

Improving the measure of the distribution of Personal Income

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ASSA Meeting, Atlanta Georgia, January 6, 2019

Abstract: Developing a national account-based measure of the distribution of income from the commonly used Census based concept of money income has been the subject of earlier research. In this paper, we use publicly available survey and administrative data to construct a distribution of personal income after enhancing the top income distribution in the CPS (2007 & 2012). We show that inequality measures are fairly sensitive to the definition of income contemporaneously and across time. This work helps bridge the gap between micro data and macro statistics and informs about results from other studies, such as Piketty et al. (2018).

* Contact author: marina.gindelsky@bea.gov We greatly thank Andrew Craig for his extensive assistance in creating and evaluating the CPS and NIPA data. We also thank Arjan Bruil for his helpful comments and discussion. The views expressed in this research, including those related to statistical, methodological, technical, or operational issues, are solely those of the authors and do not necessarily reflect the official positions or policies of the Bureau of Economic Analysis or the University of Michigan, or the views of other staff members. The authors accept responsibility for all errors.

Introduction

With releases of GDP in the U.S., there are typically stories about the impact on inequality and the distribution of growth. Before the July 2018 release, the Financial Times stated: “What’s the matter with GDP?” and suggested that GDP is missing information about who gets the increase (Smith, July 2018). Interest has grown regarding the relationship between the distribution of growth and increase in inequality.

This disconnect between aggregate growth and its distribution has been amplified during the past few years, fueled by the Great Recession. The recent rise in inequality, especially at the top of the distribution, has reinvigorated the effort to produce distributional measures. Led by the creation of the World Inequality Database and Piketty, Saez and Zucman (PSZ) (2018), new efforts around the world have started to develop consistent measures of the distribution of the national accounts (see also Auten and Splinter (2018) and OECD (forthcoming)).

As Kuznets (1955) stressed, a distribution of the national accounts is necessary to completely examine how economic growth, whose measures rely on national account statistics, is distributed. In earlier work at the Bureau of Economic Analysis (Fixler and Johnson (2014) and Fixler et al. (2017)), tried to develop a distribution of personal income using survey data.

This paper uses survey data, tax records, and administrative data for 2007 and 2012 to improve the measures of the distribution. Supplementary data sources are particularly important for measuring the top income categories and accordingly, we adjust the survey data to reflect higher income households and estimate alternative measures of inequality. Though reducing the 90/10 ratio, the tail adjustment and inclusion of incomes from supplementary sources significantly raises top income shares and mean income compared to measures calculated using the internal CPS data alone.

Measuring Income

The first step in the methodology is to evaluate the source of the gap between the micro and macro data. Fixler and Johnson (2014) demonstrated that the aggregate level of CPS income is much less than the comparable income in the NIPA.¹ Once the definition of income is controlled for, some of the remaining differences could be due to under-reporting in the CPS or high-income individuals could be “missing” from the CPS. If the source of the gap were entirely due to under-reporting, we could close the gap by substituting tax data for the income components of the CPS. Many researchers have attempted to match household survey data to tax or earnings records (see Burkhauser et al. (2017), Bollinger et al. (*forthcoming*), Rothbaum (2015)).

In Fixler, Gindelsky and Johnson (FGJ) 2018, we examined the usefulness of matching the CPS to the tax data and compared the universe in each. Following the method of Fixler and Johnson (2014) and FJFC (2017), we showed that the substitution of income tax variables for the CPS income variables is not a panacea for mis-reporting problems. Moreover, we showed that there is

¹ Rothbaum (2015) recently provides a detailed comparison for each income source.

little to gain in terms of differences between matched and unmatched files. Accordingly, in this paper we use the public use file of the CPS and an alternative strategy for adjusting the top tail of the distribution using tax data, described in the next section.

Our goal, as described in earlier research, is to create a distribution for the US National Account concept of *Personal Income (PI)*, which is the income received by persons from participation in production, from government and business transfers, and from holding interest-bearing securities and corporate stocks. In addition, we eventually hope to develop a table comparable to the decomposition growth table that shows the annual growth rates of GDP and the distribution of these changes across the distribution of households according to personal income.

It is natural to look at the PI income concept for decision making, especially for consumption even though it includes income received by nonprofit institutions serving households, by private non-insured welfare funds, and by private trust funds. PSZ, however, use National Income (NI) claiming: “[it is] in our view a more meaningful starting point, because it is internationally comparable, it is the aggregate used to compute macroeconomic growth, and it is comprehensive, including all forms of income that eventually accrue to individuals.” PI and NI are fairly close in aggregate and trend.²

Data and Methods

The main data used in our analysis are individual-level data from the publicly available Current Population Survey Annual Social and Economic Supplement (CPS ASEC) for survey years 2008 and 2013 (earnings years 2007 and 2012). We supplement those data with other sources of data. First, to account for the well-known deficiency in the number of households in upper income brackets of the CPS, we use Federal tax data to model the tail for incomes above \$500,000 to enhance the distribution of households. Second, to incorporate the components of Personal Income that are not in money income, such as imputed interest and health transfer payments we use the Survey of Consumer Finances and data from CMS among other sources. In previous work, the allocation of such NIPA categories was largely confined to a matching between the BLS Consumer Expenditure Survey and the CPS.

CPS upper tail enhancement

An important consideration when utilizing CPS data for distributional measures stems from the underrepresentation of top incomes. To overcome this limitation, we construct an alternative distribution in the following way. Using nonpublic microdata from the Form 1040 Federal income tax data housed at the Census Bureau, we fit a Pareto distribution (estimating alpha by

² $PI=NI -[\text{corp. profits} + \text{taxes on production} + \text{contributions for gov. soc. ins.} + \text{net interest} + \text{bus. current transfer} + \text{current surplus of gov. enterp.}] + [\text{personal income receipts on assets} + \text{personal current transfer receipts}]$.

maximum likelihood) for tax units with money incomes of at least \$500,000.^{3,4} The threshold of \$500,000 represents approximately the top 1% of the distribution of tax units and top 0.5% of the distribution of CPS households in 2012. Using the Pareto alpha, we imputed a corresponding distribution for CPS households with pseudo income (calculation described below) of at least \$500,000. CPS incomes for households above this threshold (original mean income= \$847k) were then replaced with imputed values (subsequent mean income = \$1.28m). The components of pseudo income (e.g., wage, business income, transfers, etc.) were then proportionally adjusted to sum to pseudo income.

Addition and Allocation of NIPA Categories

The analysis begins with the concept of pseudo income developed in FJFC. Pseudo income is an intermediate concept that includes categories common to both Census money income and NIPA Personal income and excludes categories that are in the former and not in the latter—such as retirement income.

In moving from pseudo income to Personal Income, three groups of variables are added: financial, health, and net transfers. In the financial group, the single largest component to add is imputed interest from financial institutions, insurance companies and pensions (See FJFC, Table 2). Other items include rental income from owner occupied housing, pensions, and life insurance. In the health group, the largest components are group health insurance, Medicare and Medicaid. The net transfers group contains many sources of transfer income including workers compensation, refundable tax credits, and SNAP, while subtracting out employer and employee social contributions. Having set the components of income the CPS money values are scaled up to the PI level by factors based on the ratio of the CPS weighted total to the PI value.⁵ Essentially, our approach is to use publicly available data to distribute NIPA income to households. For example, the information from the SCF is used to allocate imputed interest. Medicare data from CMS was used for some health categories and CBO imputations were used for Medicaid and SNAP.

Results

Table 1 below shows the transition from pseudo income to Personal Income. Because the focus of the analysis is on households, we use the household income value from NIPA Table 2.9 to get to Personal Income—the difference is in the income for the Nonprofit Institutions Serving

³ A Generalized Beta distribution was also considered but found to fit poorly. Alphas for alternative thresholds were calculated and were of a similar magnitude, varying little with time. For more information on the Pareto methodology, see Web Appendix.

⁴ Jenkins (2016) provides a thorough discussion of issues concerning the modeling of the upper income distribution using a Pareto distribution. Nevertheless, we believe our estimate of alpha is “fit for purpose” because of the robust approach to estimation.

⁵ For full list of items included in each category and more detailed description of methodology, see Web Appendix Table A.

Households (NPISH).⁶

Table 1: Components of Personal Income with Totals and Averages for 2012 in 2012 dollars

	HOUSEHOLD AVERAGE	TOTALS (MILLIONS)
PSEUDO INCOME	\$87,636	\$10,731,889
PLUS		
FINANCIAL	\$14,998	\$1,836,604
HEALTH	\$16,062	\$1,966,896
NET TRANSFERS	-\$4,359	-\$533,839
EQUALS		
HOUSEHOLD INCOME	\$114,336	\$14,001,550
+NPISH	\$70	\$8,593
PERSONAL INCOME	\$114,406	\$14,010,143

As per NIPA table 2.9, Household income (*HH Inc*) is composed of multiple components: Compensation of Employees (*Comp*), Proprietors' Income with Inventory Valuation and Capital Consumption Adjustment (*Proprietors' Inc*), Rental Income of Households with Capital Consumption Adjustment (*Rent Inc*), Household Income Receipts (*Inc. Rcpts*), and Household Current Transfer Receipts (*Currnt. Trnsf. Rcpts.*), less contributions to government social insurance. When the data is ranked by equivalized household income, we can calculate the contribution of each income quintile to overall household income as in Figure 1 below for 2012.

Figure 1: Quintile distribution of household income by component: 2012

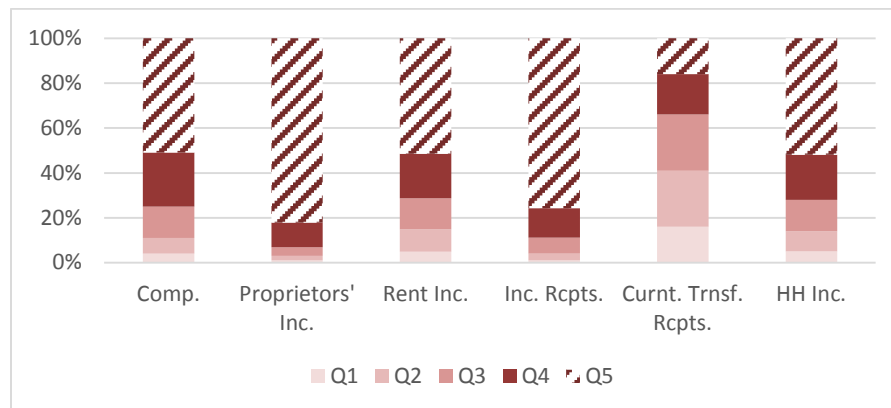


Figure 1 shows that the fourth quintile is 20% of PI while the fifth quintile is 52% in 2012. Not surprisingly 76% of interest and dividend income is received by the top quintile. Also note that the household current transfer receipts are greater than compensation in the lowest quintile and nearly equal in the second quintile.⁷

Table 2 shows some inequality measures for 2012 (top panel) and 2007 (bottom panel). These

⁶ Formally, $PI = \text{Household Income} - \text{transfers from NPISH} + \text{NPISH Income} - \text{transfers from Households}$. For 2007 results, see Web Appendix Table B.

⁷ For numerical results for 2012 and 2007, see Web Appendix Table C.

measures are based on equivalized income that is computed by dividing the income value by the square root of the number of members in the household. For more inequality measures, see Web Appendix Table D.

Table 2: Inequality statistics for equivalized household income for 2007 and 2012

	Income Definition	Mean	Gini	90/10	Top 1% Share
	2012				
Equivalized Household	MONEY INC	\$46,587	0.46	9.54	8.8%
	PSEUDO INC*	\$57,166	0.52	10.91	14.1%
	PERSONAL INC	\$74,407	0.46	6.33	13.1%
	2007 (in 2012 dollars)				
	MONEY INC	\$48,279	0.44	9.05	7.4%
	PSEUDO INC*	\$46,848	0.50	9.91	12.9%
PERSONAL INC	\$73,022	0.45	6.25	12.5%	

*Pseudo Inc includes the tail enhancement

Note that the tail enhancement as well as conversion from money income to pseudo income substantially increase the Gini relative to Census money income (MI). Observe that while the Gini for Pseudo income is higher than it is for the adjusted Census MI, there is little difference in the Gini between MI and PI. However, the 90/10 ratio and top 1% share fall moving from pseudo income to PI, such that they are lower than for MI. This result is indicative of lower income quintiles receiving substantial income from transfers such that the 10th percentile of PI is double that of MI.

With the tail enhancement, the share of the top 5 percent in 2012 is 27.1 percent, which is higher than our original estimate of 23.9 percent in FJFC without the tail enhancement (See Web Appendix Table D). The share of the top 1 percent, 12.1 percent, is similar to the post-transfer share in Auten and Splinter (2018), but lower than the post-tax and transfer share in PSZ.

Conclusion

This paper is part of a project to create a distribution for the US national account concept of Personal Income. We focus on three main areas: enhancing the upper tail of the CPS to add household detail and extend the top income possible beyond the CPS cap; improve the addition and allocation of PI income categories not included in CPS money income and accomplishing these computations through the use of publicly available microdata. We think the latter is important for a statistical agency because it facilitates transparency and replicability.⁸ The next steps are to develop a time series of estimates and, following the lead of the OECD working group, to develop distributional measures for personal consumption expenditures (PCE).

Though mean equivalized household money income decreased from 2007 to 2012, personal

⁸ Using the Pareto coefficient (alpha) calculated from the nonpublic 1040 microdata, all further calculations can be made with public use data.

income increased slightly. While the Gini indexes shows little change, the 90/10 ratio shows a significant decline in inequality moving from money income to personal income. These trends highlight the importance of distinguishing personal income from money income.

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Web Appendix

I. NIPA totals by category

We first decompose each item in Table 2.9 into components that can then be distributed to the relevant households.

Web Appendix Table A: NIPA subtotals in billions from Table 2.9*

^P denotes items that make up Pseudo Income; ^F denotes items that make up Financial Income; ^H denotes items that make up Health Income; ^T denotes items that make up Net Transfers

	2007	2012
<u>Household income</u>	<u>11,989.26</u>	<u>14,001.55</u>
<i>Compensation of employees</i>	7,878.86	8,566.73
Wage and salary Disbursements ^P	6396.8	6927.5
Pension and profit sharing ^F	407.5	439.7
Group Life Insurance ^F	17.8	12.4
Group Health Insurance ^H	517.1	597.2
Old-age, survivors, disability, and hospital insurance ^H	395.5	427.9
Military medical insurance (received) ^H	4.0	5.5
Publicly administered government employee insurance funds ^H	11.5	10.5
Workers' Compensation ^T	65.9	65.7
Supplemental Unemployment ^T	0.5	0.5
Other ^T	62.1	79.9
<i>Proprietors' income with inventory valuation and capital consumption adjustments</i>	994.0	1347.3
Farm ^P	40.3	60.9
Nonfarm ^P	953.8	1286.4
<i>Rental income of households with capital consumption adjustment</i>	179.1	508.8
Rental income from owner occupied housing ^F	97.6	353.5
Other private business rental income ^P	81.5	155.3
<i>Household income receipts on assets</i>	2126.7	2118.8
<i>Household interest income</i>	1335.3	1310.5
Monetary interest – Pensions ^F	193.9	166.7
Imputed interest received by households from depository institutions ^F	145.1	154.4

Life Insurance Carriers ^F	255.4	249.0
Imputed interest received from property and casualty insurance companies ^F	11.8	10.7
From employee pension plans ^F	366.3	450.3
Monetary interest - IRA, KEOGH, Mutual Funds ^P	362.9	279.4
<i>Household dividend income</i>	791.4	808.4
Household dividend income ^P	791.4	808.4
<i>Household current transfer receipts</i>	1771.9	2410.4
<i>Government social benefits</i>	1679.7	2300.1
Medicare ^H	428.2	554.7
Medicaid ^H	324.2	417.5
Other state & local medical care ^H	12.6	13.9
Social security ^P	575.7	762.1
Unemployment insurance ^P	32.7	83.6
Railroad retirement ^P	9.8	11.4
Pension benefit guaranty ^P	2.5	2.4
Veterans Benefits ^P	41.6	70.0
Workers' compensation (received) ^P	14.4	13.2
Temporary disability insurance ^P	4.8	5.5
Black lung benefits ^P	0.6	0.4
Supplemental security income ^P	42.2	53.0
Other public assistance and income maintenance ^P	33.1	37.3
Education assistance ^P	20.8	28.6
State & local employment & training ^P	1.0	1.0
Alaska dividend payments ^P	1.0	0.6
SNAP ^T	30.9	74.9
Refundable tax credits ^T	60.1	98.7
Energy Assistance ^T	2.7	4.1
WIC Food ^T	5.4	6.8
Retired military personnel and dependents at nonmilitary facilities ^T	2.1	1.8
All other government social benefits ^P	33.2	58.5
<i>From business (net)</i>	18.2	23.9
Other current transfer receipts, from business (net) ^T	18.2	23.9
<i>From nonprofit institutions</i>	74.0	86.4
Household current transfer receipts from NPISHs ^P	74.0	86.4

<i>Less: Contributions for government social insurance, domestic</i>	<i>961.4</i>	<i>950.5</i>
Supplementary medical insurance ^H	47.9	60.4
Employer's actual social contributions ^T	461.7	513.3
Employee's actual social contributions ^T	402.3	330.0
Self-employed ^T	49.5	46.8

*Items in bold and italics are calculated subtotals. Table 2.9 last revised on November 20, 2018.

II. Imputation Strategies

The general strategy for assigning incomes to each individual proceeded as follows: the NIPA total (see disaggregation of Table 2.9 above) was allocated proportionally to individuals (then aggregated up to households) or households which satisfied conditions pertaining to the category in the CPS. For example, “Household Dividend Income” was distributed to individuals by the weighted amount of dividends for each person as a share of the total amount of dividend income in the CPS. If total dividend income in the CPS is \$123b, an individual reporting \$100 of dividend income with a weight of 656.04 would receive a share of 8.129e-10, and correspondingly would receive a value of \$657.09 of NIPA dividend income (\$808.36b). In this way, we preserve the distribution of dividend income while scaling the values up such that the total is equal to the NIPA total. Many of the NIPA items were able to be allocated solely on the basis of information available in corresponding CPS categories. Items which were allocated using outside sources of information are described below.

- a. **Imputed Interest:** In moving from pseudo income to Personal Income, the single largest component to add is imputed interest (See FJFC, Table 2). The category contains the imputed interest from financial institutions, insurance companies and pensions. To allocate the PI imputed interest total, we use information from the Survey of Consumer Finances (SCF) to determine the shares of income that come from interest. Those shares are based on nominal values of checking and savings accounts balances, cash value of life insurance policies, and retirement accounts balances as reported in the SCF for each income band. For example, for households with incomes between \$100,000, and \$200,000, the total cash value of life insurance policies is \$1.94b in 2012. The total cash value of life insurance policies received by households in the SCF is \$11.7b. Therefore, households in the CPS with incomes between \$100,000, and \$200,000 are allocated a “share” of $1.94/11.7=0.166$. Once this share has been imputed into the CPS, it is allocated proportionally (by household weight) for each relevant household, as applicable, such that all households together in that income category receive 0.166 of the NIPA value, in this case \$10.7b for Imputed Interest Received from Property and

Casualty Insurance Companies. The same methodology is used to impute other imputed interest components

- b. Medicare: In order to impute the value of Medicare for each household, we allocated actual per capita costs by state for those ages 65+ and under 65 to those who reported receiving Medicare benefits in the CPS in each state. These costs are derived from state-level summary files reported by the Centers for Medicare & Medicaid Services (CMS).
- c. Medicaid & SNAP: Two of the variables believed to be underreported in the CPS are Medicaid reciprocity and the Supplemental Nutrition Assistance Program (SNAP). To compensate the Congressional Budget Office (CBO) has created an adjustment method for allocating these values to CPS individuals. We use the CBO imputations, as described in Habib (2018) for Medicaid and SNAP. For more information on the CBO imputation procedure, please see Habib (2018) CBO working paper.
- d. Supplementary Medical Insurance: This category is based on the distribution of Medicare Part D enrollment. The Medicare Part D enrollment data comes from the CMS Statistics Reference Booklet, specifically tables I.3 and I.4. We used enrollment by age group for Parts A and/or B and Part D to compute a ratio of Part D to Parts A/B enrollment for age groups <65, 65-74, 75-84, and 85+. For example, in calendar year 2012 there were 23.396 million enrollees in Part A/B and 13.712 million Part D enrollees for the age group 65-74. Accordingly, 58.61% ($13.712/23.396$) of CPS individuals ages 65-74 who reported receiving Medicare benefits were randomly allocated a portion of Supplementary Medical Insurance by household weight. Individuals belonging to the other age groups were similarly allocated.
- e. Rental Income from Owner Occupied Housing: Rental values were calculated for each household using information derived from the Consumer Expenditure Survey (CE) produced by the Bureau of Labor Statistics. For each consumer unit in the CE, the reported value of the “Estimated Rental Value of Owned Home” was taken as a share of the reported “Income Before Taxes”. For example, if a household reported a monthly estimated rent of \$1,000 (therefore \$12,000 annually) and an income of \$30,000, it would receive a share of $12000/30000=40\%$. Outliers were removed (i.e., the top 1% of resulting shares). Income deciles were constructed from ranked household income in the CE and the median share per decile was then used to create a crosswalk. Income deciles were constructed for CPS households ranked on money income. Each owner-occupied CPS household then received the corresponding median rental income share for its income decile.

- f. WIC: Program Costs for WIC came from their annual report, WIC Program Participation and Costs found here: <https://www.fns.usda.gov/pd/wic-program>. Program costs were distributed to CPS individuals reporting WIC reciprocity.
- g. Alaska Dividend: Dividend payments by the State of Alaska to residents can be found here: <https://pfd.alaska.gov/Division-Info/Summary-of-Applications-and-Payments>. Each CPS individual residing in Alaska was allocated a share of the total.

III. CPS Pareto tail enhancement

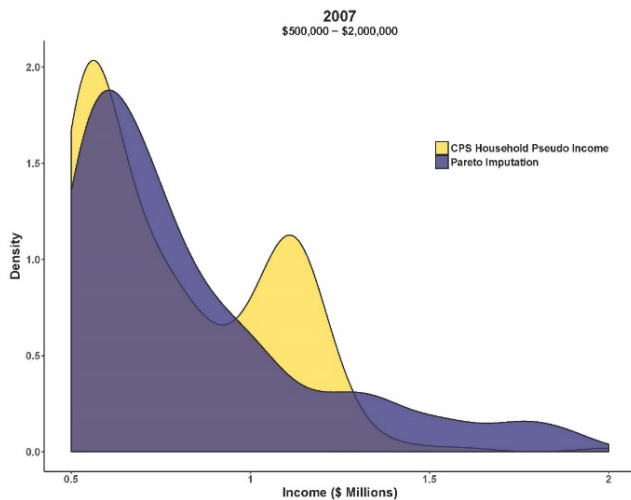
Using nonpublic microdata from the Form 1040 Federal income tax data housed at the Census Bureau, we fit a Pareto distribution for tax units with money incomes of at least \$500,000. The Pareto distribution used is

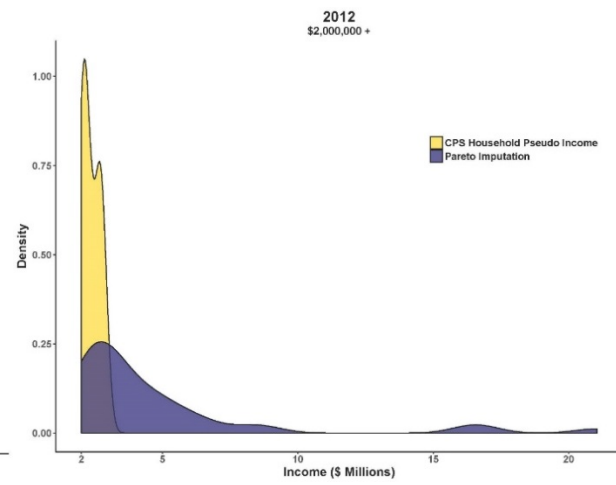
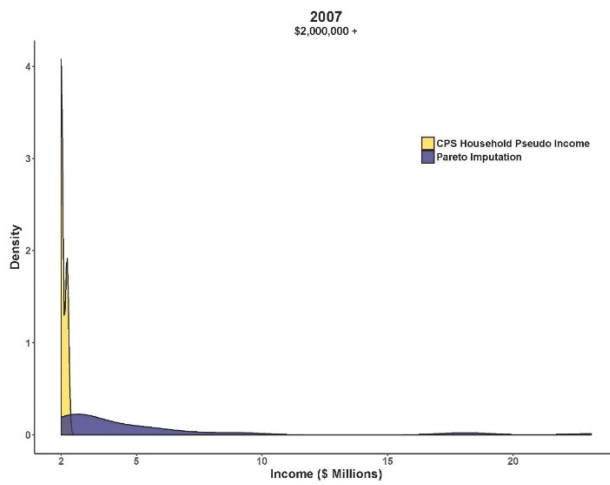
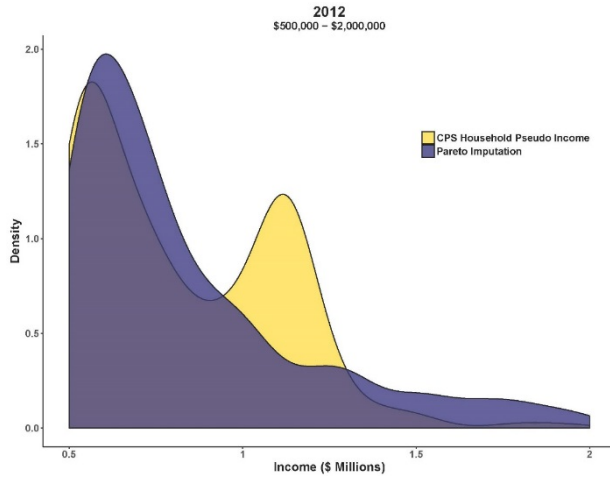
$$F(x) = 1 - \left(\frac{x}{x_0}\right)^{-\alpha}$$

where x is income and x_0 is \$500,000 of income. Alpha is the estimated parameter by fitting a Pareto distribution by Maximum Likelihood to the aforementioned 1040 microdata. For more information, see STATA package *paretofit*.

A comparison of the CPS pseudo income distribution and the imputed Pareto-based distribution can be seen in Web Appendix Figure A below for 2007 and 2012. The top panel shows the income brackets from \$500,000 to 2 million dollars; the bottom shows the distribution from 2 million dollars and above. The top panel shows that the Pareto distribution fits CPS incomes very well (note that the heaping of CPS data is caused by internal topcodes). The bottom panel shows that using the Pareto imputation replaces the incomes of some CPS households with values outside of the CPS possibilities to be more in line with the administrative data.

Web Appendix Figure A: Pareto Imputation and CPS Pseudo Income 2007 and 2012





IV. Supplementary Tables

Web Appendix Table B: Components of Personal Income with Totals and Averages for 2007 and 2012 in 2012 dollars*

2012

	Household average	Totals (millions)
Pseudo Income	\$87,636	\$10,731,889
Plus		
Financial	\$14,998	\$1,836,604
Health	\$16,062	\$1,966,896
Net Transfers	-\$4,359	-\$533,839
Equals		
Household Income	\$114,336	\$14,001,550
+NPISH	\$70	\$8,593
Personal Income	\$114,406	\$14,010,143

2007

	Household average	Totals (millions)
Pseudo Income	\$89,095	\$10,404,862
Plus		
Financial	\$14,003	\$1,635,363
Health	\$15,407	\$1,799,312
Net Transfers	-\$6,231	-\$727,641
Equals		
Household Income	\$112,275	\$13,111,895
+NPISH	\$173	\$20,261
Personal Income	\$112,449	\$13,132,157

*Note: Totals may not add up due to rounding. See Table A for components that make up each category

Web Appendix Table C: Quintile distribution of household income by component: 2012 and 2007 in 2012 dollars

2012

Household income	Total (\$B)	% Q1	% Q2	% Q3	% Q4	% Q5
Compensation of employees	8566.7	4%	7%	14%	24%	51%
Proprietors' income with inventory valuation and capital consumption adj.	1347.3	1%	2%	4%	11%	83%
Rental income of households with capital consumption adj.	508.8	5%	10%	14%	20%	52%
Household income receipts	2118.9	1%	3%	7%	13%	75%
Household interest income	1310.5	2%	4%	9%	17%	67%
Household dividend income	808.4	0%	1%	3%	7%	89%
Household current transfer receipts	2410.4	16%	25%	25%	18%	16%
Government social benefits	2300.1	16%	26%	26%	17%	14%
From business (net)	23.9	1%	4%	11%	24%	60%
From nonprofit institutions	86.3	5%	8%	14%	26%	47%
Less: Contrib. for government social insurance, domestic	950.5	4%	10%	17%	26%	43%
Household Income	14001.6	5%	9%	14%	20%	52%

2007

Household income	Total (\$B)	% Q1	% Q2	% Q3	% Q4	% Q5
Compensation of employees	8616.6	4%	8%	15%	24%	50%

Proprietors' income with inventory valuation and capital consumption adj.	1087.1	1%	3%	7%	14%	75%
Rental income of households with capital consumption adj.	195.9	5%	9%	13%	19%	54%
Household income receipts	2325.8	2%	3%	7%	13%	75%
Household interest income	1460.3	2%	5%	9%	17%	67%
Household dividend income	865.5	0%	1%	3%	7%	88%
Household current transfer receipts	1937.8	17%	27%	23%	17%	15%
Government social benefits	1837.0	18%	28%	24%	17%	13%
From business (net)	19.9	1%	4%	12%	24%	59%
From nonprofit institutions	80.9	3%	7%	13%	24%	53%
Less: Contrib. for government social insurance, domestic	1051.4	5%	10%	17%	26%	43%
Household Income	13111.9	5%	9%	14%	20%	52%

Web Appendix Table D: Inequality statistics for equivalized household income for 2007 and 2012

	Mean	Gini	90/50	90/10	Top5% Share	Top 1% share
2012						
Eq. HH Money Income	\$46,587	0.4557	2.6430	9.5380	22.18%	8.79%
Eq. HH Pseudo Income (with tail adj.)	\$57,166	0.5243	3.0413	10.909	29.66%	14.14%
Eq. HH Income	\$74,407	0.4629	2.7154	6.3326	27.07%	13.08%
2007 (in 2012 dollars)						
Eq. HH Money Income	\$48,279	0.4408	2.5853	9.0453	21.61%	7.40%
Eq. HH Pseudo Income (with tail adj.)	\$46,848	0.5019	2.8558	9.9135	28.18%	12.92%
Eq. HH Income	\$73,022	0.4532	2.6483	6.2508	26.51%	12.46%