

# Poverty from the 2014 CPS ASEC and Upcoming Income and Poverty Releases

Trudi Renwick, Ph.D.  
Chief, Poverty Statistics Branch  
Social, Economic and Housing Statistics Division  
U.S. Census Bureau

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# Outline

- Compare 2013 poverty estimates from the sample with the traditional income questions to the sample with the redesigned income questions.
- Summary of income and poverty release plans:
  - Tables and research files released this month
  - September 16, 2015 income and poverty releases

# As a result of the split panel in 2014, we have two sets of poverty estimates for 2013

2012 Poverty	2013 Poverty	2014 Poverty
Traditional income questions  Full Sample	Traditional income questions  (68,000 addresses)	Redesigned income questions  Full Sample
	Redesigned income questions  (30,000 addresses)	

# Income and Poverty Estimates for 2013 - Reports Published in September 2014

## 2012 Poverty

Traditional income questions

Full Sample

## 2013 Poverty

Traditional income questions

(68,000 addresses)

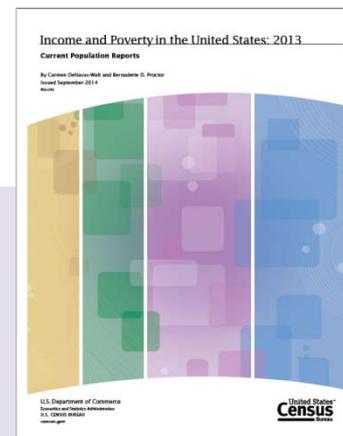
Redesigned income questions

(30,000 addresses)

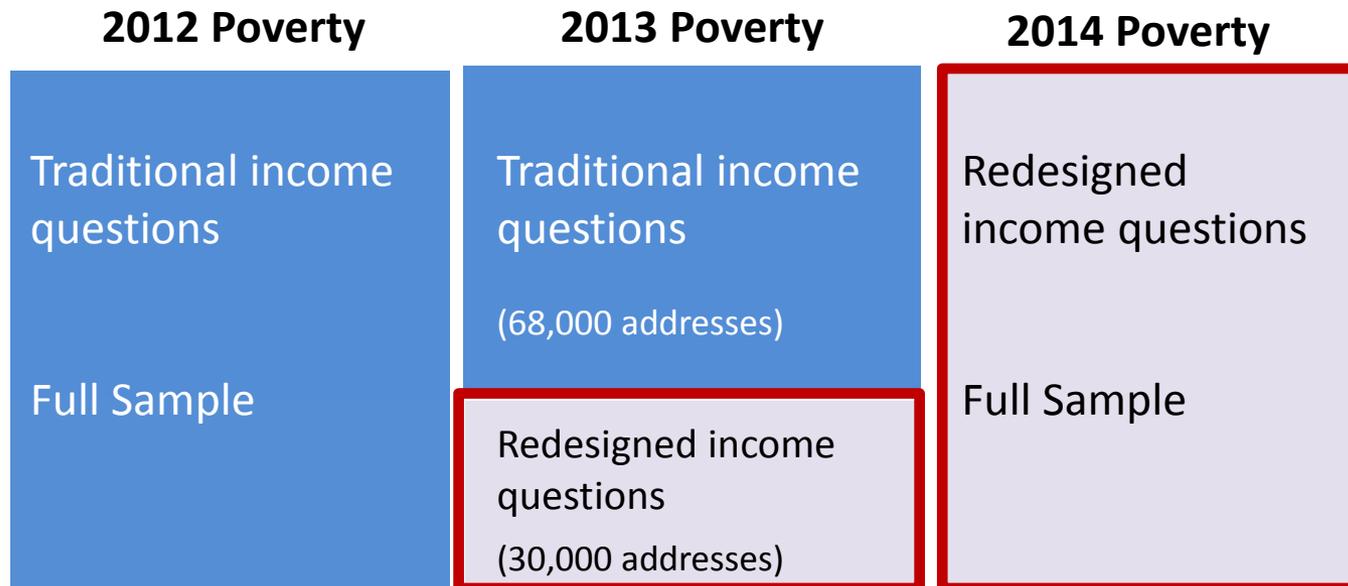
## 2014 Poverty

Redesigned income questions

Full Sample

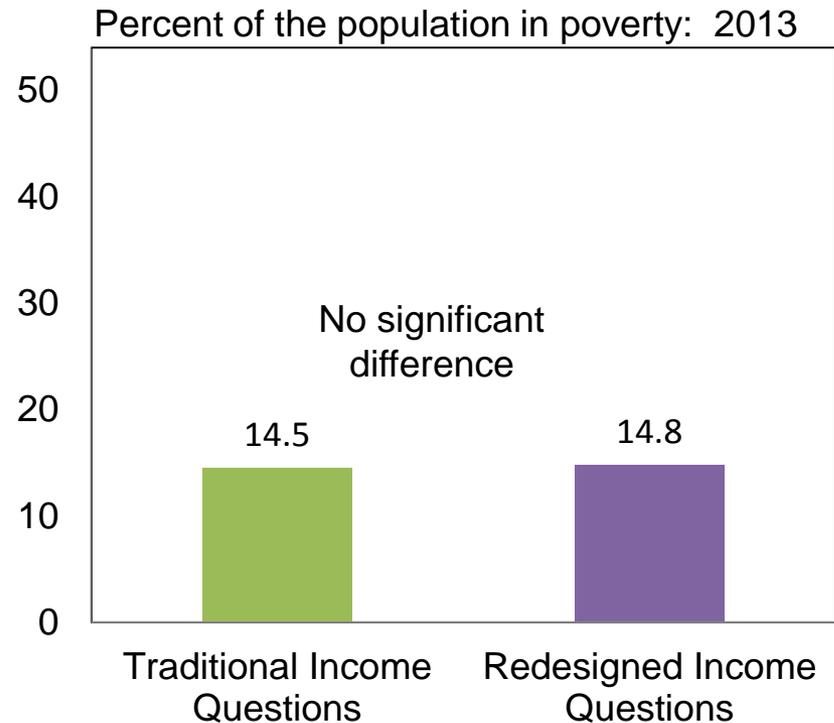


# Income and Poverty Estimates for 2013 - Reports to be Released in September 2015



# 2013 Official Poverty Estimates

- Official poverty estimate based on traditional income questions:
  - 14.5 percent (+/- 0.3)
- Sample with redesigned income questions:
  - 14.8 percent (+/-0.5)
- Difference between two poverty estimates not statistically significant

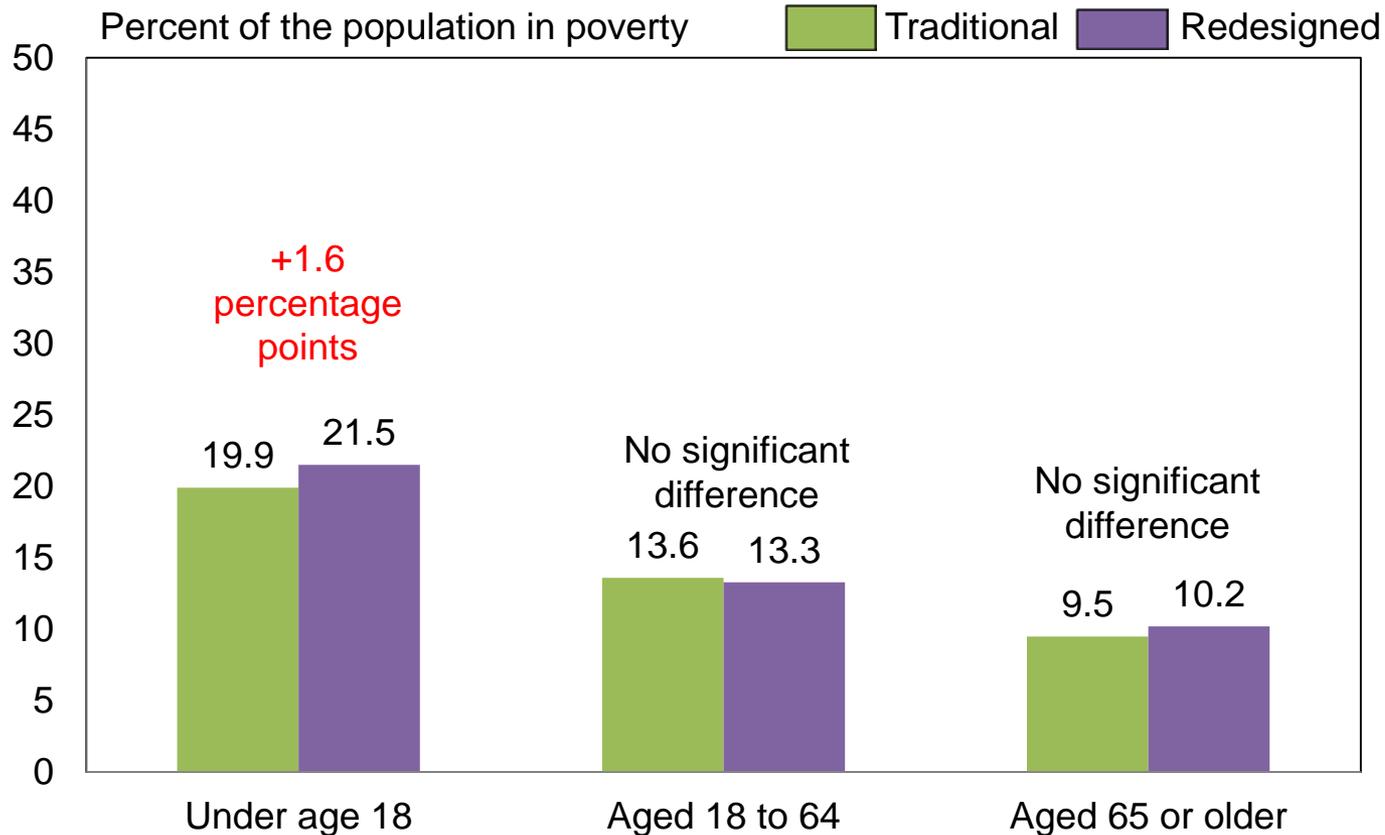


Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# **Most differences in official poverty estimates between the sample with the traditional income questions and the sample with the redesigned income questions were not statistically significant**

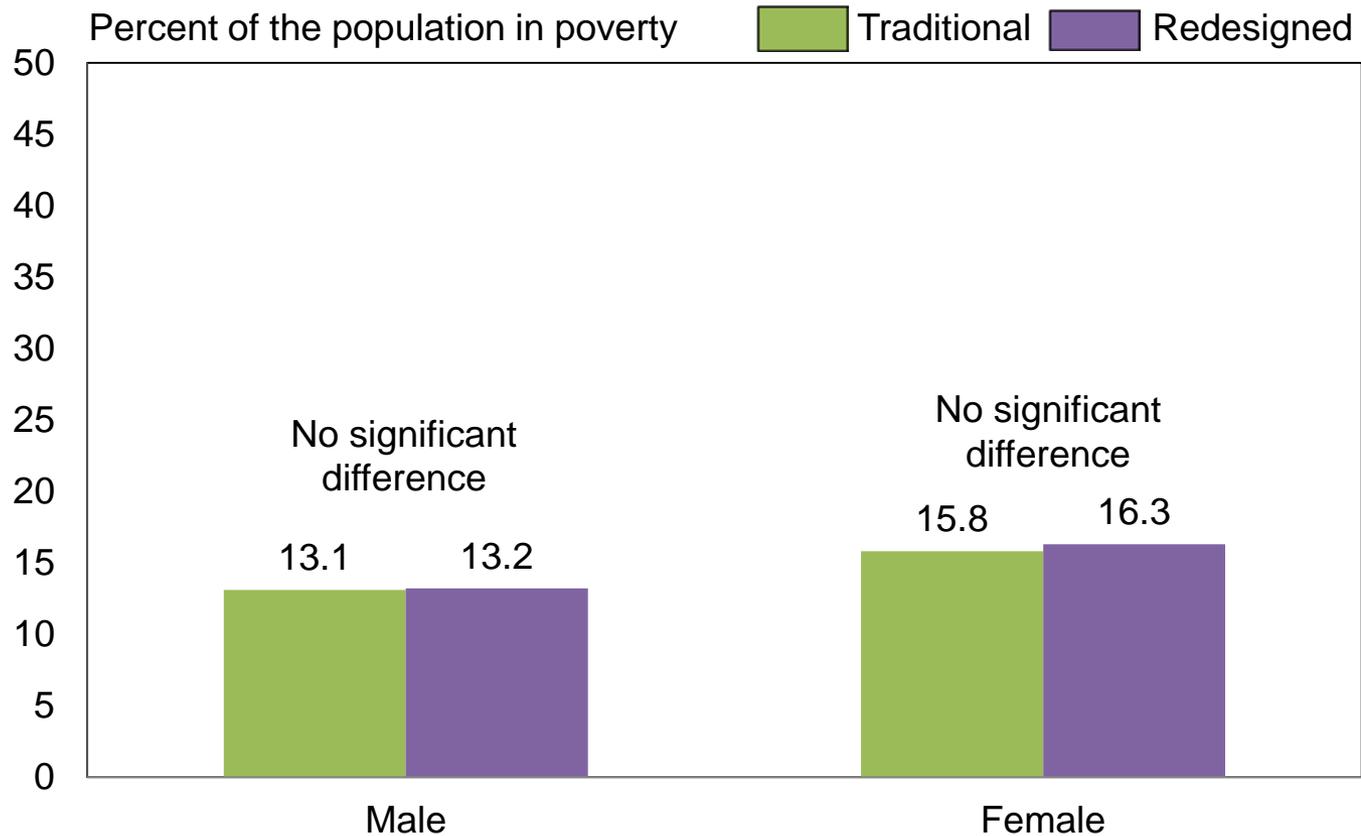
- Exceptions were:
  - Lower poverty rates for Blacks and people who worked less than full-time, year-round with the redesigned questions
  - Higher poverty rates for children, Whites, Asians and people in the Midwest with the redesigned income questions

# Official Poverty Rates by Age: 2013



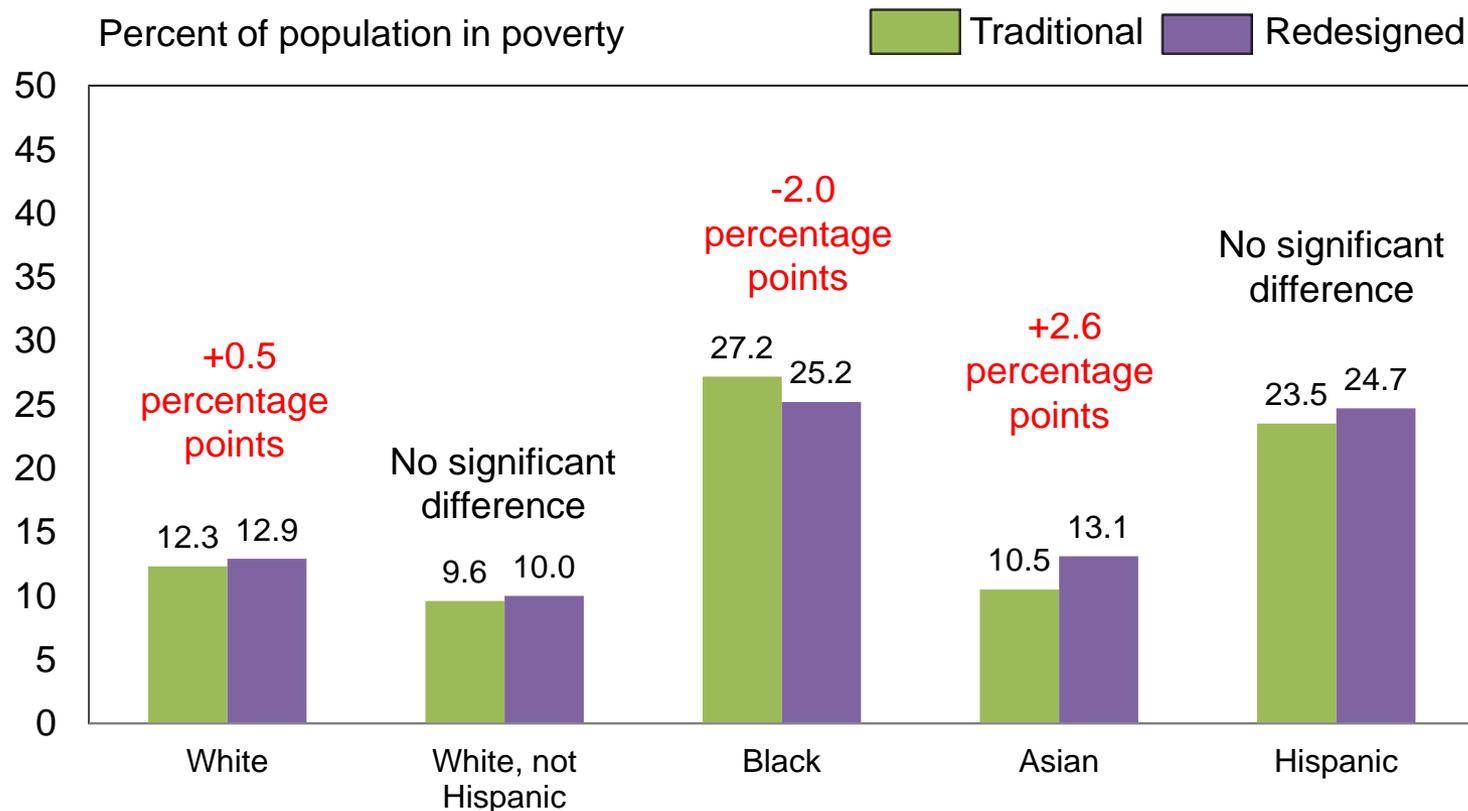
Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# Poverty Rates by Sex: 2013



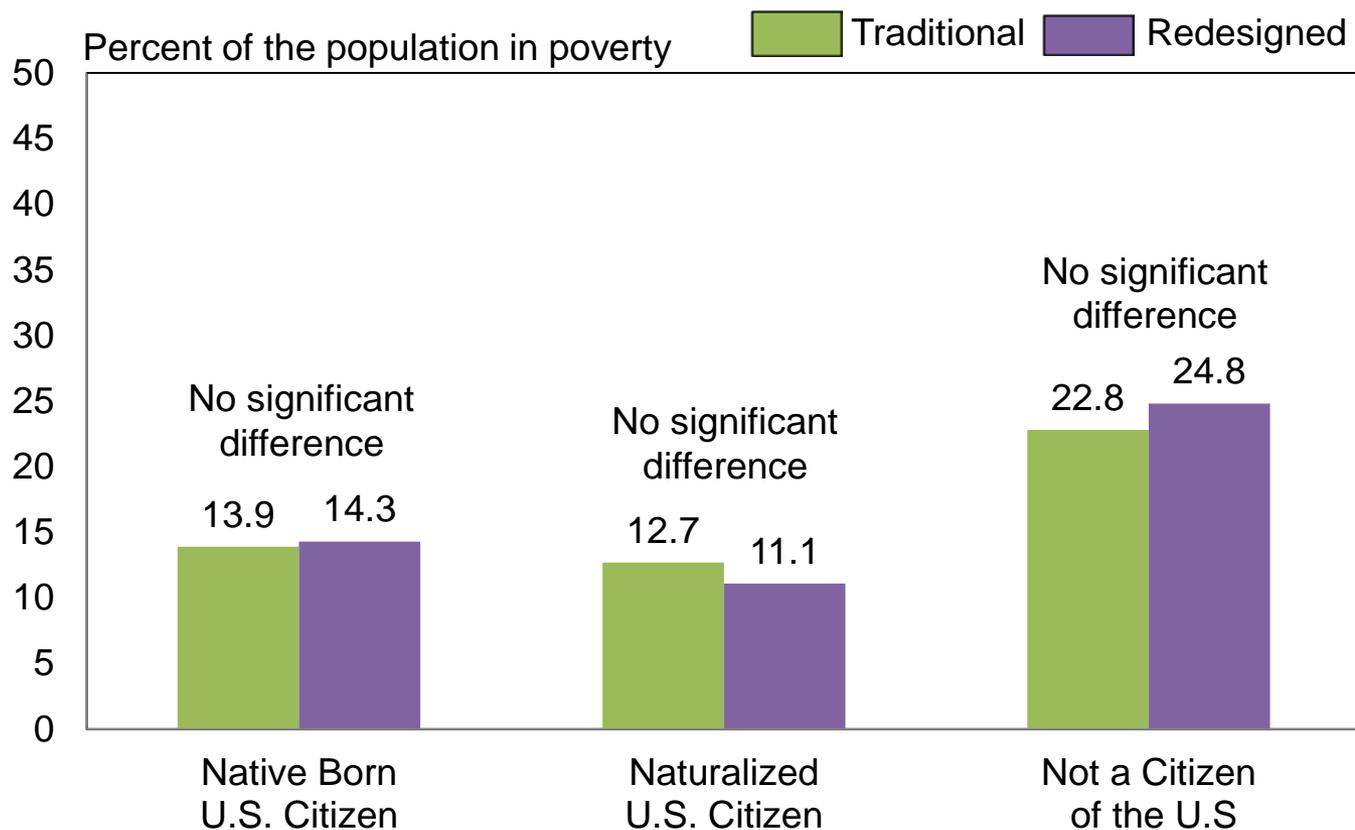
Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# Poverty Rates by Race and Hispanic Origin: 2013



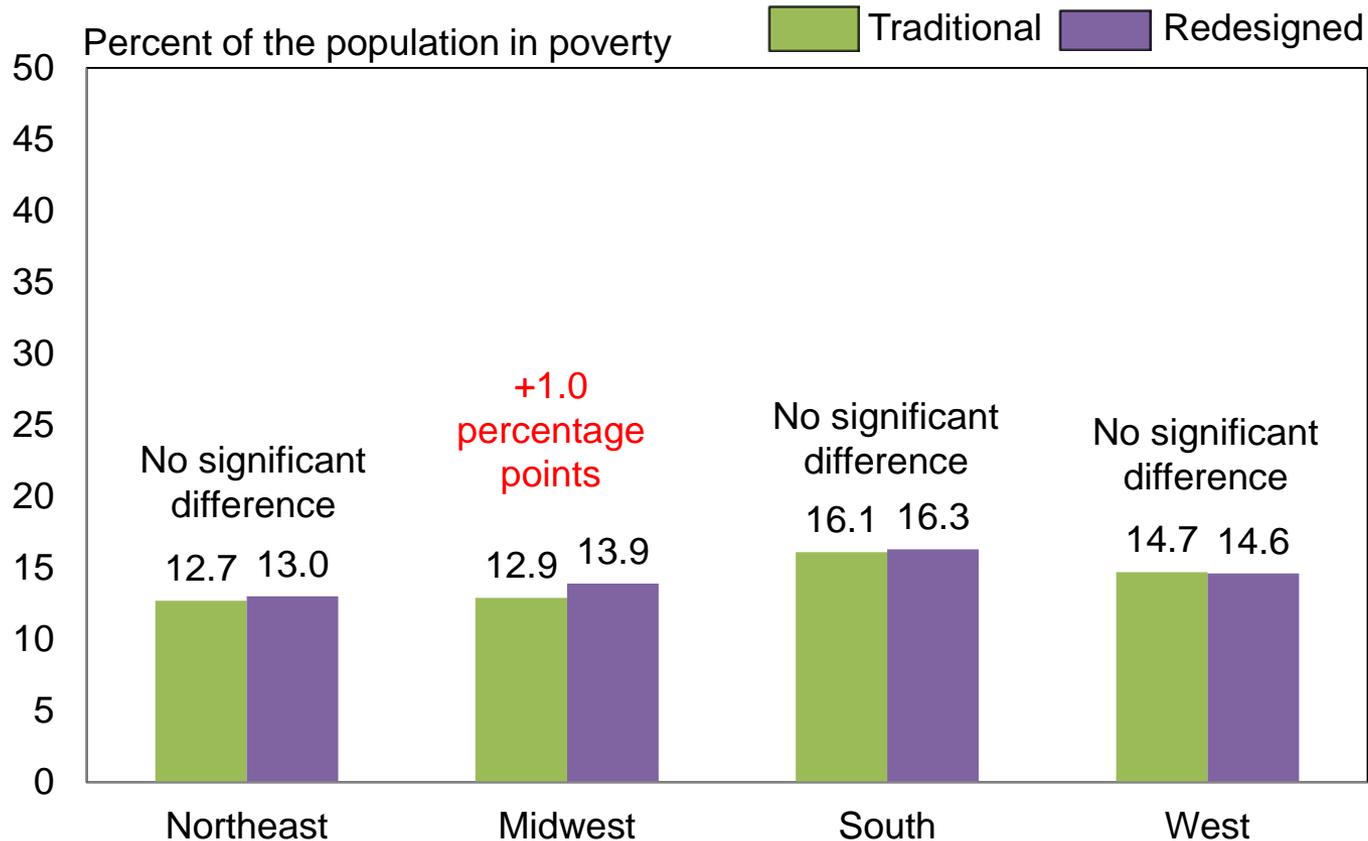
Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# Poverty Rates by Nativity/Citizenship: 2013



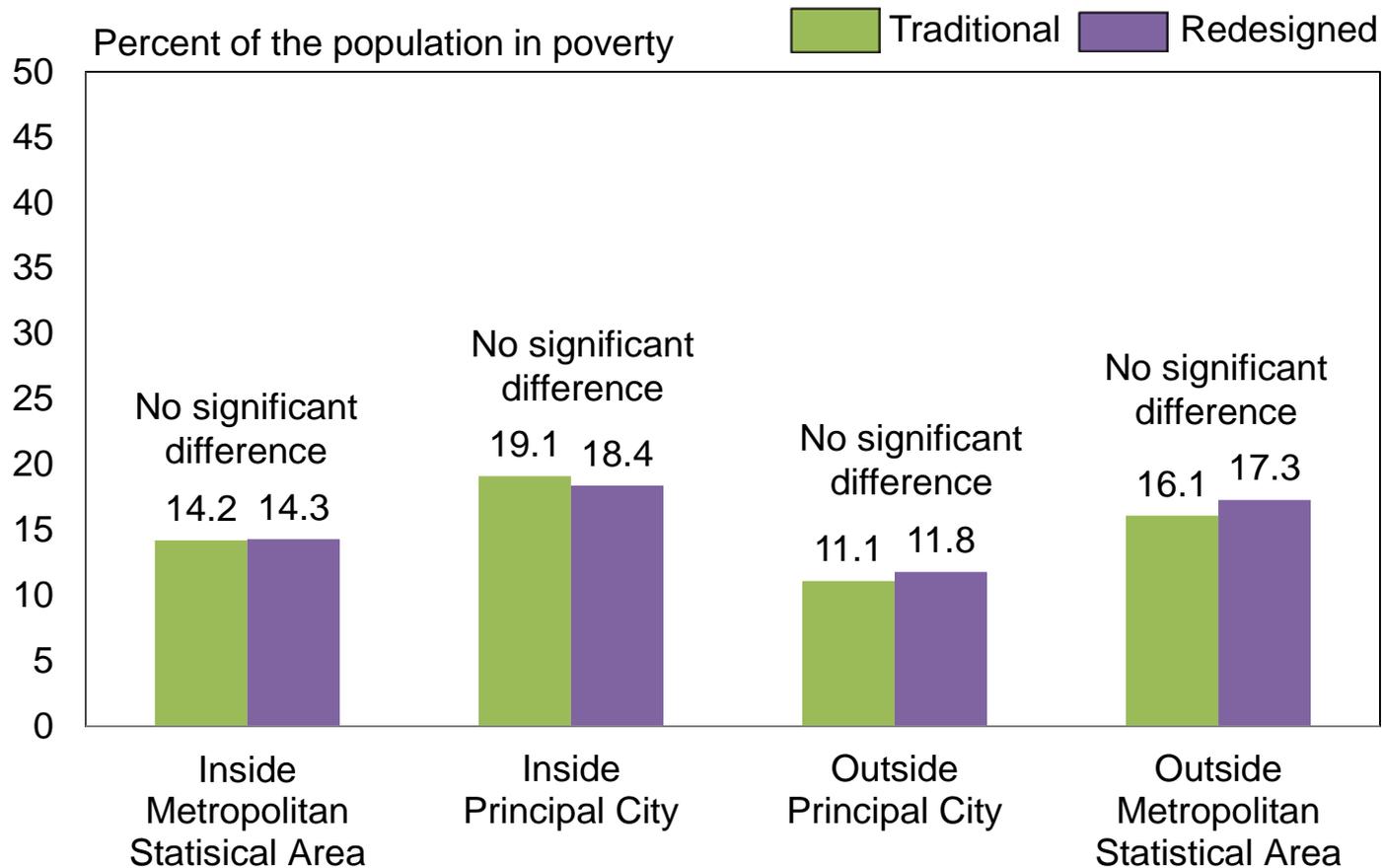
Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# Poverty Rates by Region: 2013



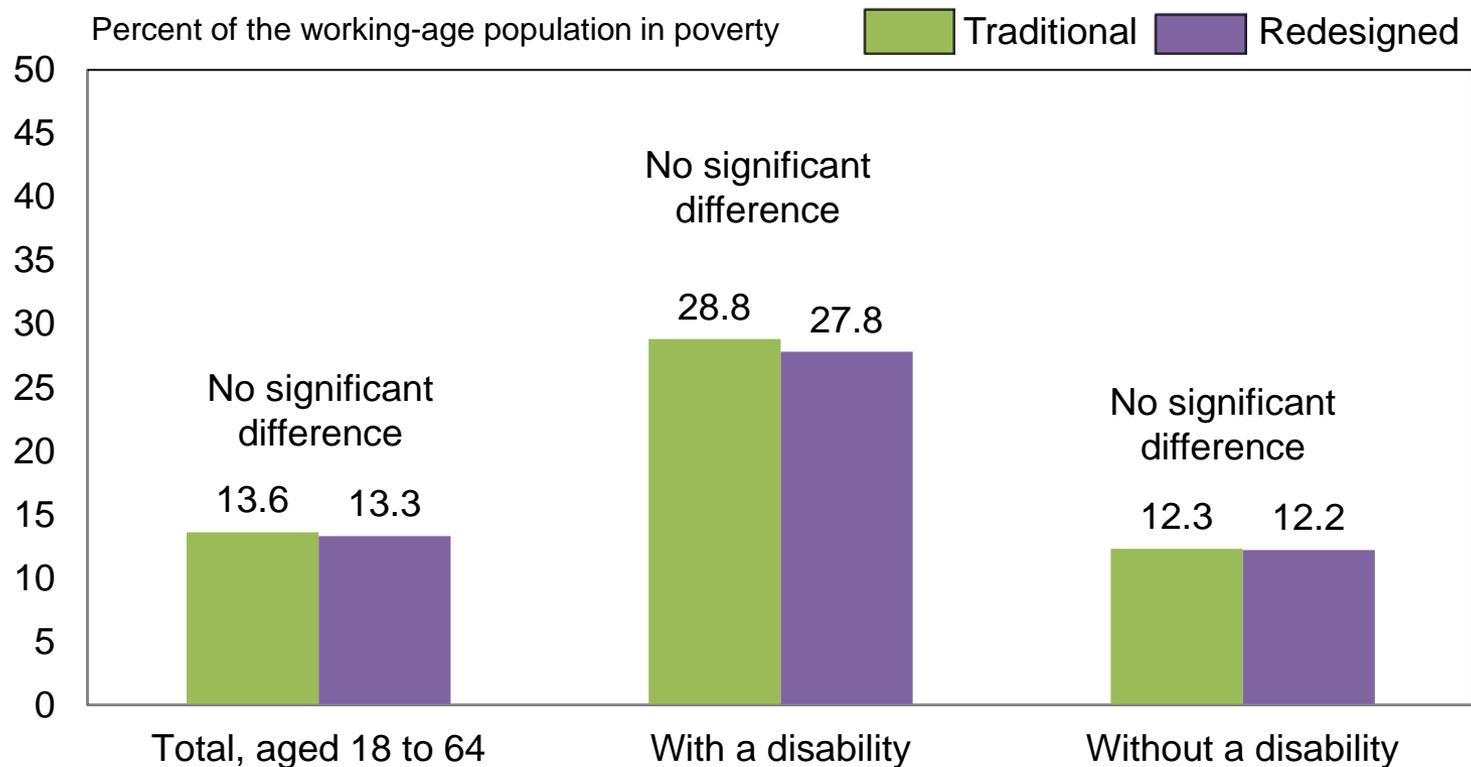
Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# Poverty Rates by Place of Residence: 2013



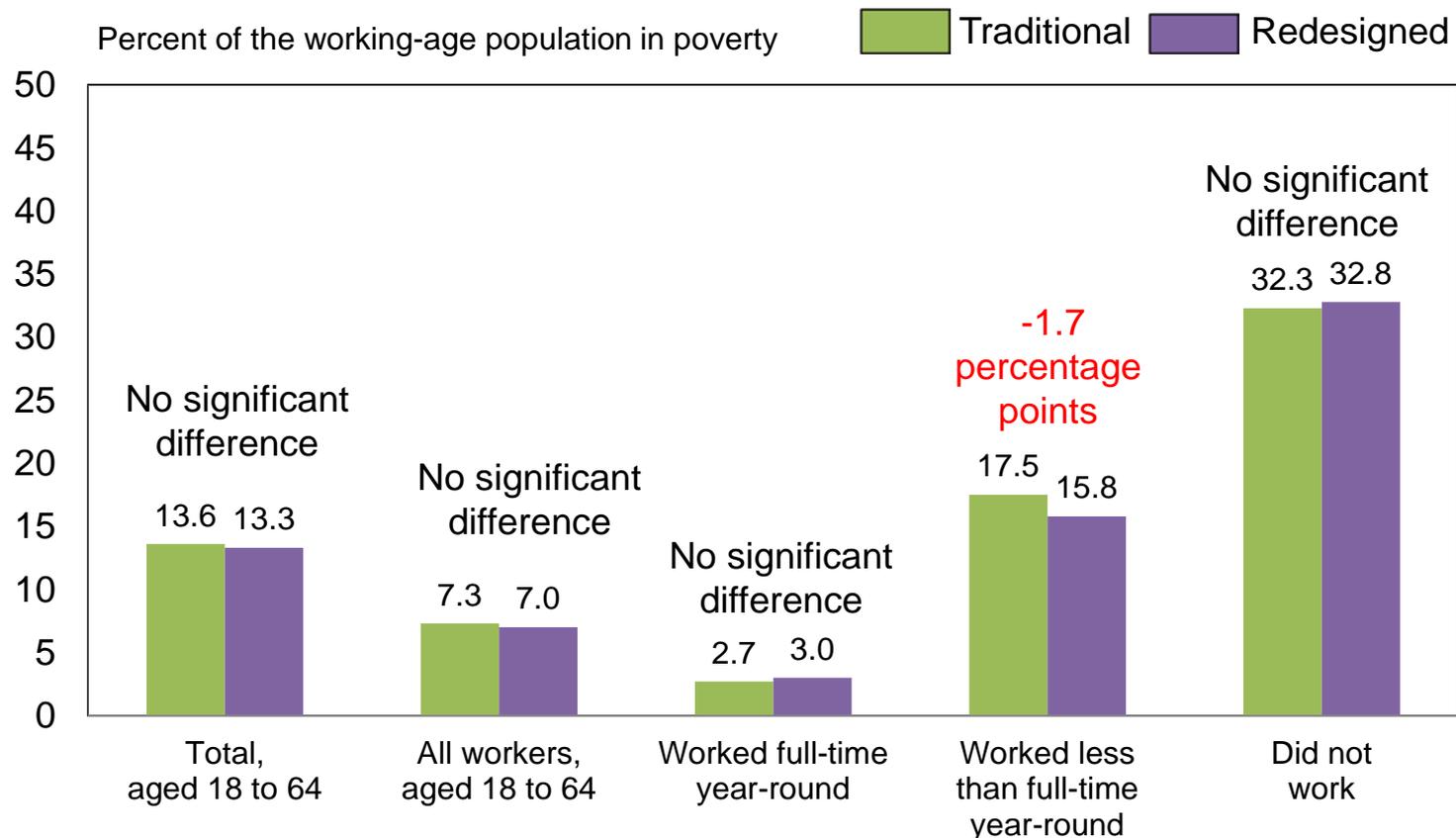
Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# Poverty Rates by Disability Status: 2013



Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

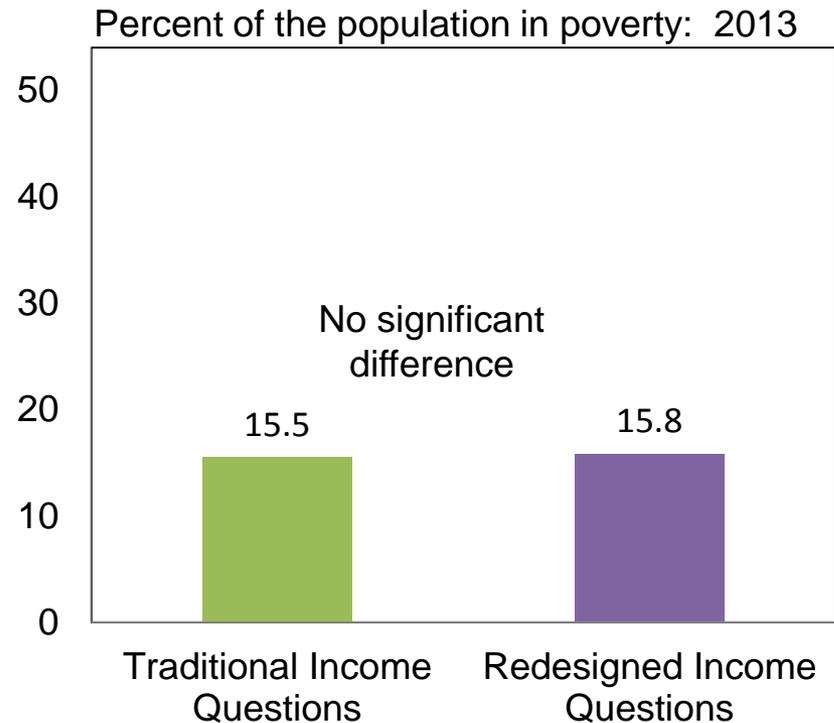
# Poverty Rates by Work Experience: 2013



Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# Supplemental Poverty Measure (SPM)

- Since 2011 the Census Bureau has also released poverty estimates using the Supplemental Poverty Measure (SPM)
- Overall difference in SPM poverty rates across samples for 2013 was not statistically significant: 15.5 (+/-0.3) percent vs. 15.8 (+/-0.5) percent
- Few demographic groups with statistically significant differences in SPM rates



Source: U.S. Census Bureau, Current Population Survey, 2014 Annual Social and Economic Supplement.

# Income and Poverty Estimates for 2013: August 2015 Releases

- Full set of detailed income and poverty tables with estimates for 2013 from the redesigned sample

Annual Social and Economic (ASEC) Supplement	
2013 Poverty Table of Contents	
These data come from the CPS 2014 Annual Social and Economic Supplement, formerly called the March Supplement.	
For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <a href="http://ftp2.census.gov/programs-surveys/cps/techdocs/cpsmar14.pdf">ftp://ftp2.census.gov/programs-surveys/cps/techdocs/cpsmar14.pdf</a> [PDF].	
Table Number	Title
	<a href="#">Table Renumbering</a> : Old tables mapped to new tables
POV01	<a href="#">Age and Sex of All People, Family Members and Unrelated Individuals Iterated by Income-to-Poverty Ratio and Race (Based on Redesigned income questions and CPS ASEC sample of 30,000 addresses)</a> <a href="#">Age and Sex of All People, Family Members and Unrelated Individuals Iterated by Income-to-Poverty Ratio and Race (Based on Traditional income questions and CPS ASEC sample of 68,000 addresses)</a>
POV02	<a href="#">People in Families by Family Structure, Age, and Sex, Iterated by Income-to-Poverty Ratio and Race (Based on Redesigned income questions and CPS ASEC sample of 30,000 addresses)</a> <a href="#">People in Families by Family Structure, Age, and Sex, Iterated by Income-to-Poverty Ratio and Race (Based on Traditional income questions and CPS ASEC sample of 68,000 addresses)</a>

- 2014 CPS ASEC public use file for the sample eligible to receive the redesigned income questions
- SPM research file for the redesigned sample (reference year 2013)

# 2014 Income Consistent Research File

- Full 2014 CPS ASEC sample --- all 98,000 addresses
- Uses statistical techniques to model values for three income sources: retirement income, interest and dividends in the sample that received the traditional income questions
  - Three income sources with the largest differences between the two subsamples
  - Model was run 10 times. File will include the results of all ten runs of the model to enable researchers to factor in the increased variance due to these imputations
  - Working paper presented last month at the Joint Statistical Meetings and posted on our web site provides more details
- Research file will be posted at:  
[http://www.census.gov/housing/extract\\_files/toc.html](http://www.census.gov/housing/extract_files/toc.html)



# For both income and poverty, year-to-year comparisons will be to 2013 estimates from the redesign sample

Table 3.

## People in Poverty by Selected Characteristics: 2013 and 2014

(Numbers in thousands, margin of error in thousands or percentage points as appropriate. People as of March of the following year. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <ftp://ftp2.census.gov/programs-surveys/cps/techdocs/cpsmar15.pdf>)

Characteristic	2013 <sup>1</sup>					2014					Change in poverty (2014 less 2013) <sup>2,3*</sup>	
	Total	Below poverty				Total	Below poverty				Number	Percent
		Number	Margin of error <sup>2</sup> (±)	Percent	Margin of error <sup>2</sup> (±)		Number	Margin of error <sup>2</sup> (±)	Percent	Margin of error <sup>2</sup> (±)		
<b>PEOPLE</b>												
<b>Total</b> .....	313,096	46,269	1,474	14.8	0.5							
<b>Family Status</b>												
In families .....	256,070	32,786	1,370	12.8	0.5							
Householder .....	82,316	9,645	421	11.7	0.5							
Related children under age 18 .....	72,246	15,116	723	20.9	1.0							
Related children under age 6 .....	23,606	5,590	340	23.7	1.4							
In unrelated subfamilies .....	1,626	776	220	47.7	8.4							
Reference person .....	661	291	86	44.0	8.2							
Children under age 18 .....	844	448	130	53.1	9.3							
Unrelated individuals .....	55,400	12,707	579	22.9	0.9							
<b>Race<sup>4</sup> and Hispanic Origin</b>												
White .....	243,346	31,287	1,073	12.9	0.4							
White, not Hispanic .....	195,118	19,552	815	10.0	0.4							
Black .....	40,498	10,186	632	25.2	1.6							
Asian .....	17,257	2,255	330	13.1	1.9							
Hispanic (any race) .....	54,181	13,356	801	24.7	1.5							
<b>Sex</b>												
Male .....	153,465	20,294	769	13.2	0.5							
Female .....	159,630	25,975	902	16.3	0.6							
<b>Age</b>												
Under age 18 .....	73,439	15,801	725	21.5	1.0							
Aged 18 to 64 .....	194,694	25,899	877	13.3	0.5							
Aged 65 and older .....	44,963	4,569	286	10.2	0.6							

# Historical tables will show two entries for calendar year 2013: traditional and redesign

U.S. Census Bureau

Table A-1.

## Households by Total Money Income, Race, and Hispanic Origin of Householder: 1967 to 2014

(Income in 2014 CPI-U-RS adjusted dollars. Households as of March of the following year. Beginning with 2010, standard errors were calculated using replicate weights. Before 2010, standard errors were calculated using the generalized variance function. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see [ftp://ftp2.census.gov/programs-surveys/cps/techdocs/cpsmar15.pdf](http://ftp2.census.gov/programs-surveys/cps/techdocs/cpsmar15.pdf))

Race and Hispanic origin of householder and year	Number (thousands)	Percentage distribution										Median income (dollars)		Mean income (dollars)			
		Total	Under \$15,000	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 to \$74,999	\$75,000 to \$99,999	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 and over	Value	Standard error	Value	Standard error		
<b>ALL RACES</b>																	
2014																	
2013 <sup>1</sup>	123,931	100.0	12.5	11.2	9.8	13.1	17.1	11.9	12.9	5.9	5.6	54,462	665	76,426	675		
2013 <sup>2</sup>	122,952	100.0	12.5	11.2	10.3	13.5	17.4	12.1	12.6	5.4	5.0	52,789	281	73,830	507		
2012	122,459	100.0	12.7	11.4	10.4	13.5	17.4	11.8	12.8	5.2	4.8	52,605	216	73,493	434		
2011	121,084	100.0	12.7	11.0	10.9	13.6	17.5	11.4	12.7	5.4	4.8	52,690	264	73,346	387		
2010 <sup>3</sup>	119,927	100.0	12.4	11.5	10.4	13.3	17.1	12.2	13.0	5.3	4.8	53,507	353	73,178	391		
2009 <sup>4</sup>	117,538	100.0	11.6	10.8	10.5	13.8	17.3	12.4	13.3	5.4	4.9	54,925	235	75,007	268		
2008	117,181	100.0	11.6	10.7	10.3	13.8	17.2	12.5	13.6	5.5	4.8	55,313	151	75,238	266		
2007	116,783	100.0	11.2	10.3	10.2	12.9	17.9	12.3	14.4	5.7	5.2	57,357	160	77,198	269		
2006	116,011	100.0	10.9	10.3	9.6	14.3	17.6	12.5	13.9	5.7	5.3	56,598	243	78,167	302		
2005	114,384	100.0	11.4	10.7	9.6	13.8	17.8	12.6	13.6	5.4	5.1	56,160	188	76,790	290		
2004 <sup>5</sup>	113,343	100.0	11.3	10.4	10.5	13.3	17.6	12.8	13.7	5.5	4.8	55,565	246	75,784	286		
2003	112,000	100.0	11.4	10.5	10.0	13.2	17.7	12.6	14.1	5.4	4.9	55,759	242	76,031	278		
2002	111,278	100.0	11.1	10.4	10.3	13.3	17.8	12.9	14.2	5.3	4.8	55,807	183	76,129	286		
2001	109,297	100.0	10.7	10.3	10.1	13.6	17.8	12.7	14.4	5.2	5.1	56,466	172	77,834	310		
2000 <sup>6</sup>	108,209	100.0	10.4	10.1	9.8	13.5	18.0	13.1	14.3	5.7	5.0	57,724	181	78,544	309		
1999 <sup>7</sup>	106,434	100.0	10.3	10.3	9.8	13.7	18.0	13.1	14.3	5.4	5.1	57,843	270	77,799	404		
1998	103,874	100.0	11.1	10.4	9.7	13.7	18.5	13.0	14.1	5.0	4.5	56,445	334	75,272	406		
1997	102,528	100.0	11.6	10.7	10.1	13.7	18.7	13.0	13.3	4.8	4.1	54,443	252	73,109	409		
1996	101,018	100.0	11.7	11.3	10.2	14.3	18.0	13.6	12.5	4.7	3.6	53,345	269	70,827	397		
1995 <sup>8</sup>	99,627	100.0	11.8	11.6	10.3	14.3	18.9	12.8	12.6	4.2	3.5	52,604	304	69,372	380		
1994 <sup>9</sup>	98,990	100.0	12.7	11.7	10.6	14.1	18.6	12.6	12.1	4.1	3.4	51,006	232	68,189	367		
1993 <sup>10</sup>	97,107	100.0	13.2	11.5	10.6	14.6	18.6	12.6	11.9	4.0	3.1	50,421	236	66,862	362		
1992 <sup>11</sup>	96,426	100.0	13.2	11.7	10.5	14.5	18.9	13.0	11.7	3.8	2.7	50,667	240	64,235	270		
1991	95,669	100.0	12.8	11.1	10.6	14.7	19.5	12.8	12.1	3.8	2.6	51,086	246	64,307	265		
1990	94,312	100.0	12.4	10.8	9.9	14.9	20.0	13.2	12.2	3.8	2.9	52,623	269	65,734	278		
1989	93,347	100.0	12.1	10.7	9.9	14.6	19.6	13.5	12.6	4.0	3.0	53,306	293	67,347	293		
1988	92,830	100.0	12.7	10.5	10.6	13.9	19.8	13.5	12.3	3.8	2.8	52,372	256	65,438	292		
1987 <sup>12</sup>	91,124	100.0	13.1	10.7	10.3	14.5	19.7	13.2	12.3	3.6	2.6	51,973	245	64,634	265		
1986	89,479	100.0	13.4	10.8	10.3	14.6	19.9	13.2	11.8	3.6	2.4	51,329	266	63,414	258		
1985 <sup>13</sup>	88,458	100.0	13.6	11.0	10.9	14.8	20.4	12.9	11.3	3.1	2.1	49,574	269	61,009	241		
1984 <sup>14</sup>	86,789	100.0	13.4	11.7	11.2	15.0	20.2	12.9	10.7	3.0	1.9	48,664	221	59,625	219		
1983	85,407	100.0	14.0	11.9	11.3	15.6	20.2	12.6	9.9	2.7	1.7	47,229	215	57,441	215		
1982	83,918	100.0	14.3	11.7	11.1	15.9	20.6	12.4	9.8	2.5	1.6	47,530	214	57,281	212		
1981	83,527	100.0	13.9	11.9	11.6	15.1	20.9	13.0	9.9	2.3	1.4	47,658	250	56,935	207		
1980	82,368	100.0	13.6	11.5	11.2	15.3	21.5	13.1	9.9	2.5	1.3	48,462	249	57,637	211		
1979 <sup>15</sup>	80,776	100.0	13.1	11.2	11.0	14.9	21.3	14.0	10.2	2.7	1.6	50,089	237	59,500	225		
1978	77,330	100.0	13.0	11.5	10.9	14.8	21.8	13.7	10.3	2.5	1.5	50,184	203	59,066	227		

Income and p

# Table Creator will be updated to allow users to select among three files for 2013: traditional, redesign and full

**CPS Table Creator**

Table Criteria:

**Data Options**

Get Count of:  [Help](#)

Number of Years:  Latest Year:

One Table Showing Multi-Year Averages  
 Separate Table For Each Year

For 2014 File:

- Sample with Traditional Income Questions
- Sample with Traditional Income Questions
- Sample with Redesigned Income Questions Combined File for Health Insurance Estimates

[« Hide Panel](#)

**Filters/Subsets:** [Help](#)

All States  All Sexes  All Races  All Origins  All Nationalities  Full/Part Time  All Worker Stat

The CPS Table Creator gives you the ability to create customized tables from the Current Population Survey's Annual Social and Economic Supplement.

- Complete the form to the left and press the "Get Table" button at the top or bottom of the form to create your table.
- To create a table, you must make one or more selections in the **Define Your Table** section. For all other sections, you may use the default selections or enter alternate selections to customize the table to meet your needs.
- For help in getting started, see the [detailed examples](#) of completing the form to create a table.

**Disclaimer:**

*While tabulations may be conceptually the same as published estimates, in many cases they will not exactly match published estimates because the Table Creator uses the CPS public use file. The CPS public use file lacks some of the detailed income information, topcodes several categories of income, and suppresses some geographic identifiers in order to protect survey confidentiality.*

*\* This tool is best viewed with normal font settings and in the Firefox web browser.*

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# 2015 CPS ASEC public use file



The screenshot shows a web browser window with the address bar containing the URL: [thedataweb.rm.census.gov/ftp/cps\\_ftp.html#cpsmarch](http://thedataweb.rm.census.gov/ftp/cps_ftp.html#cpsmarch). The page header features the United States Census Bureau logo and a navigation menu with the following items: Topics (Population, Economy), Geography (Maps, Data, Resources), Library (Infographics, Publications), and Data (Tools, D). The main heading is "Current Population Survey". Below this, there are several links: [Basic Monthly CPS January 1994 - Present](#), [CPS Basic Extraction for 2000 Based Weights and Revised I & O](#), [CPS March Supplement 1998 - Present](#), [CPS Supplement](#), and [CPS Replicate Weight](#).

# Not being released on September 16 – tables with multi-year estimates

**Table H-16. Income of Households by Race and Hispanic Origin Using 2- and 3-Year Moving Average Medians: 1987 to 2013**

(Households as of March of the following year. Standard errors calculated using General Variance Function. Income in 2013 CPI-U-RS adjusted dollars (28))

All Races

Race, Hispanic origin, and year	Annual		3-year moving average median income*		2-year moving average median income*		
	Number (thousands)	Median income (in 2013 dollars)		Value	Standard error	Value	Standard error
		Value	Standard				

**Percentage of People in Poverty by State Using 2- and 3-Year Averages: 2010-2011 and 2012-2013**

(People as of March of the following year. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <ftp://ftp2.census.gov/programs-surveys/cps/techdocs/cpsmar14.pdf>)

Year	State	3-year average		2-year average		Change in percentage points (2012-2013 average less 2010-2011 average) <sup>3</sup>
		2011-2013 <sup>1</sup>	90 percent confidence interval <sup>2</sup>	2010-2011	2012-2013 <sup>1</sup>	
2013 (38)						
2012						
2011						
2010 (37)						
2009 (36)						
2008						
2007						
2006						
2005						
2004 (35)						
2003						
2002						

United States....	14.8	
Alabama.....	16.1	
Alaska.....	10.9	
Arizona.....	18.8	
Arkansas.....	18.7	
California.....	15.9	
Colorado.....	11.9	
Connecticut.....	10.6	
Delaware.....	13.7	
District of Columbia..	19.9	
Florida.....	15.0	

**Table 4.**

## Number and Percentage of People in Poverty by State Using 3-Year Average Over 2011, 2012, and 2013

(Data for 2013 are based on the CPS ASEC sample of 68,000 addresses.<sup>1</sup> Numbers in thousands, confidence intervals [C.I.] in thousands or percentage points as appropriate. People as of March of the following year. For information on confidentiality protection, sampling error, nonsampling error, and definitions, see <ftp://ftp2.census.gov/programs-surveys/cps/techdocs/cpsmar14.pdf>)

State	Official** 3-year average 2011 to 2013				SPM 3-year average 2011 to 2013				Difference	
	Number	90 per- cent C.I. <sup>1</sup> (±)	Percent	90 per- cent C.I. <sup>1</sup> (±)	Number	90 per- cent C.I. <sup>1</sup> (±)	Percent	90 per- cent C.I. <sup>1</sup> (±)	Number	Percent
<b>United States.....</b>	<b>46,444</b>	<b>584</b>	<b>14.9</b>	<b>0.2</b>	<b>49,323</b>	<b>614</b>	<b>15.9</b>	<b>0.2</b>	<b>*2,879</b>	<b>*0.9</b>
Alabama.....	772	60	16.2	1.2	672	69	14.1	1.4	*-100	*-2.1
Alaska.....	79	10	11.2	1.5	90	10	12.7	1.3	*11	*1.6
Arizona.....	1,253	123	18.9	1.9	1,259	118	19.0	1.8	6	0.1
Arkansas.....	547	65	18.7	2.3	470	55	16.1	1.9	*-77	*-2.6
California.....	6,072	207	16.0	0.5	8,871	266	23.4	0.7	*2,798	*7.4
Colorado.....	620	63	12.0	1.2	660	57	12.8	1.1	41	0.8
Connecticut.....	376	35	10.7	1.0	441	35	12.5	1.0	*65	*1.9
Delaware.....	125	11	13.8	1.2	126	11	13.9	1.2	1	0.1
District of Columbia.....	127	10	19.9	1.5	142	11	22.4	1.7	*15	*2.4
Florida.....	2,896	150	15.1	0.8	3,675	152	19.1	0.8	*779	*4.1

# Summary

- Differences in poverty rates for the total population from the two samples were not statistically significant
  - Few statistically significant differences in poverty between two subsamples for demographic subgroups
- August releases – detailed tables, public use file using the redesigned sample, and SPM research file.
- Coming soon – income consistent research file
- September 16
  - Official and SPM poverty reports on the same day
  - Year-to-year comparisons will use the sample with the redesigned questions for the 2013 estimates

# Thank You

## Contact Information

Trudi Renwick

[trudi.j.renwick@census.gov](mailto:trudi.j.renwick@census.gov)