,870	122	+/-151
Armenian	202,550	+/-15,969	848	+/-659	32	+/-52
Persian	325,892	+/-17,659	12,748	+/-2,589	356	+/-333
Gujarathi	275,569	+/-15,200	9,007	+/-2,909	1,615	+/-1,279
Hindi	462,371	+/-17,505	14,866	+/-3,101	1,956	+/-1,032
Urdu	303,423	+/-19,188	8,812	+/-2,681	817	+/-797
Other Indic languages	585,959	+/-22,557	11,839	+/-3,299	918	+/-645
Other Indo-European languages	384,663	+/-18,792	4,809	+/-1,723	1,072	+/-803
Chinese	2,300,467	+/-35,389	48,824	+/-4,723	4,881	+/-1,858
Japanese	457,836	+/-15,466	6,038	+/-1,447	629	+/-494
Korean	983,954	+/-29,066	33,751	+/-4,280	1,488	+/-787
Mon-Khmer, Cambodian	189,053	+/-15,049	2,029	+/-1,208	588	+/-518
Hmong	173,696	+/-11,263	269	+/-458	269	+/-458
Thai	129,943	+/-7,825	4,182	+/-1,819	314	+/-339
Laotian	152,304	+/-11,383	1,016	+/-1,018	160	+/-214
Vietnamese	1,142,328	+/-33,897	17,811	+/-3,304	2,665	+/-1,416
Other Asian languages	544,314			+/-4,537	2,162	
Tagalog	1,376,632	+/-28,238			6,163	+/-1,682
Other Pacific Island languages	318,973		2,637	+/-890	65	+/-110
Navajo	173,100		. 0		0	
Other Native North American languages	207,430		512		259	+/-305

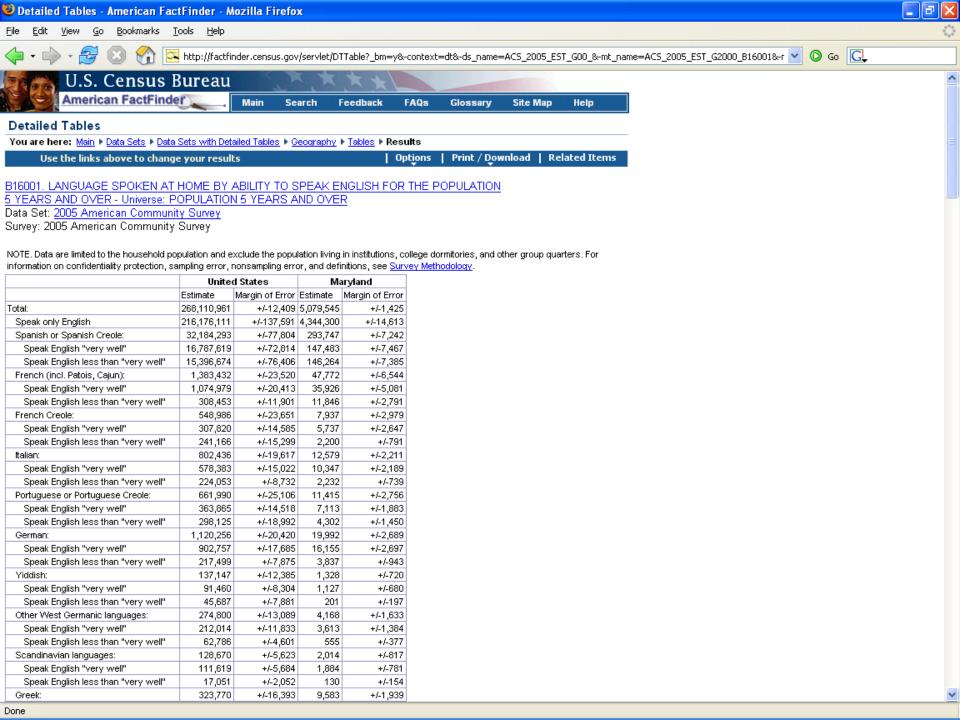
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Thai	129,943			+/-1,819	314	
Laotian	152,304				160	
Vietnamese	1,142,328			+/-3,304	2,665	
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Navaio	173,100			+/-282	0	
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Sales Traine Horar Hillorican languages	201,400	.,-0,400	012	-1-420	200	17-303

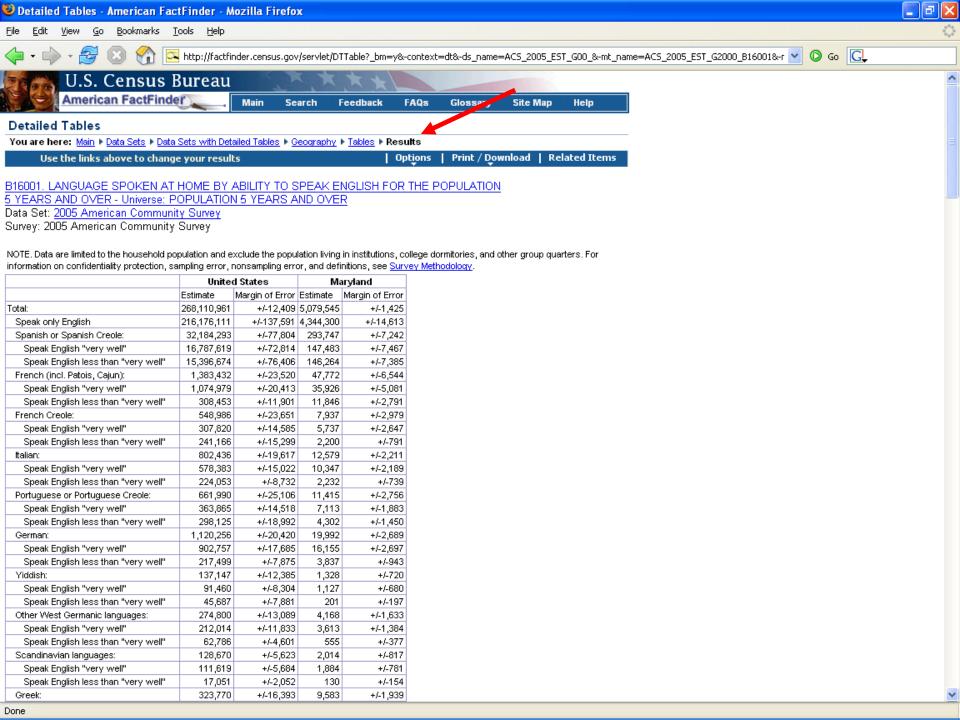


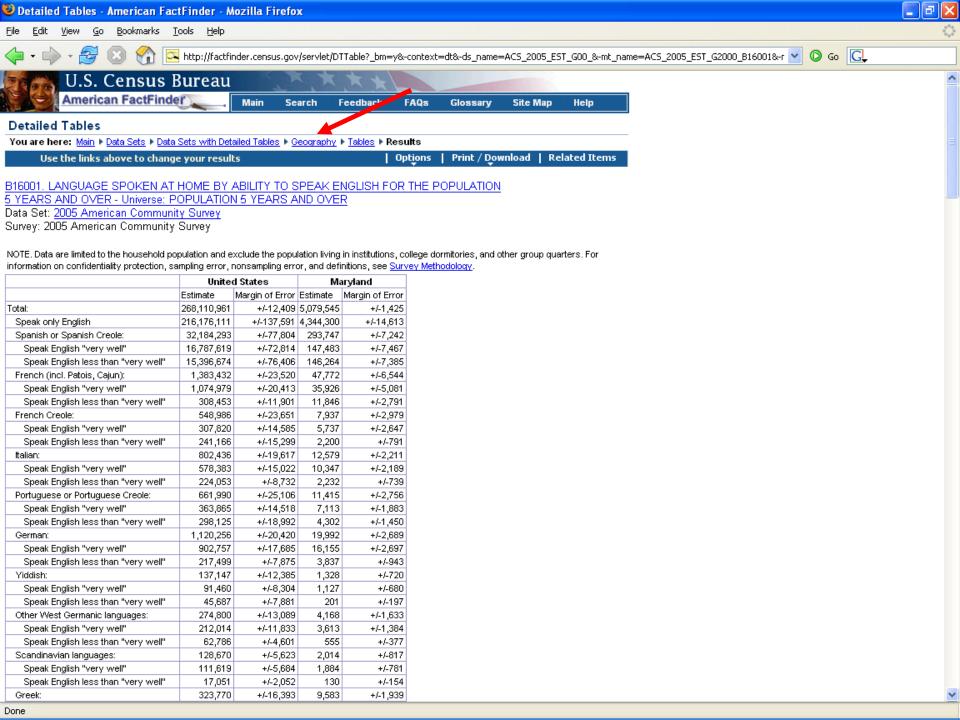
Downloading 2005 ACS Data

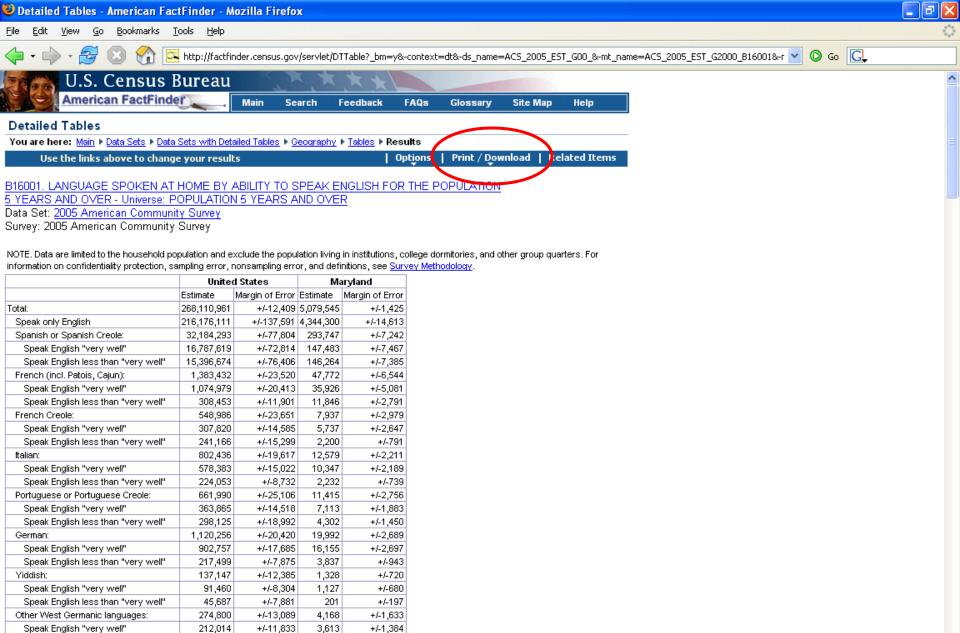
The next set of slides will demonstrate how a you can download the selected tables onto your computer.

You can use a spreadsheet program to combine and compare categories, create percentages, etc.









Greek:

Speak English less than "very well"

Speak English less than "very well"

Scandinavian languages:

Speak English "very well"

62,786

128,670

111,619

17,051

323,770

+/-4,601

+/-5,623

+/-5,684

+/-2,052

+/-16,393

555

2,014

1,884

130

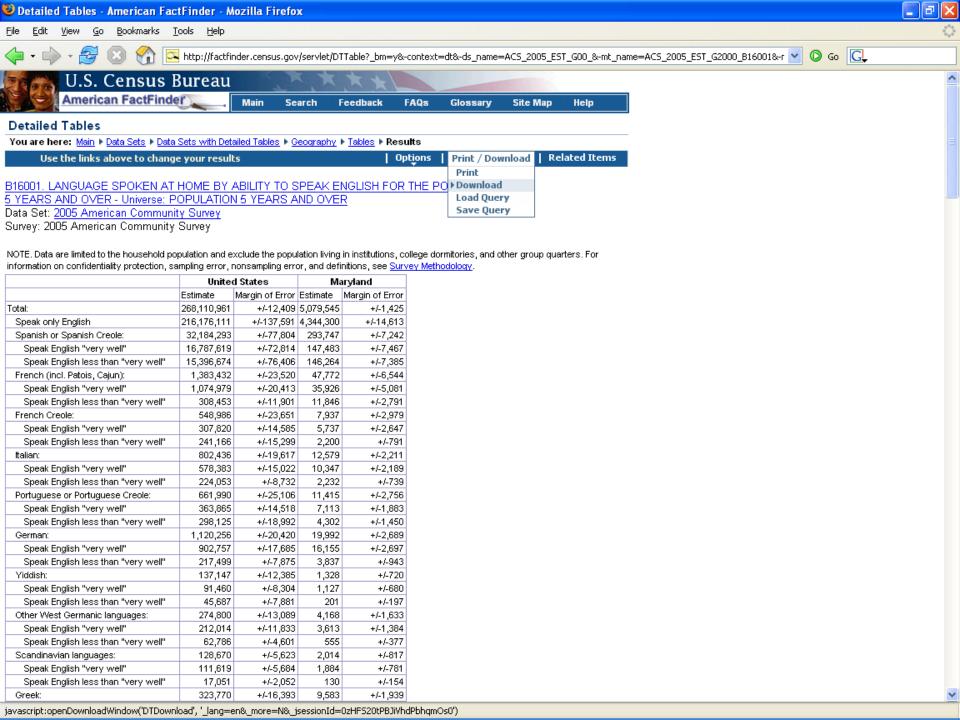
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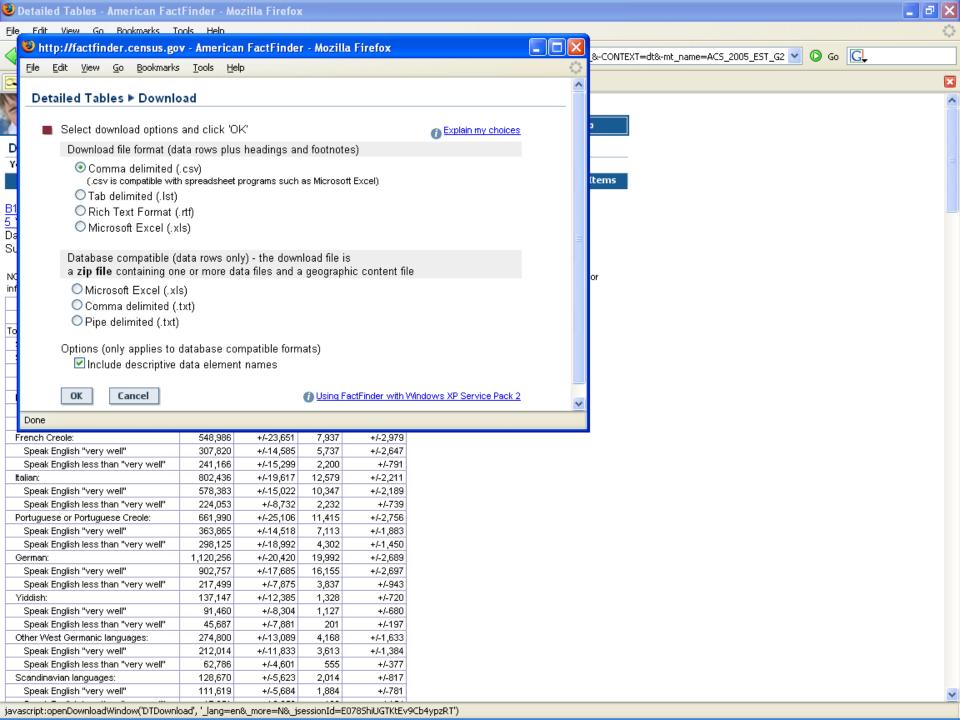
+/-377

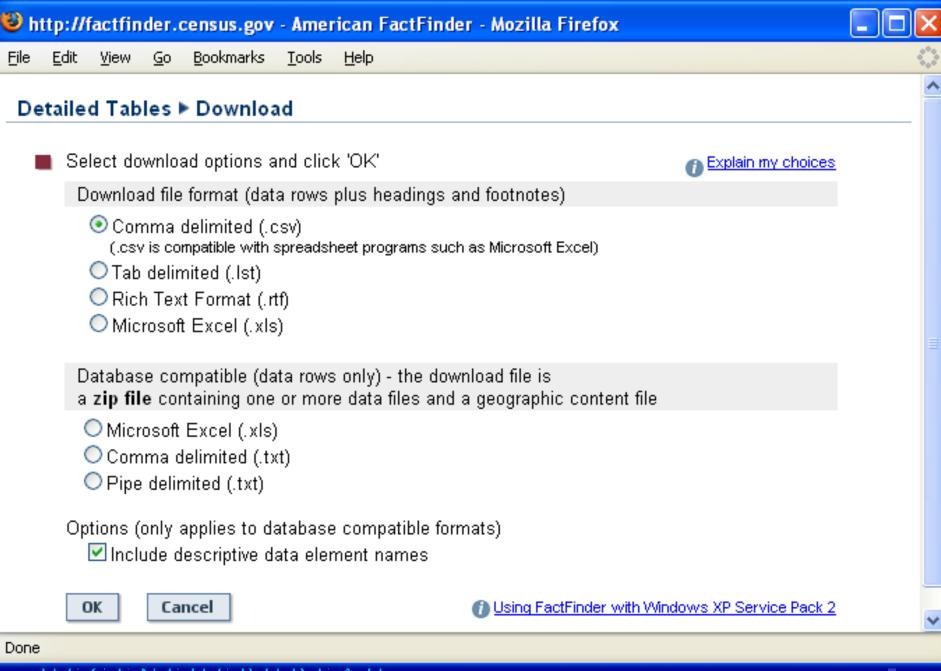
+/-817

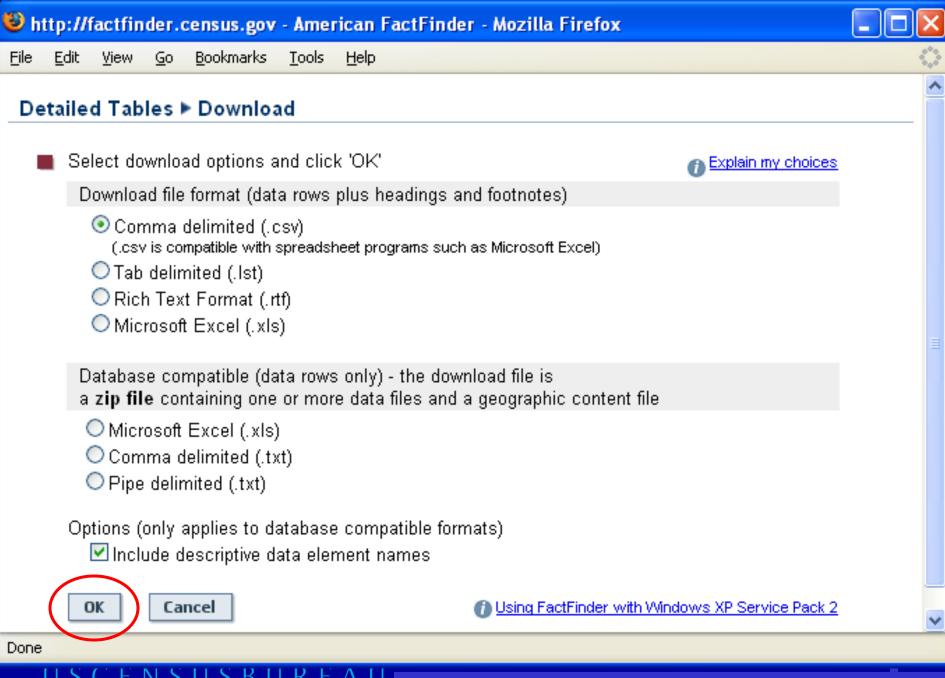
+/-781 +/-154

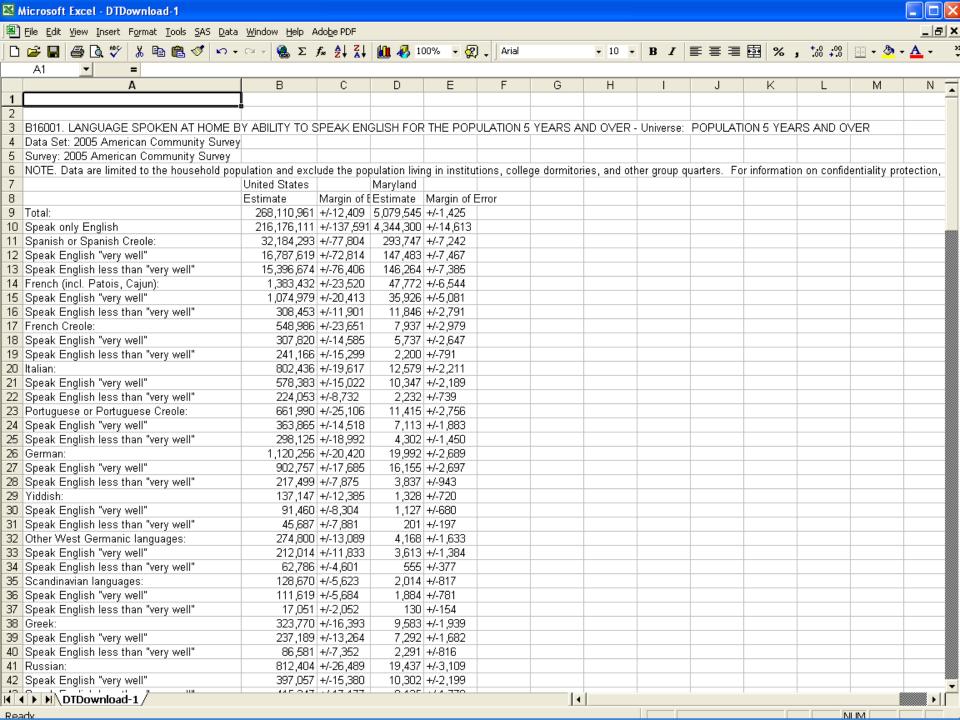
+/-1,939

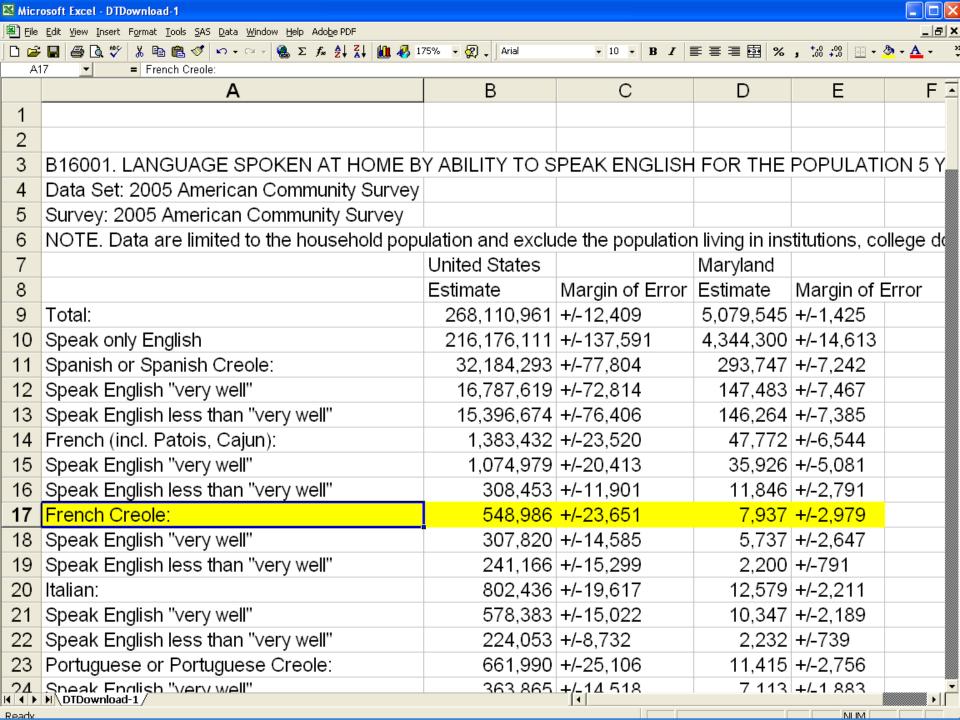












Summary

Easy to access ACS data using American FactFinder from www.census.gov

ACS data are available now for areas with populations of 65,000 and greater and will be available in 2008 for areas with populations of 20,000 and greater

In 2010 the ACS will release data for the smallest geographic areas

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