11-Dec-18

Number of Households, Average Income, and Income Shares for Elderly Childless Households, by Comprehensive Household Income Quintile, 1979-2015

Year	Lowest Quintile	Second Quintile	Middle Quintile	Fourth Quintile	Highest Quintile	All Quintiles	81st - 90th Percentiles	91st - 95th Percentiles	96th - 99th Percentiles	Top 1%
					Number of Households (Millions)					
1979	5.9	3.9	2.4	1.8	2.4	16.5	1.0	0.5	0.6	0.3
1980	5.5	4.1	2.5	2.1	2.6	16.8	1.0	0.6	0.7	0.3
1981	5.0	4.2	2.8	2.4	2.9	17.2	1.1	0.7	0.8	0.3
1982	4.1	4.5	3.1	2.7	3.1	17.6	1.3	0.7	0.8	0.3
1983	3.6	4.7	3.4	3.0	3.3	17.8	1.4	0.8	0.8	0.3
1984	4.0	4.4	3.4	3.1	3.2	18.1	1.4	0.8	0.7	0.3
1985	4.0	4.5	3.6	3.2	3.3	18.5	1.4	0.8	0.8	0.3
1986	3.8	4.8	3.9	3.2	3.2	19.0	1.4	0.7	0.8	0.3
1987	3.9	5.3	4.2	3.2	2.9	19.4	1.3	0.6	0.7	0.3
1988	4.0	5.4	4.0	3.2	3.0	19.7	1.3	0.7	0.7	0.2
1989	4.1	5.4	4.1	3.3	3.2	20.1	1.4	0.7	0.8	0.2
1990	4.2	5.2	4.2	3.5	3.3	20.4	1.4	0.8	0.8	0.2
1991	4.0	5.3	4.6	3.6	3.3	20.8	1.5	0.8	0.8	0.2
1992	3.4	5.5	4.5	3.6	3.3	20.4	1.5	0.7	0.8	0.2
1993	3.1	5.9	4.5	3.7	3.4	20.6	1.5	0.8	0.8	0.2
1994	3.4	6.1	4.8	3.6	3.3	21.2	1.5	0.8	0.8	0.2
1995	3.4	5.8	4.7	3.8	3.6	21.4	1.7	0.8	0.8	0.2
1996	3.0	5.7	4.7	4.0	3.9	21.3	1.8	1.0	0.9	0.3
1997	3.2	5.4	4.6	4.2	4.0	21.5	1.8	1.0	0.9	0.3
1998	3.3	5.2	4.9	4.1	4.0	21.6	1.8	1.0	0.9	0.3
1999	3.7	5.1	5.0	4.1	3.9	21.8	1.7	1.0	0.9	0.3
2000	3.8	5.3	5.3	4.2	3.9	22.6	1.8	0.9	0.9	0.2
2001	3.7	5.5	5.3	4.4	3.7	22.6	1.8	0.9	0.8	0.2
2002	3.3	5.8	5.5	4.5	3.6	22.8	1.7	0.8	0.8	0.2
2003	3.4	6.2	5.5	4.5	3.6	23.3	1.7	0.9	0.8	0.2
2004	3.3	6.2	5.5	4.5	3.8	23.3	1.8	0.9	0.8	0.3
2005	3.5	6.1	5.3	4.5	4.2	23.7	2.0	1.1	0.9	0.3
2006	2.9	6.0	5.7	4.8	4.5	24.0	2.1	1.1	1.0	0.3
2007	3.3	5.7	5.5	5.0	4.8	24.4	2.3	1.2	1.1	0.3
2008	3.4	6.0	5.8	5.3	4.5	25.2	2.2	1.1	0.9	0.3
2009	2.5	6.3	6.1	5.8	4.7	25.5	2.4	1.1	0.9	0.3
2010	2.3	6.1	6.4	5.8	4.9	25.6	2.5	1.3	0.9	0.3
2011	2.8	6.4	6.7	6.1	5.1	27.2	2.5	1.3	1.0	0.3
2012	2.7	6.7	6.9	6.4	5.5	28.3	2.7	1.4	1.1	0.3
2013	2.9	6.9	6.8	6.6	5.8	29.2	3.0	1.4	1.2	0.3
2014	3.4	7.3	6.7	6.7	6.1	30.3	3.0	1.5	1.2	0.3
2015	3.6	7.6	7.1	6.8	6.2	31.3	3.1	1.5	1.2	0.3
					Average Before-Tax Income (2015 dollars)					
1979	13,700	28,800	44,300	62,300	158,900	48,000	84,800	107,300	155,300	532,100
1980	13,500	27,400	43,100	60,200	149,400	48,100	83,400	104,900	151,700	494,700
1981	13,600	27,200	43,300	61,100	146,400	50,400	82,000	107,600	152,100	492,700
1982	13,100	26,500	42,300	60,400	145,800	52,400	81,700	105,500	151,800	501,400
1983	13,000	26,200	42,000	61,000	147,300	54,300	83,300	107,100	156,400	572,000
1984	13,800	27,600	44,600	64,300	161,000	57,400	88,800	116,200	166,300	610,100
1985	13,800	27,100	45,000	64,900	168,800	59,100	89,100	116,300	172,700	688,700
1986	13,900	27,700	46,100	67,600	193,100	63,200	93,300	119,900	185,100	824,200
1987	13,800	27,600	46,200	67,800	175,200	57,500	94,400	122,700	186,600	695,700
1988	14,000	28,200	47,000	68,200	188,200	59,700	96,900	125,600	188,400	895,900
1989	14,100	28,300	47,400	69,300	182,300	60,200	97,400	126,100	194,500	799,900
1990	14,500	28,900	47,700	69,300	174,900	59,900	95,700	125,100	186,800	784,000
1991	14,200	28,500	47,200	68,100	163,500	57,700	93,600	125,200	184,400	679,500
1992	14,300	28,300	46,900	69,200	172,000	60,100	96,700	127,100	190,500	778,000
1993	14,200	28,300	47,500	69,500	171,700	60,700	96,800	128,000	190,700	749,200
1994	14,100	28,500	47,500	70,700	180,100	60,700	100,100	130,500	196,200	776,900
1995	15,200	29,800	49,000	72,400	181,200	64,100	102,000	132,400	206,700	834,800
1996	15,200	29,500	49,600	73,700	198,800	70,400	104,100	139,600	214,900	972,000
1997	15,700	31,000	51,000	75,200	210,000	74,200	107,200	144,800	230,300	1,121,100
1998	16,500	33,100	53,000	78,400	223,200	78,200	112,400	150,600	241,500	1,224,100
1999	17,100	34,000	54,200	80,300	240,200	80,300	115,900	155,600	254,800	1,339,100
2000	17,200	34,200	54,900	82,300	241,200	80,400	116,900	160,900	262,500	1,415,500
2001	16,900	33,400	55,000	81,100	223,900	75,200	117,500	157,200	249,100	1,235,500
2002	16,800	32,200	53,500	79,500	217,800	72,700	115,300	155,100	238,800	1,148,800
2003	16,600	31,800	53,700	81,000	228,500	73,900	117,600	158,300	246,300	1,228,600
2004	16,800	32,600	55,300	83,500	255,100	80,300	121,500	162,900	261,400	1,448,700
2005	17,100	32,800	57,200	86,000	267,600	86,800	125,000	169,500	280,100	1,689,300
2006	17,500	33,500	57,900	87,400	272,400	91,800	127,700	175,000	289,400	1,692,200
2007	18,300	35,100	59,900	89,900	289,300	99,300	129,400	178,300	298,200	1,986,000
2008	18,300	34,200	58,200	87,700	254,300	87,000	126,400	173,300	275,000	1,585,100
2009	17,400	33,300	56,900	85,800	226,100	82,400	124,600	169,700	257,600	1,276,900
2010	17,900	33,400	57,200	86,400	234,200	86,700	125,900	171,900	270,100	1,384,700

2011	17,500	33,400	56,200	86,600	243,400	86,400	125,200	173,300	272,800	1,539,200
2012	16,800	32,800	56,600	87,200	265,000	92,800	127,700	176,700	283,500	1,884,000
2013	17,800	33,800	57,300	89,200	244,900	90,500	130,600	179,500	290,300	1,460,300
2014	16,900	33,600	58,200	90,500	262,200	93,700	132,900	183,300	297,100	1,647,700
2015	18,300	35,100	60,800	93,800	272,000	96,200	138,400	189,600	308,500	1,703,000

Average After-Tax Income (2015 dollars)

1979	15,300	27,700	39,800	53,300	114,200	40,200	68,900	84,100	114,400	333,800
1980	15,600	26,600	39,300	52,200	109,700	40,900	68,600	82,600	112,900	318,500
1981	15,900	26,700	39,900	53,600	110,200	43,300	68,100	86,400	114,100	332,700
1982	15,700	26,400	39,700	54,300	114,600	46,000	70,000	87,300	118,400	361,500
1983	16,100	26,200	39,400	54,600	116,800	47,800	71,400	88,900	123,500	416,000
1984	16,800	27,300	41,500	57,200	125,400	49,900	75,200	94,600	128,400	438,300
1985	17,100	26,900	42,100	58,000	132,300	51,500	75,900	94,600	134,300	502,600
1986	17,100	27,500	43,000	60,400	152,500	55,100	79,600	98,200	145,800	617,700
1987	16,900	27,500	42,900	59,700	133,700	49,800	78,800	97,600	140,900	490,400
1988	17,300	27,800	43,500	60,000	143,800	51,400	80,900	100,500	143,100	634,300
1989	17,600	27,900	43,900	61,000	140,600	52,100	81,300	101,100	148,200	575,700
1990	18,000	28,800	44,300	61,200	136,000	52,200	80,300	101,100	143,600	565,800
1991	18,100	28,700	44,200	60,700	128,600	51,000	79,400	101,700	143,000	492,100
1992	18,800	28,700	44,000	61,800	134,100	52,800	81,800	102,800	147,600	553,000
1993	18,900	28,900	44,700	62,300	132,400	53,200	82,200	103,800	146,300	513,200
1994	18,700	29,000	44,500	62,900	137,000	52,800	84,100	104,200	150,300	522,500
1995	19,700	30,200	46,000	64,300	136,600	55,300	84,700	104,900	155,900	555,200
1996	20,200	30,000	46,800	65,500	148,800	59,900	86,700	111,000	161,400	645,700
1997	20,200	31,500	48,000	66,900	158,300	63,100	89,400	115,300	173,300	761,100
1998	21,500	33,600	49,800	69,600	169,800	66,700	93,500	120,000	183,500	854,300
1999	21,900	34,400	50,500	70,500	181,200	68,000	95,600	123,200	192,400	933,000
2000	22,100	34,600	51,500	72,400	183,400	68,600	96,900	127,900	199,200	995,000
2001	22,400	34,200	52,300	72,600	173,400	65,800	99,000	128,000	192,600	870,500
2002	23,000	33,400	51,400	72,500	169,900	64,400	98,500	127,500	186,400	806,600
2003	22,900	33,400	51,800	73,700	179,600	65,800	101,600	131,100	193,400	876,000
2004	23,200	34,300	53,400	75,800	198,600	70,600	104,300	133,800	204,200	1,035,900
2005	23,300	34,200	54,900	77,700	206,600	75,100	106,500	138,700	215,300	1,200,800
2006	23,600	35,000	55,700	78,700	210,600	79,100	108,500	142,900	222,500	1,208,200
2007	23,700	36,500	57,700	81,600	227,000	85,700	111,200	146,800	232,300	1,458,300
2008	24,700	36,700	57,400	81,000	204,300	77,900	111,200	146,200	218,900	1,171,600
2009	24,900	36,100	56,400	80,000	184,200	74,700	110,400	145,000	208,200	937,100
2010	25,700	36,100	56,500	80,200	188,100	77,600	110,600	144,700	213,900	1,005,600
2011	24,500	36,100	55,200	79,900	194,300	76,800	109,400	145,200	216,400	1,115,600
2012	24,400	35,700	55,500	80,300	209,900	81,500	111,300	147,500	222,700	1,370,500
2013	24,800	36,400	55,700	81,300	189,500	78,500	112,100	147,200	224,100	989,100
2014	24,500	36,300	56,700	82,300	201,400	80,800	114,000	150,900	228,200	1,113,500
2015	26,300	37,800	59,200	85,300	208,900	83,100	118,400	155,200	237,300	1,157,300

Share of Before-Tax Income (Percent)

1979	10.3	14.4	13.3	14.5	47.7	100.0	10.2	6.9	12.7	17.9
1980	9.2	13.8	13.5	15.6	48.0	100.0	10.5	7.8	13.5	16.3
1981	7.8	13.1	13.8	16.6	48.7	100.0	10.8	8.4	13.9	15.6
1982	5.8	13.0	14.1	18.1	49.2	100.0	11.5	8.1	13.3	16.4
1983	4.8	12.6	14.5	18.9	49.5	100.0	12.2	8.8	12.3	16.1
1984	5.2	11.8	14.4	19.4	49.6	100.0	11.7	9.0	11.9	17.1
1985	5.1	11.0	14.7	18.7	50.8	100.0	11.7	8.2	12.4	18.5
1986	4.4	11.1	15.1	18.2	51.6	100.0	10.5	7.4	12.4	21.3
1987	4.8	13.0	17.2	19.2	46.2	100.0	11.1	7.0	12.4	15.7
1988	4.8	12.9	16.1	18.6	48.2	100.0	11.0	7.5	11.9	17.8
1989	4.7	12.6	16.1	19.2	47.9	100.0	11.3	7.7	12.8	16.2
1990	5.0	12.4	16.4	19.6	47.2	100.0	11.2	8.6	12.1	15.3
1991	4.7	12.5	18.2	20.5	44.7	100.0	11.6	8.3	11.9	13.0
1992	4.0	12.8	17.0	20.6	46.3	100.0	12.2	7.7	12.3	14.1
1993	3.5	13.4	17.1	20.4	46.2	100.0	11.9	8.6	11.6	14.2
1994	3.7	13.5	17.6	19.6	46.3	100.0	11.6	7.8	12.4	14.5
1995	3.8	12.6	16.8	20.0	47.6	100.0	12.7	8.1	12.4	14.5
1996	3.0	11.1	15.5	19.9	51.4	100.0	12.3	8.9	12.7	17.6
1997	3.2	10.5	14.9	19.7	52.7	100.0	12.4	8.9	13.4	18.1
1998	3.3	10.2	15.4	18.9	53.2	100.0	12.2	9.0	13.0	18.9
1999	3.6	9.8	15.4	18.8	53.2	100.0	11.6	8.8	12.7	20.1
2000	3.6	10.0	15.9	19.0	52.4	100.0	11.9	8.3	13.4	18.9
2001	3.7	10.8	17.0	20.9	48.5	100.0	12.2	8.4	11.6	16.4
2002	3.4	11.2	17.9	21.7	47.0	100.0	12.1	7.9	11.0	16.0
2003	3.3	11.4	17.2	21.2	48.1	100.0	11.8	8.1	11.2	17.0
2004	3.0	10.8	16.1	20.1	51.2	100.0	11.6	7.8	11.2	20.6
2005	2.9	9.7	14.8	19.0	54.5	100.0	12.0	8.8	12.0	21.7
2006	2.3	9.2	14.9	19.1	55.4	100.0	12.1	8.9	13.1	21.3
2007	2.5	8.2	13.6	18.7	57.9	100.0	12.1	9.0	13.2	23.6
2008	2.8	9.5	15.5	21.4	52.3	100.0	12.7	8.7	11.9	19.0
2009	2.1	10.0	16.6	23.5	50.2	100.0	14.1	9.1	11.0	16.0
2010	1.9	9.1	16.4	22.6	51.9	100.0	14.0	9.8	11.2	16.9
2011	2.1	9.1	16.0	22.5	52.3	100.0	13.4	9.4	11.4	18.1
2012	1.7	8.4	14.8	21.3	55.8	100.0	13.3	9.3	12.0	21.2

2013	1.9	8.8	14.8	22.3	54.1	100.0	14.8	9.4	12.7	17.3
2014	2.0	8.6	13.7	21.3	56.3	100.0	13.9	10.0	12.9	19.4
2015	2.2	8.9	14.3	21.1	55.6	100.0	14.3	9.2	12.6	19.5
					Share of After-Tax Income (Percent)					
1979	13.7	16.5	14.3	14.8	40.9	100.0	9.9	6.5	11.1	13.4
1980	12.4	15.8	14.5	15.9	41.5	100.0	10.1	7.2	11.8	12.4
1981	10.7	15.0	14.9	17.0	42.7	100.0	10.4	7.9	12.1	12.3
1982	7.9	14.7	15.1	18.5	44.1	100.0	11.2	7.7	11.8	13.4
1983	6.7	14.3	15.5	19.2	44.6	100.0	11.9	8.3	11.0	13.3
1984	7.3	13.4	15.5	19.8	44.5	100.0	11.4	8.4	10.5	14.1
1985	7.2	12.5	15.8	19.2	45.7	100.0	11.5	7.7	11.1	15.5
1986	6.2	12.6	16.2	18.6	46.8	100.0	10.3	6.9	11.2	18.3
1987	6.8	15.0	18.5	19.5	40.8	100.0	10.7	6.5	10.8	12.8
1988	6.9	14.8	17.2	19.0	42.8	100.0	10.7	6.9	10.5	14.6
1989	6.8	14.3	17.2	19.5	42.7	100.0	10.9	7.1	11.2	13.5
1990	7.1	14.1	17.4	19.9	42.1	100.0	10.7	8.0	10.7	12.7
1991	6.8	14.3	19.3	20.7	39.8	100.0	11.1	7.6	10.4	10.6
1992	6.0	14.7	18.2	20.9	41.0	100.0	11.7	7.1	10.9	11.4
1993	5.4	15.6	18.3	20.9	40.7	100.0	11.5	7.9	10.1	11.1
1994	5.7	15.9	19.0	20.0	40.5	100.0	11.2	7.1	11.0	11.2
1995	5.7	14.9	18.3	20.6	41.6	100.0	12.3	7.4	10.8	11.1
1996	4.7	13.3	17.2	20.7	45.2	100.0	12.0	8.3	11.2	13.7
1997	4.8	12.5	16.5	20.6	46.7	100.0	12.2	8.3	11.8	14.4
1998	5.0	12.1	17.0	19.7	47.4	100.0	11.9	8.5	11.6	15.5
1999	5.5	11.7	16.9	19.5	47.4	100.0	11.3	8.2	11.3	16.5
2000	5.5	11.8	17.4	19.6	46.7	100.0	11.5	7.7	11.9	15.6
2001	5.6	12.7	18.5	21.4	43.0	100.0	11.7	7.8	10.3	13.2
2002	5.2	13.1	19.4	22.3	41.3	100.0	11.6	7.3	9.7	12.7
2003	5.1	13.4	18.7	21.7	42.5	100.0	11.4	7.5	9.9	13.7
2004	4.7	12.9	17.7	20.7	45.4	100.0	11.4	7.3	10.0	16.7
2005	4.5	11.7	16.4	19.8	48.6	100.0	11.8	8.3	10.7	17.8
2006	3.6	11.1	16.6	20.0	49.7	100.0	11.9	8.4	11.7	17.7
2007	3.7	9.9	15.1	19.6	52.7	100.0	12.1	8.6	11.9	20.1
2008	4.2	11.3	17.0	22.1	46.9	100.0	12.4	8.2	10.6	15.7
2009	3.3	11.9	18.2	24.2	45.1	100.0	13.8	8.6	9.8	13.0
2010	3.0	11.0	18.1	23.5	46.6	100.0	13.7	9.2	9.9	13.7
2011	3.3	11.1	17.7	23.3	46.9	100.0	13.1	8.8	10.2	14.7
2012	2.9	10.3	16.5	22.2	50.3	100.0	13.2	8.9	10.7	17.5
2013	3.1	11.0	16.6	23.4	48.3	100.0	14.6	8.9	11.3	13.5
2014	3.4	10.8	15.5	22.5	50.1	100.0	13.8	9.5	11.5	15.2
2015	3.6	11.0	16.1	22.2	49.5	100.0	14.2	8.7	11.2	15.3

Source: Congressional Budget Office, https://www.cbo.gov/publication/54646

Notes: Effective tax rates are calculated by dividing taxes by comprehensive household income; * = between -0.05 and 0.05 percent; An elderly childless household is headed by a person age 65 or older with no member under age 18; Households are distributed in income quintiles by income before taxes and transfers.

Comprehensive household income equals pretax cash income plus income from other sources. Pretax cash income is the sum of wages, salaries, self-employment income, rents, taxable and nontaxable interest, dividends, realized capital gains, cash transfer payments, and retirement benefits plus taxes paid by businesses (corporate income taxes and the employer's share of Social Security, Medicare, and federal unemployment insurance payroll taxes) and employee contributions to 401(k) retirement plans. Other sources of income include all in-kind benefits (Medicare, Medicaid, employer-paid health insurance premiums, food stamps, school lunches and breakfasts, housing assistance, and energy assistance).

Income categories are defined by ranking all people by their comprehensive household income adjusted for household size—that is, divided by the square root of the household's size. (A household consists of the people who share a housing unit, regardless of their relationships.) Quintiles, or fifths, contain equal numbers of people. Households with negative income (business or investment losses larger than other income) are excluded from the lowest income category but are included in totals.

Individual income taxes are attributed directly to households paying those taxes. Social insurance, or payroll, taxes are attributed to households paying those taxes directly or paying them indirectly through their employers. Corporate income taxes are attributed to households according to their share of capital income. Federal excise taxes are attributed to them according to their consumption of the taxed good or service.