

**Number of Households, Average Income, and Income Shares for Elderly Childless Households,
by Comprehensive Household Income Quintile, 1979-2016**

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
2016	4.3	7.5	7.2	7.0	6.2	32.3	3.2	1.5	1.2	0.3
Average Before-Tax Income (2016 dollars)										
1979	13,800	29,100	44,700	63,000	160,600	48,500	85,700	108,500	157,000	537,900
1980	13,700	27,700	43,600	60,800	151,000	48,600	84,300	106,000	153,300	500,000
1981	13,700	27,500	43,700	61,700	147,900	50,900	82,900	108,800	153,800	498,000
1982	13,200	26,700	42,800	61,100	147,400	53,000	82,600	106,600	153,400	506,800
1983	13,100	26,500	42,400	61,600	148,800	54,900	84,200	108,300	158,100	578,200
1984	13,900	27,900	45,100	65,000	162,700	58,000	89,800	117,400	168,100	616,600
1985	14,000	27,400	45,500	65,600	170,600	59,700	90,000	117,500	174,500	696,100
1986	14,000	28,000	46,600	68,300	195,200	63,900	94,300	121,200	187,100	833,100
1987	14,000	27,900	46,700	68,600	177,100	58,200	95,400	124,000	188,600	703,200
1988	14,100	28,500	47,500	68,900	190,200	60,400	98,000	126,900	190,400	905,500
1989	14,300	28,600	47,900	70,100	184,200	60,800	98,400	127,400	196,600	808,500
1990	14,600	29,300	48,300	70,000	176,800	60,500	96,800	126,500	188,800	792,500
1991	14,400	28,800	47,700	68,900	165,200	58,300	94,600	126,600	186,400	686,800
1992	14,400	28,600	47,500	70,000	173,900	60,700	97,800	128,400	192,500	786,400
1993	14,300	28,600	48,000	70,300	173,500	61,300	97,900	129,400	192,700	757,300
1994	14,300	28,800	48,000	71,400	182,000	61,300	101,200	131,900	198,300	785,300
1995	15,400	30,100	49,600	73,200	183,100	64,800	103,000	133,900	208,900	843,800
1996	15,400	29,800	50,100	74,500	200,900	71,100	105,200	141,100	217,200	982,400
1997	15,800	31,300	51,500	76,000	212,200	75,000	108,300	146,400	232,800	1,133,200
1998	16,600	33,500	53,600	79,200	225,600	79,000	113,600	152,200	244,100	1,237,300
1999	17,200	34,300	54,800	81,100	242,800	81,100	117,100	157,200	257,600	1,353,500
2000	17,400	34,500	55,500	83,100	243,800	81,300	118,200	162,600	265,300	1,430,700
2001	17,100	33,800	55,600	81,900	226,300	76,000	118,700	158,900	251,800	1,248,800
2002	17,000	32,600	54,100	80,400	220,200	73,400	116,500	156,800	241,300	1,161,200
2003	16,800	32,200	54,200	81,900	230,900	74,700	118,900	160,000	249,000	1,241,600
2004	16,900	33,000	55,900	84,300	257,800	81,200	122,800	164,600	264,100	1,463,700
2005	17,300	33,200	57,800	86,900	270,500	87,700	126,300	171,400	283,200	1,707,400
2006	17,700	33,900	58,600	88,300	275,400	92,800	129,000	176,900	292,400	1,709,800
2007	18,500	35,500	60,600	90,900	292,400	100,300	130,800	180,200	301,400	2,007,300
2008	18,500	34,600	58,800	88,600	257,000	87,900	127,700	175,100	278,000	1,602,100
2009	17,600	33,600	57,600	86,700	228,500	83,300	125,900	171,600	260,400	1,290,700

2010	17,700	33,300	57,200	86,800	235,300	86,900	127,000	172,000	272,600	1,385,900
2011	17,700	33,700	56,800	87,600	246,000	87,300	126,500	175,100	275,700	1,555,800
2012	17,000	33,200	57,200	88,200	267,800	93,800	129,100	178,600	286,500	1,903,600
2013	18,000	34,200	57,900	90,100	247,500	91,400	132,000	181,500	293,400	1,475,600
2014	17,100	34,000	58,800	91,400	265,000	94,700	134,300	185,200	300,300	1,665,500
2015	18,500	35,500	61,400	94,800	275,000	97,200	139,900	191,700	311,900	1,722,700
2016	18,700	36,300	61,400	95,000	272,700	95,600	142,000	194,600	315,600	1,728,300

Average After-Tax Income (2016 dollars)

1979	15,600	28,000	40,300	53,800	115,500	40,700	69,600	85,100	115,700	337,400
1980	15,900	26,900	39,800	52,700	110,900	41,400	69,400	83,500	114,100	321,900
1981	16,400	27,100	40,300	54,100	111,400	43,900	68,800	87,300	115,300	336,300
1982	16,200	26,700	40,100	54,900	115,900	46,600	70,700	88,200	119,700	365,400
1983	16,700	26,700	39,800	55,200	118,100	48,500	72,200	89,900	124,900	420,400
1984	17,400	27,700	42,000	57,800	126,700	50,500	76,100	95,600	129,800	443,000
1985	17,800	27,200	42,600	58,700	133,700	52,200	76,800	95,700	135,700	508,000
1986	17,800	27,900	43,400	61,000	154,100	55,800	80,500	99,200	147,400	624,400
1987	17,500	27,900	43,400	60,400	135,100	50,400	79,700	98,700	142,400	495,700
1988	18,000	28,200	44,000	60,600	145,300	52,100	81,800	101,600	144,700	641,200
1989	18,400	28,400	44,400	61,700	142,100	52,800	82,100	102,200	149,800	581,900
1990	18,700	29,200	44,800	61,900	137,400	52,900	81,200	102,200	145,200	571,900
1991	18,900	29,100	44,700	61,400	130,000	51,700	80,300	102,800	144,600	497,500
1992	19,700	29,200	44,600	62,400	135,600	53,600	82,600	104,000	149,200	559,000
1993	19,900	29,500	45,200	63,000	133,800	54,000	83,100	105,000	147,900	518,700
1994	19,700	29,500	45,000	63,600	138,400	53,600	85,000	105,300	152,000	528,100
1995	20,900	30,900	46,500	65,000	138,000	56,200	85,600	106,000	157,500	561,100
1996	21,400	30,600	47,300	66,100	150,400	60,800	87,600	112,100	163,200	652,600
1997	21,600	32,000	48,500	67,600	159,900	63,900	90,300	116,400	175,000	769,100
1998	22,700	34,200	50,400	70,300	171,700	67,600	94,500	121,300	185,500	863,400
1999	23,000	35,000	51,100	71,300	183,100	68,900	96,500	124,600	194,400	943,100
2000	23,200	35,200	52,100	73,200	185,200	69,600	97,900	129,200	201,300	1,005,500
2001	23,700	34,900	52,900	73,400	175,300	66,800	100,000	129,300	194,700	879,900
2002	24,300	34,100	52,000	73,200	171,600	65,300	99,400	128,700	188,300	815,100
2003	24,400	34,000	52,400	74,500	181,500	66,800	102,600	132,600	195,600	885,100
2004	24,600	35,000	54,000	76,500	200,600	71,600	105,300	135,100	206,300	1,046,700
2005	24,900	34,800	55,600	78,500	208,800	76,200	107,600	140,200	217,600	1,213,900
2006	25,200	35,900	56,300	79,600	212,900	80,200	109,700	144,400	224,800	1,220,700
2007	25,400	37,200	58,400	82,500	229,400	86,900	112,400	148,400	234,900	1,474,000
2008	26,200	37,500	58,000	81,900	206,500	78,900	112,300	147,600	221,200	1,184,200
2009	26,400	37,000	56,900	80,900	186,100	75,700	111,500	146,500	210,300	947,100
2010	27,000	36,700	56,600	80,500	189,200	78,100	111,800	145,000	216,000	1,007,000
2011	26,100	36,900	55,800	80,700	196,300	77,900	110,600	146,700	218,700	1,127,500
2012	25,700	36,500	56,200	81,100	212,100	82,600	112,500	149,000	225,000	1,384,700
2013	26,200	37,000	56,400	82,200	191,600	79,500	113,400	148,900	226,500	999,700
2014	25,700	37,100	57,300	83,100	203,600	81,900	115,200	152,600	230,600	1,125,400
2015	27,600	38,500	59,800	86,100	211,100	84,100	119,600	156,900	239,800	1,169,600
2016	27,600	39,400	60,000	86,400	210,000	83,200	121,700	159,300	242,500	1,171,500

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
2016	2.6	8.8	14.3	21.6	54.7	100	14.5	9.3	12.7	18.2

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
2016	4.4	10.9	16.1	22.6	48.4	100.0	14.3	8.7	11.2	14.2

Source: Congressional Budget Office, <https://www.cbo.gov/publication/54646> (Last accessed July 19, 2019).

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.