

6-Aug-19

**Number of Households, Average Income and Income Shares, and Income Category Minimums
for Nonelderly Childless Households, by Household Income Category, 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	5.1	5.2	5.3	6.8	9.5	32.0	4.5	2.7	1.9	0.4
1980	5.3	5.3	5.4	7.0	9.7	32.8	4.6	2.7	2.0	0.4
1981	5.5	5.4	5.7	6.9	10.0	33.8	4.8	2.7	2.1	0.4
1982	5.6	5.3	5.7	6.9	10.2	33.9	4.8	2.8	2.1	0.4
1983	5.7	5.5	6.0	7.3	10.1	34.9	4.8	2.8	2.2	0.4
1984	6.5	5.8	6.1	7.3	10.0	35.8	4.9	2.6	2.1	0.4
1985	6.0	5.9	6.2	7.5	10.5	36.4	5.1	2.8	2.2	0.4
1986	6.3	5.7	6.3	7.5	10.6	36.7	5.2	2.9	2.2	0.4
1987	5.4	6.5	6.6	8.0	11.0	37.7	5.4	3.0	2.2	0.4
1988	5.4	6.7	6.8	8.4	11.3	38.8	5.5	3.0	2.3	0.5
1989	5.5	6.8	7.0	8.4	11.1	38.9	5.5	3.0	2.2	0.5
1990	5.7	6.5	6.9	8.7	11.4	39.3	5.5	3.1	2.3	0.5
1991	5.8	6.7	7.1	8.7	11.5	39.9	5.5	3.1	2.4	0.5
1992	5.8	6.5	7.2	8.6	11.5	39.9	5.6	3.1	2.4	0.5
1993	6.1	6.2	7.1	8.7	11.5	39.8	5.5	3.1	2.4	0.5
1994	5.9	6.6	7.3	9.1	11.5	40.6	5.6	3.1	2.3	0.5
1995	6.5	6.7	7.4	9.1	11.3	41.2	5.4	3.1	2.3	0.5
1996	6.9	6.8	7.5	9.2	11.6	42.1	5.7	3.1	2.4	0.5
1997	7.3	7.1	7.7	9.3	11.8	43.3	5.8	3.2	2.3	0.5
1998	7.6	7.4	7.8	9.9	11.9	44.8	5.9	3.2	2.3	0.5
1999	7.9	7.6	7.7	10.0	12.0	45.4	5.9	3.2	2.4	0.5
2000	8.1	8.0	8.3	10.4	12.2	47.1	6.0	3.2	2.4	0.5
2001	8.3	7.9	8.6	10.5	12.6	48.0	6.1	3.3	2.6	0.6
2002	9.0	8.2	8.8	10.5	12.7	49.4	6.1	3.3	2.7	0.5
2003	8.8	8.2	8.9	10.4	12.9	49.5	6.4	3.3	2.6	0.6
2004	9.3	8.4	9.1	10.4	12.5	49.9	6.1	3.3	2.5	0.5
2005	9.6	8.6	9.4	10.7	12.5	51.0	6.2	3.3	2.5	0.5
2006	9.3	9.0	9.9	11.0	12.6	52.0	6.2	3.3	2.5	0.5
2007	10.2	9.3	10.1	10.8	12.6	53.3	6.3	3.3	2.5	0.5
2008	10.4	9.2	9.9	10.7	12.4	52.8	6.1	3.3	2.5	0.5
2009	10.3	9.2	10.0	10.6	12.5	52.9	6.2	3.3	2.6	0.5
2010	11.0	9.7	10.4	10.8	12.3	54.5	6.1	3.1	2.6	0.5
2011	11.5	9.6	10.2	10.9	12.4	54.9	6.1	3.3	2.5	0.5
2012	12.1	9.4	10.7	10.7	11.9	55.1	5.9	3.1	2.4	0.5
2013	12.3	9.6	10.6	10.6	11.4	54.9	5.7	2.9	2.4	0.5
2014	12.6	9.4	10.6	10.6	11.6	55.1	5.7	3.0	2.3	0.5
2015	13.1	9.7	10.6	10.6	11.4	55.7	5.7	3.0	2.3	0.5
2016	13.2	9.7	10.6	10.5	11.4	55.7	5.8	2.9	2.3	0.5

Average Before-Tax Income (2016 dollars)

1979	13,000	28,600	44,600	63,600	126,700	66,400	87,600	111,600	160,800	515,100
1980	12,400	27,400	42,800	62,700	124,200	64,800	85,900	109,900	155,800	502,900
1981	12,600	27,400	42,900	63,400	124,400	64,800	86,400	110,500	156,000	484,400
1982	12,100	26,600	42,400	63,000	126,100	65,500	86,400	110,400	156,400	540,000
1983	11,300	26,000	42,200	63,200	129,600	65,600	87,900	113,800	161,500	546,500
1984	12,000	27,700	44,700	66,500	139,500	68,100	93,500	122,000	175,800	623,000
1985	12,000	27,600	44,600	66,600	141,700	70,400	92,300	120,400	176,900	684,100
1986	11,900	27,500	45,700	69,000	154,700	74,800	97,700	127,000	192,900	826,700
1987	12,500	27,200	45,700	69,800	149,500	74,200	98,700	130,400	189,200	692,300
1988	12,800	28,200	46,200	70,700	161,800	78,400	99,500	132,200	196,600	886,800
1989	13,600	28,600	46,500	71,200	159,900	77,600	101,500	134,300	200,900	814,600
1990	13,800	29,600	47,000	70,600	160,000	78,400	99,700	130,900	194,600	863,200
1991	14,200	28,500	46,200	70,200	153,900	76,200	97,500	129,200	191,100	733,600
1992	14,800	28,400	47,200	70,300	160,200	78,500	98,100	131,200	196,900	831,200
1993	13,900	28,300	46,500	70,500	158,300	77,900	99,300	132,400	197,000	769,200
1994	13,400	28,400	46,600	71,300	161,400	78,500	101,600	133,300	202,300	820,700
1995	14,300	30,000	48,400	73,100	167,200	79,800	103,600	137,200	211,300	869,000
1996	13,700	29,900	49,200	74,300	175,700	82,900	106,900	143,500	218,700	962,700
1997	14,100	30,900	50,100	76,100	187,000	86,000	109,800	148,000	232,100	1,154,100
1998	15,000	32,400	52,000	79,600	198,300	89,500	113,900	154,600	245,700	1,310,100
1999	15,700	33,600	53,500	82,000	208,200	93,300	118,000	160,800	258,000	1,321,000
2000	15,500	34,500	54,200	83,300	217,600	95,500	120,300	164,000	263,700	1,425,100
2001	15,800	33,700	54,000	82,300	199,000	90,900	118,000	160,200	249,200	1,122,200
2002	15,000	33,400	53,000	81,000	189,200	86,000	116,600	156,000	239,700	974,500

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Year	Lowest Quintile	Second Quintile	Middle Quintile	Fourth Quintile	Highest Quintile	All Quintiles	81st - 90th Percentiles	91st - 95th Percentiles	96th - 99th Percentiles	Top 1%
2003	15,600	32,600	52,900	81,400	193,900	87,600	119,000	159,500	247,900	1,028,100
2004	15,300	33,300	54,300	84,500	208,400	90,900	122,800	165,000	260,500	1,245,200
2005	16,600	34,300	55,100	85,600	229,100	96,300	125,400	173,200	280,400	1,601,300
2006	18,100	34,800	55,600	87,700	233,000	98,400	128,800	176,100	291,800	1,665,900
2007	19,400	36,300	58,000	89,600	235,800	98,600	131,800	182,600	301,500	1,601,800
2008	19,100	35,100	55,800	87,600	220,500	93,100	129,000	175,000	278,700	1,367,000
2009	19,200	34,100	54,800	84,900	203,200	88,300	124,700	169,900	261,800	1,115,300
2010	18,700	34,300	54,500	84,200	207,000	87,100	124,500	171,500	269,900	1,181,500
2011	18,600	33,700	53,800	84,800	211,400	87,800	126,800	175,100	275,600	1,201,800
2012	17,700	33,100	53,600	85,200	224,700	91,300	128,600	177,200	289,600	1,504,000
2013	18,500	33,400	54,900	86,700	218,800	89,900	130,400	181,400	292,800	1,294,600
2014	17,300	33,800	55,500	88,900	228,800	93,200	133,700	186,600	304,200	1,428,200
2015	17,400	35,200	57,100	92,100	232,200	94,700	139,200	191,700	314,200	1,436,200
2016	17,500	36,200	57,400	92,200	235,700	95,900	140,200	193,500	313,200	1,432,400

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Year	Lowest Quintile	Second Quintile	Middle Quintile	Fourth Quintile	Highest Quintile	All Quintiles	81st - 90th Percentiles	91st - 95th Percentiles	96th - 99th Percentiles	Top 1%
Average After-Tax Income (2016 dollars)										
1979	10,900	23,200	35,000	48,200	90,700	0	50,000	64,700	81,300	114,300
1980	10,300	22,200	33,400	47,300	88,900	0	48,800	63,000	79,300	110,200
1981	10,500	21,900	33,200	47,300	88,900	0	48,600	62,500	78,700	110,100
1982	10,100	21,600	33,500	47,800	92,900	0	50,300	63,900	81,400	114,600
1983	9,300	21,200	33,500	48,300	96,600	0	50,700	66,000	84,600	121,000
1984	9,800	22,400	35,200	50,900	104,300	0	52,700	70,000	91,300	133,400
1985	9,600	22,100	34,800	50,500	105,300	0	54,200	68,900	89,400	132,500
1986	9,700	22,000	35,600	52,200	115,300	0	57,500	72,800	94,200	144,900
1987	10,200	21,800	35,800	53,200	108,900	0	56,400	73,700	96,200	137,500
1988	10,300	22,500	36,200	53,600	117,900	0	59,500	74,000	97,200	144,100
1989	11,000	22,800	36,300	54,100	117,100	0	59,100	75,400	99,300	147,300
1990	11,000	23,600	36,600	53,500	117,100	0	59,600	74,200	96,200	143,100
1991	11,400	22,600	36,100	53,300	112,000	0	57,900	72,500	95,300	139,800
1992	12,000	22,500	37,100	53,600	116,100	0	59,600	73,100	96,900	144,000
1993	11,100	22,300	36,500	53,700	113,500	0	58,800	74,100	97,400	143,300
1994	10,600	22,300	36,500	54,200	115,000	0	58,900	75,800	97,400	146,000
1995	11,400	23,500	37,800	55,700	118,400	0	59,800	76,800	99,900	151,800
1996	11,000	23,600	38,400	56,100	123,700	0	62,000	79,200	104,800	156,000
1997	11,200	24,400	39,100	57,400	131,300	0	64,100	81,000	107,300	165,600
1998	12,000	25,800	40,700	60,200	139,700	0	67,000	84,000	112,500	175,700
1999	12,600	26,600	41,800	62,000	146,500	0	69,700	87,100	116,800	183,100
2000	12,300	27,600	42,600	63,200	153,100	0	71,400	88,900	119,300	187,300
2001	13,000	27,400	43,400	63,600	142,300	0	69,200	88,500	118,200	180,000
2002	12,300	27,400	42,800	63,200	137,200	0	66,200	88,500	116,000	175,300
2003	12,900	26,700	42,900	63,900	142,800	0	68,100	91,300	120,500	184,400
2004	12,600	27,100	44,000	66,400	152,900	0	70,500	94,200	124,800	192,700
2005	13,600	27,900	44,500	67,000	166,700	0	74,200	96,200	130,600	207,000
2006	14,900	28,200	44,600	68,600	169,600	0	75,900	98,400	132,400	214,300
2007	16,200	29,400	46,700	70,100	172,700	0	76,600	100,800	137,500	222,200
2008	16,600	29,600	46,300	70,300	164,300	0	73,800	100,800	133,900	207,500
2009	16,900	28,800	45,800	68,600	152,000	0	70,500	97,800	130,600	196,300
2010	16,300	29,000	45,300	68,000	153,200	0	69,200	96,700	130,500	200,500
2011	16,100	28,500	44,900	68,700	158,000	0	70,000	99,600	134,800	206,800
2012	15,300	27,700	44,500	68,500	166,800	0	72,300	100,500	135,400	215,600
2013	15,500	27,200	44,600	67,900	156,700	0	69,500	98,800	135,600	213,400
2014	14,300	27,500	45,100	69,200	162,800	0	71,700	101,200	138,200	219,800
2015	14,400	28,600	45,900	71,600	165,600	0	73,000	104,900	141,900	227,100
2016	14,400	29,300	46,100	71,600	167,800	0	73,900	105,700	143,300	227,000

Share of Before-Tax Income (Percent)

1979	3.4	7.4	11.4	20.7	57.3	100.0	18.8	14.2	14.8	9.4
1980	3.4	7.3	11.2	21.0	57.3	100.0	18.9	14.0	15.1	9.3
1981	3.5	7.2	11.5	20.4	57.7	100.0	19.1	14.1	15.5	9.1
1982	3.4	6.9	11.4	20.2	58.7	100.0	19.3	14.3	15.1	10.0
1983	3.2	6.7	11.6	20.7	58.2	100.0	18.7	13.9	15.4	10.1
1984	3.7	7.2	11.6	20.3	57.8	100.0	19.0	13.4	15.2	10.1
1985	3.3	6.9	11.3	19.9	59.2	100.0	18.7	13.5	15.3	11.6
1986	3.2	6.4	11.0	19.5	60.6	100.0	18.6	13.6	15.3	13.0
1987	2.7	7.0	11.4	20.4	59.3	100.0	19.4	13.9	14.9	11.1
1988	2.5	6.8	10.9	20.0	60.6	100.0	18.2	13.3	14.8	14.4
1989	2.6	7.0	11.4	20.2	59.5	100.0	18.6	13.3	14.8	12.7
1990	2.8	6.7	11.0	20.4	59.9	100.0	18.2	13.2	14.6	13.9
1991	3.0	7.0	11.4	20.5	59.2	100.0	18.1	13.1	15.5	12.6
1992	2.9	6.6	11.4	20.0	60.0	100.0	17.8	13.1	14.9	14.2
1993	3.0	6.5	11.3	20.4	59.5	100.0	18.0	13.4	15.1	13.0
1994	2.9	6.7	11.2	20.8	59.1	100.0	17.9	13.3	14.9	13.0
1995	3.2	7.0	11.6	20.8	58.2	100.0	17.3	13.2	15.0	12.8
1996	3.2	6.7	11.3	20.3	59.2	100.0	17.7	12.7	15.0	13.9
1997	3.2	6.6	10.9	19.7	60.1	100.0	17.5	12.7	14.4	15.5
1998	3.3	6.8	10.7	20.1	59.7	100.0	17.2	12.3	14.3	15.8
1999	3.3	6.8	10.3	19.9	60.3	100.0	16.7	12.2	15.0	16.5
2000	3.1	6.7	10.5	19.8	60.4	100.0	16.3	12.0	14.5	17.6
2001	3.4	6.9	11.4	20.5	58.4	100.0	17.0	12.4	14.8	14.3
2002	3.6	7.2	11.8	20.8	57.2	100.0	17.0	12.3	15.3	12.5

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2003	3.4	7.0	11.8	20.3	58.2	100.0	17.8	12.3	15.0	13.0
2004	3.5	7.1	11.7	20.2	58.1	100.0	16.9	12.0	14.5	14.6
2005	3.5	7.0	11.5	19.5	59.2	100.0	16.2	11.6	14.0	17.4
2006	3.4	7.1	11.8	19.6	58.7	100.0	16.1	11.5	14.4	16.7
2007	3.8	7.4	12.2	19.5	57.8	100.0	16.3	11.5	14.3	15.7
2008	4.1	7.6	12.4	20.0	57.0	100.0	16.5	11.9	14.4	14.2
2009	4.3	7.9	13.0	20.4	55.8	100.0	16.9	12.1	14.5	12.2
2010	4.5	8.2	13.2	20.4	54.9	100.0	16.5	11.5	14.5	12.3
2011	4.6	8.0	12.6	20.4	55.5	100.0	16.4	12.0	14.4	12.6
2012	3.1	7.4	12.3	19.9	58.6	100.0	16.8	12.1	14.7	15.0
2013	3.3	7.8	13.0	20.3	56.7	100.0	17.0	12.1	14.8	12.9
2014	3.0	7.5	12.3	20.5	57.7	100.0	16.8	12.3	14.8	13.7
2015	3.2	7.7	12.9	20.8	56.5	100.0	17.0	12.3	14.5	12.7
2016	3.2	7.8	12.6	20.6	56.7	100.0	16.9	12.2	14.0	13.5

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Share of After-Tax Income (Percent)										
1979	4.0	8.2	12.1	21.2	54.9	100.0	18.7	13.9	14.2	8.1
1980	4.0	8.1	11.8	21.5	55.0	100.0	18.7	13.6	14.3	8.3
1981	4.1	8.0	12.2	20.7	55.5	100.0	18.8	13.6	14.7	8.4
1982	3.9	7.5	11.9	20.4	56.9	100.0	19.0	13.9	14.5	9.5
1983	3.7	7.3	12.1	20.9	56.7	100.0	18.5	13.6	15.0	9.6
1984	4.2	7.8	12.0	20.5	56.3	100.0	18.7	13.1	14.9	9.5
1985	3.7	7.5	11.8	20.1	57.8	100.0	18.5	13.2	14.9	11.1
1986	3.7	6.9	11.4	19.6	59.3	100.0	18.4	13.3	15.0	12.7
1987	3.1	7.7	12.0	20.9	57.4	100.0	19.4	13.6	14.4	10.0
1988	2.9	7.4	11.4	20.4	58.9	100.0	18.2	13.0	14.3	13.3
1989	3.0	7.7	12.0	20.6	57.8	100.0	18.5	13.1	14.4	11.9
1990	3.2	7.4	11.5	20.8	58.3	100.0	18.1	12.9	14.2	13.1
1991	3.4	7.7	12.0	20.9	57.5	100.0	18.0	12.8	15.0	11.6
1992	3.3	7.3	12.0	20.4	58.1	100.0	17.8	12.9	14.4	12.9
1993	3.5	7.2	12.0	21.0	57.2	100.0	18.1	13.2	14.6	11.4
1994	3.4	7.5	12.0	21.6	56.7	100.0	18.0	13.1	14.3	11.2
1995	3.7	7.8	12.4	21.5	55.7	100.0	17.4	13.0	14.4	11.0
1996	3.7	7.5	12.1	21.0	56.6	100.0	17.8	12.5	14.4	11.9
1997	3.7	7.5	11.7	20.4	57.5	100.0	17.6	12.5	13.8	13.6
1998	3.8	7.7	11.4	20.8	57.1	100.0	17.2	12.1	13.7	14.1
1999	3.9	7.6	11.0	20.7	57.7	100.0	16.7	12.0	14.3	14.7
2000	3.7	7.6	11.3	20.5	57.7	100.0	16.4	11.8	13.8	15.8
2001	4.0	7.8	12.3	21.2	55.7	100.0	17.0	12.1	14.1	12.6
2002	4.2	8.1	12.6	21.4	54.5	100.0	16.9	12.0	14.6	11.0
2003	3.9	7.9	12.5	20.8	55.7	100.0	17.8	12.0	14.4	11.6
2004	4.0	7.9	12.6	20.8	55.5	100.0	16.9	11.8	13.8	13.0
2005	4.0	7.8	12.3	20.2	56.5	100.0	16.3	11.4	13.4	15.5
2006	3.9	7.9	12.6	20.3	56.1	100.0	16.1	11.3	13.7	15.0
2007	4.3	8.2	13.0	20.0	55.4	100.0	16.2	11.3	13.6	14.3
2008	4.8	8.5	13.3	20.6	54.2	100.0	16.4	11.5	13.5	12.7
2009	4.9	8.9	14.0	20.9	52.9	100.0	16.8	11.8	13.7	10.7
2010	5.2	9.2	14.2	21.0	51.9	100.0	16.3	11.2	13.6	10.8
2011	5.3	9.0	13.6	20.9	52.7	100.0	16.4	11.7	13.6	11.1
2012	5.7	9.1	13.1	19.8	53.7	100.0	16.2	11.3	13.3	12.9
2013	6.2	9.6	13.8	20.2	51.6	100.0	16.3	11.3	13.4	10.6
2014	6.1	9.4	13.1	20.4	52.2	100.0	16.1	11.5	13.4	11.3
2015	6.4	9.5	13.8	20.6	51.0	100.0	16.2	11.4	13.0	10.4
2016	6.4	9.7	13.5	20.4	51.1	100.0	16.1	11.3	12.6	11.1

Source: (1979-2011) Congressional Budget Office, <https://www.cbo.gov/publication/49440>; (2012-2016) CBO, The Distribution of Household Income Table Builder (2019)

Notes: Effective tax rates are calculated by dividing taxes by comprehensive household income. An elderly childless household is headed by a person age 65 or older with no member under age 18.

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 employees' 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.

The minimum adjusted income is the lower income boundary for each quintile. Because incomes are adjusted by dividing income by the square root of household size, an adjusted income range implies different unadjusted income for different size households. To compute the unadjusted income range for a particular size household, the adjusted income must be multiplied by the square root of the household size: 1.414 for a two-person household, 1.732 for a three-person household; 2.0 for a four-person household, 2.236 for a five-person household.

Numbers in the data may not add up to totals because of rounding.