

**The More Things Change, the More They Stay the Same?
The Safety Net and Poverty in the Great Recession**

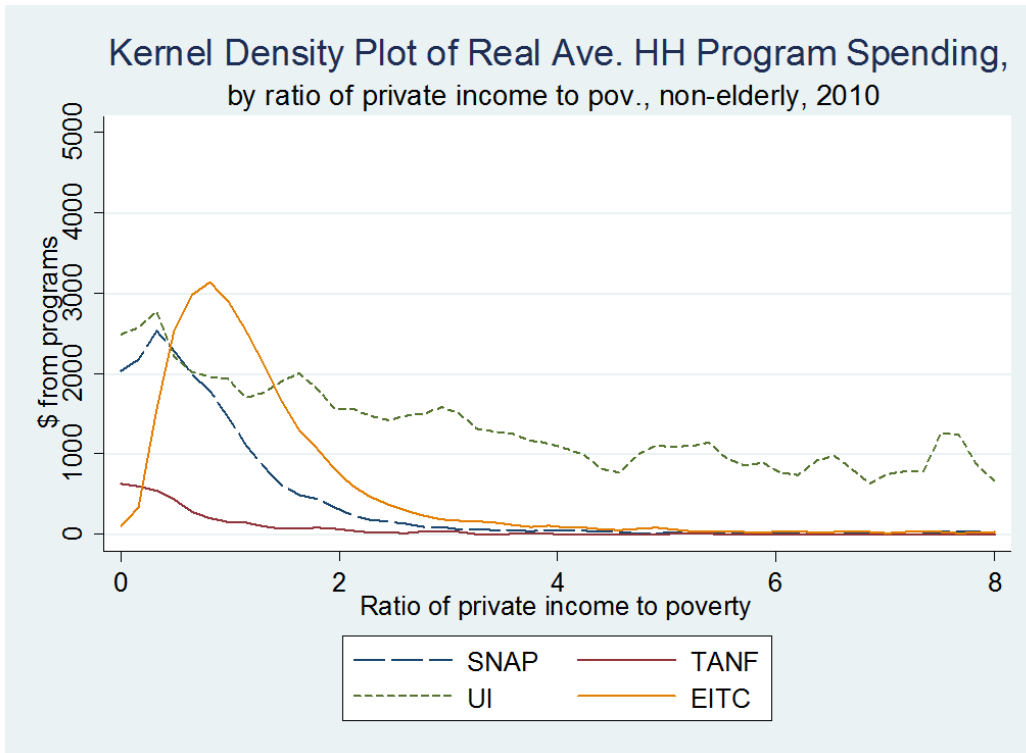
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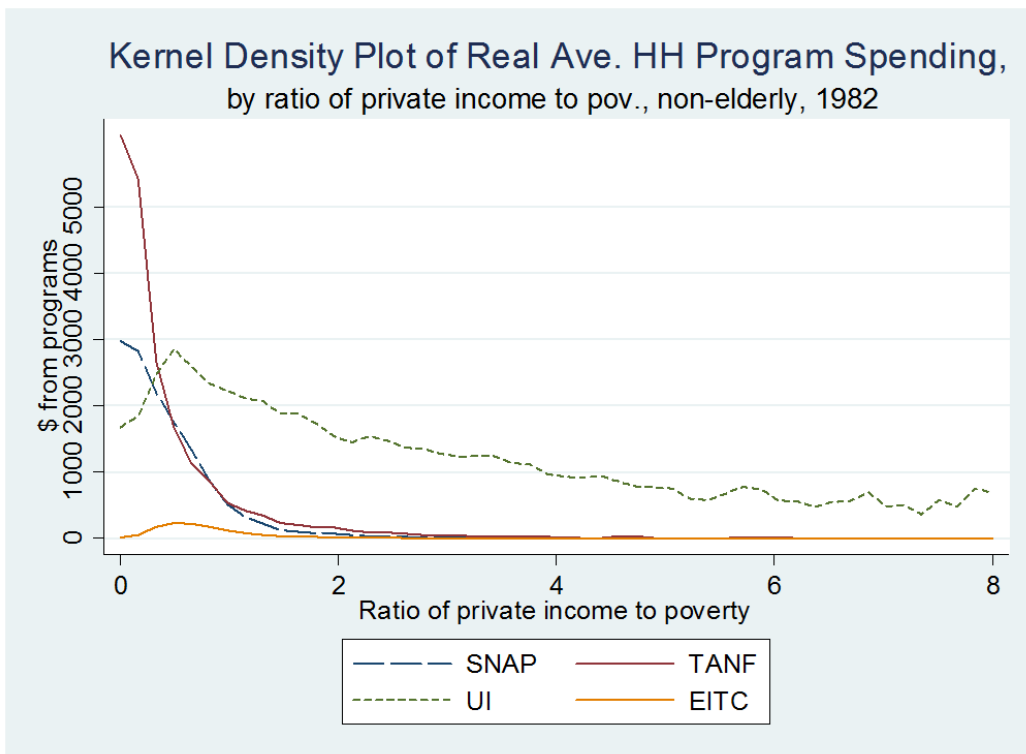
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WEB MATERIAL

Web Appendix Figure 1: Safety Net Program Benefits by Ratio of Private Income to Poverty
 (a) Program benefits in 2010



(b) Program benefits in 1982



Notes: Figure presents local linear regressions of participation in various safety net programs as a function of the ratio of private income to the HH-level poverty threshold. The bandwidth is 1/20 of the range of private income to poverty threshold for those between 0% of poverty and 800% of poverty (as measured with private income). The sample is the non-elderly, using the ASEC for each year.

Web Appendix Table 1: Descriptive Statistics by Income and Program Participation Status, 2013 CPS

	Full Sample	<=200% FPL	Household Participating in			
			TANF	SNAP	EITC (Imputed)	UI
Cash Poverty	0.136	0.431	0.580	0.553	0.294	0.129
Post-tax and transfer poverty	0.098	0.309	0.395	0.334	0.166	0.088
Any HH earnings	0.917	0.784	0.681	0.752	0.999	0.938
HH # of persons	3.543	3.898	4.551	4.098	4.273	3.712
HH # of kids	1.237	1.731	2.298	1.952	1.847	1.223
Householder is black	0.133	0.199	0.318	0.265	0.175	0.150
Householder is white	0.618	0.439	0.321	0.403	0.435	0.616
Householder is Hispanic	0.178	0.295	0.300	0.275	0.324	0.169
Householder is other race	0.071	0.067	0.060	0.057	0.066	0.065
Householder's age	43.780	41.104	38.442	40.217	40.513	44.359
Householder never married	0.193	0.289	0.417	0.345	0.261	0.198
Householder sep./wid./div.	0.178	0.242	0.268	0.285	0.238	0.200
Householder married	0.628	0.470	0.314	0.370	0.501	0.602
Householder male	0.517	0.413	0.295	0.332	0.430	0.520
Householder HS dropout	0.117	0.257	0.287	0.291	0.229	0.126
Household HS grad.	0.263	0.345	0.341	0.350	0.338	0.308
Householder some college	0.297	0.284	0.302	0.289	0.305	0.341
HH receiving LIHEAP	0.033	0.098	0.191	0.174	0.072	0.057
HH receiving SSI	0.044	0.091	0.166	0.156	0.051	0.049
HH receiving SSDI/SS	0.129	0.158	0.168	0.184	0.122	0.132
HH receiving WIC	0.059	0.152	0.332	0.246	0.158	0.079
HH receiving housing benefits	0.038	0.107	0.237	0.176	0.070	0.041
N	178823	56445	4398	25498	49283	14925

Notes: Table presents summary statistics for 2013 CPS for the full sample of non-elderly (column 1), those under 200% of poverty (column 2), those reporting TANF receipt in the HH (column 3), those reporting Food Stamp receipt in the HH (column 4), those imputed to have EITC receipt in the HH (column 5), and those reporting UI (column 6). Statistics are weighted, and the sample is the non-elderly.

Web Appendix Table 2: Dating of Contractions and Expansions

	Annual Data		Monthly Data	
	Contraction	Expansion	Contraction	Expansion
1980s Cycle	1980 – 1982	1983 – 1989	– 11/1982	12/1982 – 3/1989
	1980 – 1989		– 3/1989	
Rest of Period	1990 – 1992	1993 – 2000	4/1989 – 6/1992	7/1992 – 4/2000
	2001 – 2003	2004 – 2006	5/2000 – 6/2003	7/2003 – 10/2006
	1990-2006		4/1989 – 10/2006	
Great Recession	2007 – 2010	2011+	11/2006 – 10/2009	11/2009 +
	2007+		11/2006 +	

Notes: See text and data appendix.

Web Appendix Table 3: Effects of EPOP Rate on Safety Net Caseloads

	Caseload / Population, Monthly		Caseload / Population, Annual	
	AFDC/TANF	Food Stamps	UI [Reg.+Ext.+Em.]	EITC
<u>A. Pooled Estimates</u>				
EPOP	-0.049*** (0.015)	-0.106*** (0.037)	-0.069*** (0.014)	-0.043 (0.041)
% impact	-4.2%	-2.8%	-5.8%	-0.7%
Full Period Mean	0.012	0.038	0.012	0.059
<u>B. By Period (1980s, GR, Rest of Period)</u>				
EPOP x 1980s	-0.060*** (0.020)	-0.081*** (0.037)	-0.074*** (0.019)	0.034 (0.060)
EPOP x Rest of period	-0.051*** (0.014)	-0.092*** (0.032)	-0.064*** (0.013)	-0.072* (0.043)
EPOP x GR	-0.032* (0.016)	-0.164*** (0.060)	-0.073*** (0.017)	-0.091** (0.042)
% Impact, 1980s	-5.2%	-2.1%	-6.2%	0.6%
% Impact, rest of period	-4.5%	-2.4%	-5.4%	-1.2%
% impact, GR	-2.7%	-4.3%	-6.1%	-1.5%
p-value, GR = 1980s	0.14	0.06	0.97	0.01
<u>C. By Expansion/Contraction and GR</u>				
EPOP x Contraction	-0.045*** (0.015)	-0.040 (0.028)	-0.072*** (0.017)	-0.029 (0.046)
EPOP x Expansion	-0.050*** (0.014)	-0.061** (0.027)	-0.066*** (0.014)	-0.035 (0.043)
EPOP x Contraction x GR	0.017 (0.013)	-0.060** (0.028)	-0.001 (0.016)	-0.057* (0.034)
EPOP x Expansion x GR	0.031** (0.012)	-0.125* (0.068)	-0.007 (0.016)	
% Impact, UR x Con.	-3.9%	-1.1%	-6.1%	-0.5%
% Impact, UR x Exp.	-4.3%	-1.6%	-5.5%	-0.6%
% Impact, URxCon + URxConxGR	-2.4%	-2.6%	-6.2%	-1.5%
% Impact, URxExp + URxExpGR	-1.6%	-4.8%	-6.1%	
N	20191	20100	1683	1581

Notes: Data cover 1980-2012 (or 2010 for the EITC). The dependent variables are safety net caseloads divided by the state population. Sources for caseloads are in the appendix. The EITC and EPOP data are annual, the other programs are monthly. All regressions include state and year (or year-by-month) fixed effects. The results are weighted by the state population. Standard errors are clustered by state and shown in parentheses. * p<0.10, ** p<0.05,*** p<0.01.

Web Appendix Table 4: Effects of EPOP Rate on Official Cash Poverty and Alternative Poverty

	Official poverty (cash pre-tax)			Alternative poverty (post-tax, all transfers)		
	<50%	<100%	<200%	<50%	<100%	<200%
<u>A. Pooled Estimates</u>						
EPOP	-0.273*** (0.052)	-0.570*** (0.073)	-0.922*** (0.148)	-0.116*** (0.027)	-0.443*** (0.073)	-0.991*** (0.174)
% impact	-5.8%	-4.7%	-3.1%	-4.2%	-4.3%	-2.9%
Full sample mean	0.047	0.122	0.297	0.028	0.103	0.347
<u>B. By Period (1980s, GR, Rest of Period)</u>						
EPOP x 1980s	-0.291*** (0.070)	-0.634*** (0.089)	-0.994*** (0.172)	-0.083** (0.037)	-0.538*** (0.095)	-1.040*** (0.193)
EPOP x Rest of period	-0.285*** (0.053)	-0.573*** (0.081)	-0.929*** (0.152)	-0.127*** (0.026)	-0.429*** (0.081)	-0.994*** (0.182)
EPOP x GR	-0.229*** (0.056)	-0.492*** (0.073)	-0.828*** (0.157)	-0.132*** (0.029)	-0.360*** (0.071)	-0.928*** (0.189)
% Impact, 1980s	-6.2%	-5.2%	-3.3%	-3.0%	-5.2%	-3.0%
% Impact, rest of period	-6.1%	-4.7%	-3.1%	-4.6%	-4.2%	-2.9%
% impact, GR	-4.9%	-4.0%	-2.8%	-4.8%	-3.5%	-2.7%
p-value, GR = 1980s	0.31	0.08	0.25	0.17	0.04	0.50
<u>C. By Expansion/Contraction and GR</u>						
EPOP x Contraction	-0.271*** (0.057)	-0.598*** (0.087)	-0.964*** (0.162)	-0.094*** (0.030)	-0.475*** (0.083)	-1.003** (0.186)
EPOP x Expansion	-0.293*** (0.052)	-0.593*** (0.078)	-0.947*** (0.151)	-0.118*** (0.026)	-0.466*** (0.079)	-1.013*** (0.176)
EPOP x Contraction x GR	0.050 (0.040)	0.132** (0.052)	0.148 (0.097)	-0.024 (0.025)	0.125** (0.054)	0.087 (0.101)
EPOP x Expansion x GR	0.050* (0.026)	0.046 (0.058)	0.088 (0.097)	-0.036 (0.022)	0.072 (0.057)	0.057 (0.109)
% Impact, UR x Con.	-5.8%	-4.9%	-3.2%	-3.4%	-4.6%	-2.9%
% Impact, UR x Exp.	-6.2%	-4.9%	-3.2%	-4.3%	-4.5%	-2.9%
% Impact, URxCon + URxConxGR	-4.7%	-3.8%	-2.7%	-4.3%	-3.4%	-2.6%
% Impact, URxExp + URxExpGR	-5.2%	-4.5%	-2.9%	-5.6%	-3.8%	-2.8%
N	1683	1683	1683	1581	1581	1581

Notes: Data are from the CPS ASEC calendar years 1980-2012 and are collapsed to the state by year level (weighted). All regressions include controls for state and year fixed effects. The results are weighted by the sum of the CPS weights in the cell. Standard errors are clustered by state and shown in parentheses. * p<0.10, ** p<0.05, *** p<0.01.