

Historical Supplemental Poverty Measure data using the Current Population Survey

Columbia Center on Poverty and Social Policy (CPSP)

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Update: 9/5/2025

See section V for record of updates

I. Overview

This documentation provides details about the data sources used to construct our historical Supplemental Poverty Measure series (hereafter, SPM data) and a description of each SPM-related variable present in the public use SPM data. We also provide linking variables to merge our historical SPM data with raw CPS data. Please contact the Columbia SPM project team at cpsp@columbia.edu if you have any questions regarding our data. For questions about our methods for constructing or imputing variables, we ask users to please first reference Fox et al. (2015), as these are captured with great detail in both the body and technical appendix of this publication. The methods used to construct the geographic adjustments for the SPM can be found in Nolan et al. (2016).

Citation for publications and research reports based on the historical SPM data:

Wimer, Christopher, Liana Fox, Sophie Collyer, Irwin Garfinkel, Neeraj Kaushal, Jennifer Laird, Jaehyun Nam, Laura Nolan, Jessica Pac, Ryan Vinh, and Jane Waldfogel. 2024. [Historical Supplemental Poverty Measure data](#). New York: Center on Poverty and Social Policy, Columbia University.

II. Data Sources and Construction

We use the best available data to construct our SPM data. To produce SPM estimates for calendar years 1967 to 2008, we rely mainly on data from the Current Population Survey's Annual Social and Economic Supplement (also known as the CPS-ASEC). These data are drawn from two different data sources—Unicon CPS and NBER CPS. We use Unicon CPS data for calendar years 1967-1990 (survey years 1968 – 1991) and we use NBER CPS data for calendar years 1991-2008 (survey years 1992 – 2009).¹ For calendar years 2009 (survey year 2010) to present, we use the IPUMS-CPS files which draw the SPM variables from the Census Bureau Public Use Research Files.

¹ We use additional data sources, such as the Consumer Expenditure (CE) survey and Survey of Income and Program Participation, to calculate poverty thresholds and impute medical-out-of-pocket (MOOP) expenses and child care and work expenses.

Historical Supplemental Poverty Measure Data User Guide

- 1) **Survey year:** 1968-1991
Calendar year: 1967-1990
 - a. Data source: Unicon CPS
 - b. [Unicon](#) no longer hosts the CPS-ASEC data, which is now held by IPUMS. New users should contact IPUMS directly to access these data (<https://cps.ipums.org/cps/>).

- 2) **Survey year:** 1992-2009
Calendar year: 1991-2008
 - a. Data source: NBER CPS
 - b. Raw data can be accessed at <http://www.nber.org/data/current-population-survey-data.html>

- 3) **Survey year:** 2010 – present
Calendar year: 2009 – present
 - a. Data source: SPM Public Use Research File, which can now be retrieved from IPUMS-CPS
 - b. Raw data can be accessed at <https://cps.ipums.org/cps/index.shtml>.

NOTE: Our SPM data includes both raw data from the CPS-ASEC and variables constructed by the Columbia SPM project team. In this document, we describe both the raw CPS-ASEC variables we used and those we created. We have also constructed linking variables that can be used if you would like to link the variables we created to a complete CPS-ASEC data set with all of the raw variables for a given year. Our key merging variables link our SPM data to IPUMS-CPS files.

III. Key Variables

1. Merge variables

To merge our SPM data to IPUMS-CPS, users need to construct the following linking variables:

- 1) **Survey year:** 1968-1975
Calendar year: 1967-1974
Linking variables: year serial lineno sex age
**Note that the year variable in the Historical SPM data and the IPUMS data represents the survey year.*

- 2) **Survey year:** 1976-1978
Calendar year: 1975-1977
Linking variables: year serial pernum sex age
** Note that the year variable in the Historical SPM data and the IPUMS data represents the survey year.*

- 3) **Survey year:** 1979-present
Calendar year: 1978-present
Linking variables: year serial lineno sex age
**Note that the year variable in the Historical SPM data and the IPUMS data represents the survey year.*

NOTE about group quarters and non-matches: We exclude from our poverty universe individuals living in group quarters. For this reason, you will not find matches in the Historical SPM data for individuals from the IPUMS-CPS data identified as living in group quarters.

NOTES about issues when merging: In earlier years of the data, there are some issues that arise when merging the Historical SPM data with the IPUMS-CPS data. See Appendix A, Table A1 for the number of matched cases expected between the Historical SPM data series and the IPUMS-CPS. See Appendix A, Table A2 for a description of issues that arise when merging these datasets.

NOTES about duplicates: In earlier years of data, one identifies duplicate observations when constructing identifiers using year, serial, age, and sex. In nearly all years except survey year 1972, these duplicates are present in the Historical SPM data *and* the IPUMS-CPS data. These observations can be matched with a m:m merge. Table A3 in Appendix A lists the number of duplicates by survey year and Table A2 in Appendix A describes the additional issue with duplicates in the survey year 1972 data.

IV. Codebook

The variables listed in the table are available in our SPM data.

Variable	Description	Notes
Key Variables		
year	Survey year	Matches IPUMS-CPS <i>year</i> variable. This pertains to the year that the survey was administered (e.g., 1968 refers to <i>calendar year</i> 1967).
SPMu_ID	SPM unit identification number	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
serial	Household ID	Matches IPUMS-CPS variable.
lineno	Line number in a household	Available for all survey years except for 1976-1978.
pernum	Person ID within family	Available for survey years 1976-1978.
age	Age	Matches IPUMS-CPS variable.
sex	Sex	Matches IPUMS-CPS variable.
Poverty Variables		
SPMu_Poor_Metadj	Geographic adjusted SPM poverty status	We generate the variable for survey years 1968-2009. For survey years

Historical Supplemental Poverty Measure Data User Guide

		2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_Poor_Metadj_anch_cen	Geographic adjusted <i>anchored</i> SPM poverty status	Anchored to calendar year 2012 SPM poverty threshold. We create this variable for all years.
offpov1	Official poverty status	Matches IPUMS-CPS variable.
Threshold Variables		
SPMu_PovThreshold_Metadj	Geographic adjusted SPM poverty threshold	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_PovThreshold1_cen_Metadj	Geographic adjusted <i>anchored</i> SPM poverty threshold	Anchored to calendar year 2012 SPM poverty threshold. We create this variable for all years.
SPM Resource Variables		
SPMu_Resources2	Total SPM resources for SPM unit. <ul style="list-style-type: none"> • SPMu_Resources=SPMu_totval+ SPMu_SNAPSub+ SPMu_CapHouseSub2+ SPMu_SchLunch+ SPMu_EngVal+ SPMu_WICval + SPMu_Stimulus + SPMu_FedEcRecov - SPMu_FedTax -SPMu_FICA -SPMu_stTax - SPMu_CapWknChCareXpns - SPMu_MedOOPnMCareB - SPMu_ChildSupPd 	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_totval	SPM unit's pre-tax market (cash) income	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_SNAPSub	SPM unit's Supplemental Nutrition Assistance Program (SNAP) subsidy (formerly Food Stamps)	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.

Historical Supplemental Poverty Measure Data User Guide

SPMu_CapHouseSub2	SPM unit's housing subsidy (capped)	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_SchLunch	SPM unit's National School Lunch Program (NSLP) subsidy	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_EngVal	SPM unit's Low-income Home Energy Assistance Program (LIHEAP) subsidy	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_WICval	SPM unit's Special Supplemental Nutrition Program for Women, Infants and Children (WIC) subsidy	We generate the variable for survey years 1976-2009. For survey years 2010 to present, it matches the Census-constructed variables available in the IPUMS-CPS files. Note that we do not calculate the value of WIC prior to survey year 1976 because we do not believe that we can accurately identify recipients in these years. The variable is set to 0 in these survey years.
SPMu_Stimulus	SPM unit's 2008 Economic Stimulus payments	Only available in survey year 2009.
SPMu_FedEcRecov	SPM unit's 2009 Economic Recovery Payments	Only available in survey year 2010.
SPMu_FedTax	SPM unit's Federal tax It should be noted that SPMu_EITC is included in our calculation of Federal tax.	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.

Historical Supplemental Poverty Measure Data User Guide

SPMu_FICA	SPM unit's Federal Insurance Contributions Act and federal retirement contribution	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_stTax	SPM unit's state income tax	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_CapWknChCareXpns	SPM unit's capped work and child care expenses	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_MedOOPnMCareB	SPM unit's Medical Out-Of-Pocket (MOOP) and Medicare Part B subsidy	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_ChildSupPd	SPM unit's child support paid	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_EITC	SPM unit's Federal Earned Income Tax Credit	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_Welf	SPM unit's income from public assistance, largely from TANF (AFDC)	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.

Historical Supplemental Poverty Measure Data User Guide

SPMu_SSI	SPM unit's income from supplemental security	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_SS	SPM unit's income from social security or railroad retirement from US government	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_UE2	SPM unit's income from unemployment/workman's comp/veterans' payments/ govt pensions	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPM-related Variables		
SPMu_EquivScale	Equivalence scale used to adjust reference thresholds	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_Metadj	SPM unit's geographic adjustment for cost of living	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_Metadj_cen	SPM unit's geographic adjustment for cost of living based on the anchored thresholds	We generate the variable for all years.
SPMu_NumPer*	SPM unit's number of persons	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_NumKids*	SPM unit's number of children	We generate the variable for survey years 1968-2009. For survey years

Historical Supplemental Poverty Measure Data User Guide

		2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_NumAdults*	SPM unit's number of adults	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
SPMu_TenMortStatus*	SPM unit's tenure/mortgage status 1 Owner with Mortgage 2 Owner without Mortgage or rent-free 3 Renter	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
Weight Variables		
SPMu_Weight*	SPM unit's weight	We generate the variable for survey years 1968-2009. For survey years 2010 to present, it matches the Census constructed variables available in the IPUMS-CPS files.
asecwt	Person-level weight	Matches IPUMS-CPS variable.

V. Updates

9/5/2025:

- Updated suggested citation for Historical SPM data series.

9/16/2024:

- Updated documentation to reflect treatment of the 5/8ths and 3/8ths sample in the 2014 survey year data file. Data users can now produce estimates of the 2012 Anchored SPM using both samples, while previously this variable was only available for the 5/8ths sample.

9/11/2024:

- Updated the inflation series based on changes in the Bureau of Labor Statistics reporting of the R-CPI-U-RS. Due to gaps in coverage in the earlier years of the series, this inflation series combines the R-CPI-U-RS produced by the Census Bureau for inflation adjustments from 1967 to 1977 (also known as the CPI-U-X1 in these years), with the R-CPI-U-RS produced by the Bureau of Labor Statistics from 1978 to the present. The series will continue to use the numbers published by the Bureau of Labor Statistics for future years.
- Corrected an error in the *SPMu_TenMortStatus* variable in the 1968 to 1975 files. Homeowners with a mortgage and renters had previously been reverse coded, and this error has been corrected.

Historical Supplemental Poverty Measure Data User Guide

- Corrected an error in the *SPMu_Metadj* variable present in the 2010 to 2015 files. The *SPMu Metadj* files previously, in error, reflected the geographic adjustment applied only to the shelter and utilities portion of the SPM threshold. The files have been updated to correct for this error and this variable now reflects the ratio between the geographically-adjusted SPM threshold and the non-geographically-adjusted threshold, consistent with this variable in the years preceding 2010 and following 2015. This error did not affect the *SPMu Metadj_cen* variable.
- The *SPMu_Metadj* and *SPMu Metadj_cen* variables were also updated in the 1976 to 1978 files as there were some missing observations for these variables. This affected 740 cases in the 1976 file, 940 cases in the 1977 file, and 845 cases in the 1978 file. There are now no missing observations.

04/27/2023: Added Appendix A to aid in merging with the IPUMS-CPS file.

04/20/2023: Changed year variable in data from calendar year to survey year in order to make for easier merging with the IPUMS-CPS file.

05/19/2021: Updated geographic adjustment variable

- With this update, you can now use the geographic adjustment variable to create the *unadjusted* thresholds. To do so, simply divide the adjusted threshold by the geographic adjustment factor (*SPMu_Metadj*).
- We also added a geographic adjustment variable for the 2012 anchored thresholds (*SPMu_Metadj_cen*). You can use this variable to create the *unadjusted* anchored thresholds. To do so, simply divide the adjusted anchored threshold by the geographic adjustment factor for the anchored thresholds (*SPMu_Metadj_cen*).²

For more information on the imputation routines used to construct some of our variables, please see the technical appendix of (Fox et al. 2015). For more information on our construction of the Anchored SPM poverty measure, please see (Wimer et al. 2016).

Fox, Liana, Christopher Wimer, Irwin Garfinkel, Neeraj Kaushal, and Jane Waldfogel. 2015. "Waging War on Poverty: Poverty Trends Using a Historical Supplemental Poverty Measure." *Journal of Policy Analysis and Management* 34 (3): 567–92. doi:10.1002/pam.

Wimer, Christopher, Liana Fox, Irwin Garfinkel, Neeraj Kaushal, and Jane Waldfogel. 2016. "Progress on Poverty? New Estimates of Historical Trends Using an Anchored Supplemental Poverty Measure." *Demography* 53 (4). Demography: 1207–18. doi:10.1007/s13524-016-0485-7.

Nolan, Laura, et al. "A new method for measuring historical poverty trends: Incorporating geographic differences in the cost of living using the Supplemental Poverty Measure." *Journal of Economic and Social Measurement* 41.3 (2016): 237-264.

² To produce the geo-adjusted anchored thresholds (anchored to 2012) we first isolated the shelter and utilities portion of the 2012 threshold using data on spending and consumption in 2012. We then constructed the *unadjusted* anchored threshold and the *unadjusted* shelter and utilities portion of the anchored threshold in each year before and after 2012 by adjusting for inflation using the CPI-U-RS and adjusting for household size. Next, we multiplied the *unadjusted* shelter and utilities portion of the inflation-adjusted anchored threshold by the geographic adjustment factor in the year for which we were constructing the threshold. Finally, we replaced the *unadjusted* shelter and utilities portion of the anchored threshold with the *adjusted* value to get the geo-adjusted anchored thresholds. The process for developing the geographic adjustment factor for each year is described in Nolan et al. (2016).

Appendix A. Sample size for Historical SPM Data series and corresponding IPUMS-CPS data

Table A1. Number of matching cases between Historical SPM Data series and IPUMS-CPS data

Individual Year SPM Files			IPUMS CPS-ASEC						
Survey year	Calendar year	N	Survey Year	Calendar year	N <i>non-group quarters</i>	N <i>group quarters</i>	N <i>total</i>	N <i>matching cases</i>	N <i>issues with merge*</i>
1968	1967	150,647	1968	1967	150,647	266	150,913	150,646	1
1969	1968	151,550	1969	1968	151,550	298	151,848	151,549	1
1970	1969	144,585	1970	1969	144,573	450	145,023	144,585	118
1971	1970	146,417	1971	1970	146,417	405	146,822	146,417	0
1972	1971	140,333	1972	1971	140,139	293	140,432	140,333	338
1973	1972	135,893	1973	1972	135,893	328	136,221	135,893	0
1974	1973	132,901	1974	1973	132,901	381	133,282	132,901	0
1975	1974	129,841	1975	1974	129,841	283	130,124	129,841	0
1976	1975	135,053	1976	1975	135,053	298	135,351	135,053	0
1977	1976	160,395	1977	1976	160,395	404	160,799	160,395	0
1978	1977	155,350	1978	1977	155,350	356	155,706	155,350	0
1979	1978	154,214	1979	1978	154,214	379	154,593	154,214	0
1980	1979	181,040	1980	1979	181,040	448	181,488	181,040	0
1981	1980	180,961	1981	1980	180,961	397	181,358	180,961	0
1982	1981	162,371	1982	1981	162,371	332	162,703	162,371	0
1983	1982	162,403	1983	1982	162,403	232	162,635	162,403	0
1984	1983	160,894	1984	1983	160,894	273	161,167	160,894	0
1985	1984	161,028	1985	1984	161,028	334	161,362	161,028	0
1986	1985	157,338	1986	1985	157,338	323	157,661	157,338	0
1987	1986	155,171	1987	1986	155,171	297	155,468	155,171	0
1988	1987	155,755	1988	1987	155,755	225	155,980	155,755	0
1989	1988	144,497	1989	1988	144,497	190	144,687	144,497	0
1990	1989	157,862	1990	1989	157,862	217	158,079	157,862	0
1991	1990	158,232	1991	1990	158,232	245	158,477	158,232	0
1992	1991	155,528	1992	1991	155,528	268	155,796	155,528	0
1993	1992	154,977	1993	1992	154,977	220	155,197	154,977	0
1994	1993	150,770	1994	1993	150,770	173	150,943	150,770	0
1995	1994	149,536	1995	1994	149,536	106	149,642	149,536	0
1996	1995	130,421	1996	1995	130,421	55	130,476	130,421	0
1997	1996	131,800	1997	1996	131,800	54	131,854	131,800	0
1998	1997	131,559	1998	1997	131,559	58	131,617	131,559	0
1999	1998	132,244	1999	1998	132,244	80	132,324	132,244	0
2000	1999	133,624	2000	1999	133,624	86	133,710	133,624	0
2001	2000	218,152	2001	2000	218,152	117	218,269	218,152	0
2002	2001	217,107	2002	2001	217,107	112	217,219	217,107	0
2003	2002	216,290	2003	2002	216,290	134	216,424	216,290	0
2004	2003	213,103	2004	2003	213,103	138	213,241	213,103	0
2005	2004	210,567	2005	2004	210,567	81	210,648	210,567	0
2006	2005	208,475	2006	2005	208,475	87	208,562	208,475	0
2007	2006	206,497	2007	2006	206,497	142	206,639	206,497	0
2008	2007	206,300	2008	2007	206,300	104	206,404	206,300	0
2009	2008	207,849	2009	2008	207,849	72	207,921	207,849	0
2010	2009	209,729	2010	2009	209,729	73	209,802	209,729	0
2011	2010	204,914	2011	2010	204,914	69	204,983	204,914	0
2012	2011	201,314	2012	2011	201,314	84	201,398	201,314	0

Historical Supplemental Poverty Measure Data User Guide

2013	2012	202,537	2013	2012	202,537	97	202,634	202,537	0
2014	2013	199,464	2014	2013	199,464	92	199,556	199,464	0
2015	2014	198,909	2015	2014	198,909	115	199,024	198,909	0
2016	2015	185,320	2016	2015	185,320	167	185,487	185,320	0
2017	2016	185,730	2017	2016	185,730	184	185,914	185,730	0
2018	2017	180,010	2018	2017	180,010	74	180,084	180,010	0
2019	2018	180,027	2019	2018	180,027	74	180,101	180,027	0
2020	2019	157,880	2020	2019	157,880	79	157,959	157,880	0
2021	2020	163,482	2021	2020	163,482	61	163,543	163,482	0

*See Table A2 for specific details regarding issues with merge by year.

Table A2. Details regarding issues with Historical SPM Data Series merge with IPUMS-CPS data

Survey year	Calendar year	Description of Merge Error
1968	1967	The age variable for individual identified by serial number 12987 and lineno 3 does not match. The age variable for this individual equals 2 in the Historical SPM Data and 20 in the IPUMS-CPS data. This is due to a change made to the underlying data when processed by IPUMS. The original record has a left-justified value of 2 in the original data and was recoded to 20. This change was not made in the original files used to construct the Historical SPM data.
1969	1968	The age variable for individual identified by serial number 45877 and lineno 1 does not match. The age variable for this individual equals 2 in the Historical SPM Data and 20 in the IPUMS-CPS data. This is due to a change made to the underlying data when processed by IPUMS. The original record has a left-justified value of 2 in the original data and was recoded to 20. This change was not made in the original files used to construct the Historical SPM data.
1970	1969	<p>While all observations in the Historical SPM data merge onto the IPUMS data for this year, there are 118 issues with the merge.</p> <ul style="list-style-type: none"> • Issue 1: 65 cases in the Historical SPM data are matched to individuals in the IPUMS data identified as living in group quarters. These 65 cases were not originally identified as living in group quarters in the data used to produce the Historical SPM series and thus there are Historical SPM variables for these individuals. • Issue 2: There are 53 cases in the IPUMS-CPS file that were not in the original files used to produce the Historical SPM series. For this reason, we do not have Historical SPM variables for these observations. <p>Data users can identify these two groups of cases after merging the Historical SPM data with the IPUMS CPS data and running syntax below: <code>ta _merge gq</code> The 65 cases that merge (<code>_merge == 3</code>) but are in group quarters (<code>gq==2</code>) are those identified in issue 1. The 53 cases that are not matched in the merge (<code>_merge ==1</code>) and are not in group quarters (<code>gq==1</code>) are those identified in issue 2.</p>
1972	1971	<p>There are four primary issues when merging the 1972 survey year data:</p> <ul style="list-style-type: none"> • Issue 1: There are 136 cases in the IPUMS-CPS data for whom there are duplicate observations in the Historical SPM data series (totaling 333 observations, see Table A3 for additional information). For this reason, the sample size of the Historical SPM data file is larger than the IPUMS-CPS file. However, when you merge the Historical SPM data onto the IPUMS-CPS data with a m:m merge, these cases merge and the sample size increases. We are continuing to work with IPUMS-CPS to understand the origin of this discrepancy. Data users can identify these duplicate cases once merging the datasets with the following syntax. <code>duplicates tag year serial pernum, gen(duplicates)</code> <code>ta duplicates \ observations with a value above 0 have duplicates</code> • Issue 2: One observation is classified as living in group quarters in the IPUMS-CPS data but was not classified as such in the files used to construct the Historical SPM data. This individual is identified by serial number 25427 and lineno 2.

Historical Supplemental Poverty Measure Data User Guide

		<ul style="list-style-type: none">• Issue 3: One observation is classified as female in IPUMS-CPS data but was classified as male in the files used to construct the Historical SPM data. This individual is identified by serial number 35696 and lineno 2 and will not be matched when merging the files by serial, lineno, age, and sex.• Issue 4: There are two serial numbers (including three individuals) that are in the IPUMS-CPS data but were not in the original files used to construct the Historical SPM data. The serial numbers for these observations are 37639 and 45135 and they will not be matched when merging the data sets.
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Table A3. Duplicate observations in Historical SPM Data and IPUMS-CPS data

Historical SPM Data			IPUMS-CPS		
Survey year	Calendar year	N Duplicates <i>(based on year, serial, lineo, age, sex)</i>	Survey year	Calendar year	N Duplicates <i>(based on year, serial, lineo, age, sex)</i>
1968	1967	10	1968	1967	10
1969	1968	6	1969	1968	6
1970	1969	2	1970	1969	2
1971	1970	10	1971	1970	10
1972	1971	341	1972	1971	8
1973	1972	18	1973	1972	18
1974	1973	12	1974	1973	12
1975	1974	14	1975	1974	14
1976	1975	0	1976	1975	0
1977	1976	0	1977	1976	0
1978	1977	0	1978	1977	0
1979	1978	24	1979	1978	24
1980	1979	10	1980	1979	12
1981	1980	22	1981	1980	22
1982	1981	14	1982	1981	14
1983	1982	34	1983	1982	36
1984	1983	38	1984	1983	38
1985	1984	58	1985	1984	60
1986	1985	30	1986	1985	30
1987	1986	42	1987	1986	42
1988	1987	0	1988	1987	0
1989	1988	0	1989	1988	0
1990	1989	0	1990	1989	0
1991	1990	0	1991	1990	0
1992	1991	0	1992	1991	0
1993	1992	0	1993	1992	0
1994	1993	0	1994	1993	0
1995	1994	0	1995	1994	0
1996	1995	0	1996	1995	0
1997	1996	0	1997	1996	0
1998	1997	0	1998	1997	0
1999	1998	0	1999	1998	0
2000	1999	0	2000	1999	0
2001	2000	0	2001	2000	0
2002	2001	0	2002	2001	0
2003	2002	0	2003	2002	0
2004	2003	0	2004	2003	0
2005	2004	0	2005	2004	0
2006	2005	0	2006	2005	0
2007	2006	0	2007	2006	0
2008	2007	0	2008	2007	0
2009	2008	0	2009	2008	0
2010	2009	0	2010	2009	0
2011	2010	0	2011	2010	0
2012	2011	0	2012	2011	0

Historical Supplemental Poverty Measure Data User Guide

2013	2012	0	2013	2012	0
2014	2013	0	2014	2013	0
2015	2014	0	2015	2014	0
2016	2015	0	2016	2015	0
2017	2016	0	2017	2016	0
2018	2017	0	2018	2017	0
2019	2018	0	2019	2018	0
2020	2019	0	2020	2019	0
2021	2020	0	2021	2020	0
