20-Sep-21

Number of Households, Average Income, and Income Shares for All Households, by Comprehensive Household Income Quintile, 1979-2018

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	17.5	16.2	15.1	15.5	16.6	81.1	8.1	4.3	3.4	0.9
1980	17.6	16.4	15.4	15.8	17.0	82.6	8.3	4.3	3.5	0.9
1981	17.3	16.7	15.9	15.9	17.5	83.8	8.5	4.4	3.7	0.9
1982	16.9	16.8	16.0	16.2	17.8	84.3	8.7	4.5	3.7	0.9
1983	16.7	17.3	16.5	16.8	18.0	85.8	8.8	4.6	3.7	0.9
1984	17.8	17.4	16.6	17.0	17.9	87.2	8.8	4.5	3.7	0.9
1985	17.7	17.7	17.0	17.3	18.6	88.8	9.2	4.7	3.8	1.0
1986	18.0	18.0	17.4	17.5	18.6	89.9	9.1	4.7	3.8	1.0
1987	17.7	18.7	18.0	17.9	18.8	91.4	9.3	4.7	3.8	0.9
1988	17.9	19.1	18.1	18.4	19.1	93.1	9.5	4.8	3.9	1.0
1989	17.8	19.3	18.4	18.5	19.2	93.6	9.5	4.8	3.9	1.0
1990	18.2	19.2	18.4	18.8	19.7	94.6	9.7	5.0	4.0	1.0
1991	18.2	19.5	19.0	18.9	19.9	96.0	9.8	5.0	4.1	1.0
1992	17.8	19.9	19.1	19.0	20.1	96.3	9.9	5.1	4.1	1.0
1993	17.8	20.2	19.3	19.3	20.3	97.3	10.0	5.1	4.1	1.0
1994	18.3	20.5	19.8	19.6	20.4	99.1	10.0	5.2	4.2	1.0
1995	18.9	20.3	19.7	19.8	20.6	99.7	10.1	5.3	4.2	1.0
1996	18.9	20.8	20.0	20.1	21.0	101.1	10.3	5.3	4.3	1.1
1997	19.5	20.6	20.3	20.3	21.4	102.6	10.6	5.4	4.3	1.0
1998	20.0	20.7	20.7	20.6	21.6	104.0	10.7	5.5	4.3	1.0
1999	20.4	20.7	20.7	20.9	21.7	104.8	10.7	5.5	4.4	1.1
2000	21.0	21.6	21.5	21.5	22.3	108.3	11.0	5.6	4.6	1.1
2001	21.1	21.8	21.7	21.9	22.4	109.4	11.1	5.7	4.6	1.1
2002	21.3	22.5	22.1	22.2	22.7	111.4	11.2	5.7	4.7	1.1
2003	21.5	22.8	22.4	22.2	22.8	112.1	11.3	5.7	4.6	1.1
2004	21.8	23.2	22.5	22.3	22.9	113.3	11.3	5.8	4.6	1.1
2005	22.2	23.4	22.6	22.6	23.2	114.5	11.5	5.9	4.7	1.1
2006	21.8	23.8	23.4	23.1	23.6	116.1	11.7	6.0	4.8	1.1
2007	22.7	23.8	23.2	23.0	23.7	116.9	11.8	6.0	4.8	1.2
2008	22.5	24.1	23.4	23.1	23.5	117.3	11.6	6.0	4.8	1.1
2009	21.6	24.3	23.7	23.5	23.8	117.6	11.9	6.0	4.8	1.1
2010	22.3	24.9	24.3	23.9	24.1	120.0	12.0	6.1	4.8	1.2
2011	22.9	25.1	24.4	24.1	24.1	121.2	12.0	6.1	4.8	1.1
2012	23.0	25.2	24.8	24.4	24.6	122.5	12.3	6.2	4.9	1.2
2013	23.2	25.4	24.9	24.4	24.6	123.1	12.4	6.2	4.9	1.2
2014	23.7	26.0	24.8	24.7	24.9	124.7	12.4	6.4	5.0	1.2
2015	24.3	26.1	25.2	24.9	25.0	126.1	12.5	6.3	5.0	1.2
2016	24.8	26.1	25.1	25.0	24.9	126.5	12.5	6.3	4.9	1.2
2017	24.8	26.4	25.4	25.2	25.2	127.7	12.7	6.4	5.0	1.2
2018	25.1	26.3	25.7	25.6	25.5	128.7	12.8	6.4	5.0	1.2
Average Before-Tax Income (2018 dollars)										
1979	16.100	38.600	59.100	80.300	152.300	68.500	104.300	129.000	186.700	584.900
1980	15.400	36.900	57.100	78.000	148.200	66.500	102.100	126.500	180.400	561.000
1981	15.300	36.700	56.800	78.900	147.700	66.800	101.900	126.700	178.700	558.600
1982	14.800	35.900	56.000	78.100	148.700	66.900	101.800	125.800	179.300	588.500
1983	14.100	35.000	55.200	77.800	154.100	67.600	103.000	129.200	184.800	645.300
1984	15.100	37.200	58.400	81.900	167.200	71.400	110.000	139.200	200.400	713.600
1985	15.100	37.200	58.500	82.300	169.000	72.500	108.900	138.500	202.600	764.400
1986	14.900	37.700	59.800	85.100	189.400	77.400	114.100	145.200	220.800	1.001.300
1987	14.400	36.800	59.400	85.700	179.000	74.900	115.200	147.900	218.800	802.500
1988	14.800	37.400	60.300	86.300	191.500	78.100	116.700	150.600	225.800	1.005.300
1989	15.500	37.700	60.900	87.400	191.100	78.600	118.500	153.100	230.200	935.500
1990	16.000	39.000	61.400	86.700	186.400	78.200	117.100	149.700	223.900	905.300
1991	16.100	38.000	60.300	85.900	180.200	76.400	115.300	148.800	219.900	814.400
1992	16.200	37.700	60.500	86.700	187.800	78.400	116.600	151.200	227.200	918.300
1993	16.200	37.800	60.700	87.500	188.100	78.700	118.100	152.700	229.400	882.700
1994	16.100	38.100	60.900	88.500	192.500	79.600	120.700	155.400	235.200	909.600
1995	17.400	40.100	63.100	90.500	201.800	82.900	124.000	159.800	247.400	1.009.800
1996	17.300	40.100	64.100	92.300	213.300	86.100	126.700	165.900	257.500	1.118.800
1997	18.300	41.600	65.400	94.500	226.600	90.100	129.700	172.200	274.500	1.291.900
1998	19.400	43.500	67.700	98.100	242.000	95.000	135.200	179.300	289.900	1.467.300
1999	20.300	45.000	69.700	100.800	257.700	99.600	140.600	186.700	303.800	1.601.400
2000	20.000	45.100	70.100	102.500	270.300	102.300	143.400	192.500	313.100	1.760.400
2001	19.700	44.600	69.800	101.300	246.600	96.700	142.000	186.800	295.500	1.407.300
2002	19.500	43.400	68.300	99.500	234.500	92.900	139.500	184.200	283.700	1.247.000
2003	19.200	43.000	68.200	100.800	242.500	94.500	141.600	188.000	293.100	1.327.500
2004	19.500	44.000	70.400	104.100	263.800	99.800	146.700	194.300	311.300	1.583.000
2005	20.100	44.500	71.700	105.800	286.100	105.200	149.700	202.000	335.800	1.912.800
2006	21.000	45.500	72.400	107.900	298.600	109.300	153.400	207.600	346.400	2.069.800
2007	22.500	47.700	75.000	110.800	310.100	112.700	156.400	212.900	357.700	2.180.500
2008	22.000	45.900	72.700	108.100	281.000	104.600	153.400	205.900	331.100	1.780.900
2009	21.100	44.500	71.100	105.600	254.500	98.400	149.700	200.100	310.900	1.390.000
2010	20.600	43.900	70.300	105.100	266.200	100.100	149.900	201.700	319.800	1.595.900
2011	20.800	43.700	69.600	105.000	268.900	100.000	151.300	204.800	327.200	1.595.600
2012	20.000	43.400	69.700	105.700	290.400	104.700	152.400	207.700	342.600	1.970.700
2013	20.700	44.200	70.900	108.200	280.000	103.400	155.300	213.400	346.500	1.658.500
2014	20.200	44.300	72.300	110.000	296.200	107.100	159.200	217.300	360.000	1.867.200
2015	21.300	46.300	74.800	113.600	306.700	110.400	165.000	225.100	373.900	1.949.900
2016	21.400	47.100	75.300	113.800	302.200	109.500	165.700	226.800	373.100	1.853.500
2017	21.700	47.500	76.500	115.900	316.300	113.100	169.100	233.700	388.400	2.006.000
2018	22.500	48.600	77.500	117.100	321.700	115.300	172.400	239.600	396.300	1.999.200
Average After-Tax Income (2018 dollars)										
1979	18.900	34.200	48.000	63.000	112.600	54.600	80.400	98.600	138.900	385.800
1980	18.600	32.800	46.700	61.100	109.500	53.200	78.000	95.900	133.700	381.500
1981	18.500	32.600	46.200	60.900	109.500	53.300	77.400	95.100	132.500	393.500
1982	18.200	32.400	46.000	61.400	113.500	54.500	78.900	97.400	136.800	437.800
1983	17.800	31.800	45.400	61.700	118.200	55.300	80.400	100.100	143.200	475.400
1984	18.200	33.100	47.900	64.800	128.000	58.100	85.700	108.100	154.600	521.600
1985	18.400	33.500	47.900	65.000	129.400	58.900	84.600	107.500	156.500	571.100
1986	18.400	33.500	48.900	67.100	145.400	62.800	88.400	112.500	171.600	753.700
1987	18.500	32.700	48.900	67.800	134.100	60.300	89.100	112.800	165.100	583.500
1988	18.900	33.200	49.300	68.000	144.000	62.600	90.100	115.800	170.400	722.200
1989	19.800	34.000	49.900	68.900	143.900	63.400	91.300	117.500	174.500	679.100
1990	20.400	35.000	50.200	68.500	140.500	63.200	90.000	115.500	169.300	652.900
1991	21.000	35.100	49.700	68.000	135.800	62.100	89.500	113.900	165.500	578.000
1992	21.200	35.800	50.200	69.000	141.100	63.800	90.500	116.900	171.000	645.100
1993	21.600	36.400	50.600	69.800	139.100	63.900	91.700	117.100	170.000	586.500
1994	21.900	36.600	50.900	70.300	141.200	64.400	92.800	119.300	174.200	588.500
1995	22.900	38.400	53.000	71.800	147.000	66.800	95.500	121.700	181.000	652.500
1996	22.700	38.600	53.600	73.500	154.600	69.100	97.400	125.800	188.800	724.800
1997	23.000	39.900	54.600	74.800	164.500	71.900	99.700	130.200	200.300	847.700
1998	24.300	41.800	57.100	78.200	177.000	76.100	104.400	136.000	211.300	979.800
1999	24.700	43.000	58.800	80.600	187.300	79.300	108.200	140.800	220.200	1.066.100
2000	24.800	43.000	59.300	81.900	196.700	81.500	110.800	144.800	226.300	1.182.600
2001	25.000	43.900	60.300	82.300	182.100	78.800	110.900	142.300	217.600	946.200
2002	25.100	43.800	59.900	81.700	175.400	76.800	110.400	142.100	211.500	840.600
2003	25.000	44.300	60.800	84.200	184.400	79.100	113.700	147.300	220.900	919.000
2004	25.500	45.600	62.700	86.700	199.800	83.200	117.800	151.800	233.500	1.104.100
2005	26.000	46.200	63.400	88.000	215.100	86.900	119.800	157.800	249.500	1.331.500
2006	27.000	46.600	64.100	89.400	224.600	90.000	122.700	162.100	257.000	1.449.100
2007	28.300	48.600	66.500	92.200	235.600	93.300	125.800	166.700	267.200	1.560.500
2008	29.000	49.200	66.800	92.600	216.200	89.100	125.300	162.900	250.800	1.271.400
2009	29.000	49.300	66.400	91.200	197.000	85.200	123.000	159.100	237.100	983.700
2010	28.800	49.100	65.800	90.100	204.500	86.100	122.600	160.400	241.300	1.122.300
2011	28.800	48.800	65.300	90.400	207.300	86.100	124.400	162.800	247.800	1.129.500
2012	28.200	48.300	65.200	90.700	222.400	89.400	124.700	164.800	257.000	1.400.900
2013	28.800	48.500	65.400	91.000	208.100	86.600	124.500	165.500	255.600	1.093.400
2014	29.400	49.800	67.200	93.100	219.100	89.700	127.500	168.900	263.400	1.234.500
2015	31.000	52.200	70.100	96.800	226.700	92.800	131.700	174.600	273.800	1.289.500
2016	31.200	52.800	70.900	97.200	224.800	92.500	132.800	176.900	273.000	1.232.000
2017	31.600	52.900	71.800	98.500	236.200	95.400	135.800	180.900	285.300	1.360.800
2018	32.800	54.700	73.100	101.200	245.000	98.600	139.600	189.200	301.800	1.384.200
Share of Before-Tax Income (Percent)										
1979	5.0	11.2	16.0	22.4	45.6	100.0	15.3	9.9	11.5	9.0
1980	4.9	11.0	16.0	22.4	46.0	100.0	15.4	10.0	11.6	9.0
1981	4.7	10.9	16.1	22.5	46.2	100.0	15.5	10.1	11.7	9.0
1982	4.4	10.7	15.9	22.5	47.0	100.0	15.7	10.1	11.7	9.5
1983	4.1	10.5	15.7	22.5	47.9	100.0	15.7	10.1	11.9	10.2
1984	4.3	10.4	15.6	22.4	48.0	100.0	15.5	10.1	11.8	10.6
1985	4.1	10.2	15.4	22.1	48.8	100.0	15.5	10.1	11.9	11.3
1986	3.9	9.7	14.9	21.4	50.8	100.0	15.0	9.9	12.1	13.8
1987	3.7	10.1	15.6	22.4	49.0	100.0	15.7	10.2	12.1	11.1
1988	3.7	9.8	15.1	21.8	50.4	100.0	15.3	9.9	12.0	13.2
1989	3.8	9.9	15.2	21.9	50.0	100.0	15.3	10.1	12.2	12.3
1990	3.9	10.1	15.2	22.0	49.5	100.0	15.3	10.1	12.2	12.0
1991	4.0	10.1	15.6	22.1	49.0	100.0	15.4	10.2	12.3	11.1
1992	3.8	9.9	15.3	21.9	49.9	100.0	15.3	10.1	12.4	12.1
1993	3.8	10.0	15.3	22.0	49.8	100.0	15.4	10.2	12.4	11.7
1994	3.7	9.9	15.3	22.0	49.8	100.0	15.4	10.2	12.4	11.8
1995	4.0	9.9	15.1	21.7	50.2	100.0	15.2	10.2	12.5	12.3
1996	3.8	9.6	14.7	21.3	51.3	100.0	15.0	10.1	12.6	13.6
1997	3.9	9.3	14.4	20.7	52.4	100.0	14.9	10.1	12.7	14.7
1998	4.0	9.1	14.2	20.5	52.9	100.0	14.7	10.0	12.7	15.5
1999	4.0	8.9	13.8	20.2	53.7	100.0	14.4	9.9	12.9	16.5
2000	3.8	8.8	13.6	19.9	54.4	100.0	14.3	9.8	12.9	17.5
2001	3.9	9.2	14.3	21.0	52.3	100.0	14.8	10.1	12.7	14.6
2002	4.0	9.4	14.6	21.3	51.4	100.0	15.1	10.2	12.8	13.3
2003	3.9	9.2	14.4	21.1	52.1	100.0	15.1	10.2	12.8	14.1
2004	3.8	9.0	14.0	20.5	53.4	100.0	14.7	10.0	12.7	16.0
2005	3.7	8.6	13.5	19.9	55.0	100.0	14.3	9.9	13.0	17.9
2006	3.6	8.5	13.3	19.6	55.6	100.0	14.1	9.8	13.1	18.6
2007	3.9	8.6	13.2	19.3	55.7	100.0	14.0	9.7	13.0	19.1
2008	4.0	9.0	13.9	20.4	53.9	100.0	14.6	10.0	12.9	16.4
2009	3.9	9.4	14.5	21.5	52.3	100.0	15.3	10.4	12.8	13.7
2010	3.8	9.1	14.2	20.9	53.4	100.0	15.0	10.2	12.9	15.3
2011	3.9	9.1	14.0	20.9	53.5	100.0	15.0	10.3	13.0	15.1
2012	3.6	8.5	13.5	20.1	55.6	100.0	14.6	10.1	13.1	17.8
2013	3.8	8.8	13.9	20.7	54.2	100.0	15.1	10.3	13.3	15.4
2014	3.6	8.6	13.4	20.3	55.3	100.0	14.8	10.3	13.5	16.7
2015	3.7	8.7	13.6	20.3	55.0	100.0	14.8	10.3	13.3	16.6
2016	3.8	8.9	13.6	20.5	54.4	100.0	14.9	10.3	13.3	15.8
2017	3.7	8.7	13.5	20.3	55.2	100.0	14.8	10.3	13.4	16.7
2018	3.8	8.6	13.4	20.2	55.2	100.0	14.9	10.3	13.4	16.6
Share of After-Tax Income (Percent)										
1979	7.5	12.3	16.6	22.2	41.7	100.0	14.7	9.2	10.4	7.4
1980	7.4	12.4	16.4	22.2	42.1	100.0	14.8	9.3	10.5	7.6
1981	7.1	12.2	16.3	22.2	42.7	100.0	14.8	9.4	10.6	7.9
1982	6.6	11.8	16.1	22.2	43.9	100.0	15.1	9.5	10.8	8.6
1983	6.2	11.4	16.0	22.2	44.9	100.0	15.0	9.6	11.1	9.2
1984	6.2	11.4	15.8	22.2	45.2	100.0	15.0	9.6	11.1	9.6
1985	6.1	11.2	15.6	21.9	46.1	100.0	15.0	9.6	11.2	10.3
1986	5.7	10.7	15.1	21.2	48.1	100.0	14.5	9.4	11.4	12.9
1987	5.7	11.2	16.1	22.5	45.5	100.0	15.1	9.6	11.1	9.6
1988	5.6	11.0	15.6	21.8	47.0	100.0	14.8	9.4	11.2	11.7
1989	5.8	11.1	15.7	21.8	46.7	100.0	14.8	9.5	11.3	11.0
1990	6.0	11.2	15.7	21.8	46.3	100.0	14.8	9.5	11.2	10.8
1991	6.3	11.4	16.1	22.0	45.4	100.0	14.8	9.5	11.3	9.8
1992	6.1	11.3	15.9	21.8	46.0	100.0	14.7	9.5	11.3	10.5
1993	6.2	11.4	16.0	22.0	45.4	100.0	14.8	9.6	11.3	9.7
1994	6.3	11.5	16.1	22.0	45.2	100.0	14.8	9.5	11.2	9.7
1995	6.4	11.5	15.8	21.8	45.5	100.0	14.6	9.5	11.4	10.0
1996	6.1	11.2	15.6	21.4	46.6	100.0	14.6	9.5	11.4	11.1
1997	6.1	10.8	15.1	21.0	47.8	100.0	14.5	9.5	11.6	12.2
1998	6.1	10.8	15.0	20.7	48.2	100.0	14.1	9.4	11.6	13.1
1999	6.1	10.6	14.8	20.4	48.9	100.0	14.0	9.3	11.7	14.0
2000	5.9	10.4	14.6	20.1	49.6	100.0	13.8	9.2	11.7	14.9
2001	6.1	11.0	15.3	21.1	47.4	100.0	14.2	9.4	11.5	12.3
2002	6.3	11.2	15.6	21.5	46.4	100.0	14.4	9.4	11.5	11.0
2003	6.2	11.1	15.5	21.1	47.1	100.0	14.4	9.4	11.5	11.8
2004	6.1	10.9	15.1	20.7	48.3	100.0	14.1	9.3	11.4	13.5
2005	6.0	10.4	14.6	20.0	49.8	100.0	13.7	9.2	11.7	15.1
2006	5.8	10.3	14.4	19.9	50.5	100.0	13.6	9.2	11.8	15.8
2007	6.1	10.2	14.2	19.5	50.9	100.0	13.5	9.1	11.8	16.6
2008	6.6	10.9	15.0	20.5	48.6	100.0	13.9	9.3	11.4	13.9
2009	6.7	11.3	15.7	21.4	46.7	100.0	14.5	9.5	11.3	11.4
2010	6.7	11.1	15.4	21.0	47.5	100.0	14.2	9.4	11.3	12.7
2011	6.8	11.0	15.2	20.9	47.7	100.0	14.2	9.5	11.5	12.5
2012	6.3	10.5	14.6	20.3	49.8	100.0	13.9	9.3	11.6	15.0
2013	6.7	10.9	15.2	20.9	48.0	100.0	14.4	9.5	11.8	12.3
2014	6.8	10.9	14.8	20.4	48.8	100.0	14.1	9.5	11.9	13.3
2015	7.1	11.0	14.8	20.3	48.4	100.0	14.1	9.4	11.7	13.3
2016	7.2	11.2	14.9	20.4	47.8	100.0	14.1	9.4	11.7	12.8
2017	7.0	11.0	14.7	20.2	48.8	100.0	14.0	9.5	11.8	13.6
2018	7.1	10.7	14.6	20.0	49.1	100.0	14.1	9.5	11.9	13.6

Source: Congressional Budget Office, https://www.cbo.gov/publication/56575

Notes: Effective tax rates are calculated by dividing taxes by comprehensive household income; * = between -0.05 and 0.05 percent.

Numbers in the data may not add up to totals because of rounding. Dollar amounts are rounded to the nearest hundred;

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.