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Average Federal Tax Rates for Households with Children, by Comprehensive Household Income Quintile, 1979-2017											
Year	Lowest Quintile	Second Quintile	Middle-Quintile Fourth-Quintile	Highest Quintile	All Quintiles	Est.- 90th Percentile	Est.- 95th Percentile	90th-95th Percentile	Top 1%		
Average Total Federal Tax Rate (percent)											
1979	12.0	17.4	20.3	22.1	25.9	22.0	23.3	24.4	26.4	33.0	
1980	11.6	17.4	20.5	22.5	26.0	22.2	23.9	24.9	26.8	30.9	
1981	12.7	18.3	21.4	23.1	25.9	22.8	24.8	25.5	26.2	28.7	
1982	12.6	17.2	20.3	22.1	23.7	21.3	23.1	23.6	24.1	24.9	
1983	13.6	17.2	18.8	21.6	23.6	21.2	22.7	22.8	23.3	26.3	
1984	13.6	18.2	20.3	22.0	23.5	21.7	22.6	22.8	23.2	26.0	
1985	14.8	18.1	20.5	22.0	23.1	21.5	22.9	22.9	23.1	24.9	
1986	14.3	18.3	20.7	22.2	23.4	21.7	23.1	23.0	23.1	24.2	
1987	13.3	17.5	20.4	21.6	25.5	22.2	23.1	24.2	25.5	30.0	
1988	11.5	17.6	20.5	22.0	25.1	22.2	23.4	24.1	25.2	28.1	
1989	12.2	17.2	20.4	22.2	24.8	21.9	23.6	24.8	25.1	27.6	
1990	11.7	17.2	20.4	22.2	24.8	21.9	23.6	24.8	25.1	27.6	
1991	11.7	17.6	20.5	22.2	25.5	22.3	23.7	24.4	25.9	29.1	
1992	10.6	16.4	17.8	21.1	25.7	22.1	23.5	24.3	26.1	29.8	
1993	10.2	17.1	20.1	22.1	27.6	22.8	23.4	25.0	27.2	34.1	
1994	7.7	17.4	20.1	22.2	27.5	22.9	23.7	25.2	27.7	35.3	
1995	6.4	16.8	20.2	22.2	28.1	23.1	24.2	25.3	27.7	35.7	
1996	5.5	16.5	20.3	22.3	28.3	23.2	24.3	25.4	27.8	35.3	
1997	5.7	16.5	20.5	22.4	28.4	23.2	24.2	25.5	28.5	34.6	
1998	5.6	16.5	20.2	22.3	28.1	23.1	24.1	25.6	28.3	33.3	
1999	6.1	15.6	18.4	21.8	28.7	23.2	24.3	25.9	29.2	33.6	
2000	5.9	15.3	18.2	21.9	28.8	23.4	24.4	25.1	29.2	33.1	
2001	4.5	13.4	17.5	20.5	27.6	21.9	23.4	25.3	27.8	32.9	
2002	3.8	12.5	17.0	19.3	26.8	21.2	22.5	24.4	27.1	33.0	
2003	3.2	11.3	16.0	18.8	25.8	20.3	21.4	23.3	26.9	30.6	
2004	3.5	11.3	16.1	19.1	26.3	20.8	21.7	23.6	27.2	30.7	
2005	3.5	11.5	16.1	19.1	26.4	21.0	21.8	23.7	27.1	30.3	
2006	2.5	12.0	16.1	19.0	25.9	20.7	21.8	23.5	26.8	28.9	
2007	-3.0	8.3	13.6	17.3	23.0	18.8	20.4	20.0	26.0	28.6	
2008	-4.9	7.9	13.3	16.9	24.7	18.1	20.2	20.5	26.8	29.5	
2009	-4.0	7.9	13.7	17.4	25.5	18.1	20.6	20.0	26.1	29.9	
2010	-3.2	8.0	13.6	17.0	24.9	18.0	20.0	20.3	26.9	29.7	
2011	-4.7	7.9	13.8	17.4	25.1	18.2	20.8	20.7	26.1	29.1	
2012	-2.8	8.8	13.6	19.2	28.1	21.5	22.5	24.4	28.0	34.7	
2013	-2.7	8.8	13.8	19.8	28.6	21.6	22.7	24.6	28.5	34.5	
2014	-2.5	10.3	13.8	19.8	28.8	21.8	23.0	25.0	28.6	34.0	
2015	-2.0	10.4	13.0	19.9	28.3	21.8	23.0	25.0	28.6	34.0	
2016	-2.9	10.8	13.0	19.7	28.0	21.8	23.1	25.2	28.6	33.4	
2017	-2.9	10.8	13.0	19.7	28.0	21.8	23.1	25.2	28.6	33.4	
Average Individual Income Tax Rate (percent)											
1979	-0.8	5.1	8.2	10.5	15.8	10.6	12.7	14.5	17.7	22.2	
1980	-0.5	5.5	8.8	11.3	16.5	11.2	13.6	15.5	18.6	21.8	
1981	0.1	6.1	9.2	12.6	16.7	11.6	14.2	15.9	18.8	21.0	
1982	0.2	5.3	8.4	10.7	15.1	10.5	12.6	14.3	17.1	19.3	
1983	0.1	4.9	9.4	9.3	14.4	10.0	12.8	14.0	16.1	19.1	
1984	0.7	5.1	7.5	9.5	14.0	9.9	11.0	12.4	15.0	19.2	
1985	0.3	4.9	10.4	9.4	13.7	9.5	11.2	12.6	14.7	18.4	
1986	0.2	5.1	7.4	9.4	14.4	10.2	11.2	12.7	15.5	18.6	
1987	-1.6	3.9	16.5	8.5	15.5	9.9	10.9	13.2	16.1	22.0	
1988	-2.2	3.8	6.6	8.6	15.3	9.8	10.9	13.0	16.7	21.8	
1989	-3.6	3.3	6.6	8.7	15.2	9.8	11.0	12.9	16.6	21.1	
1990	-2.6	4.1	6.6	8.7	14.7	9.5	10.9	12.5	16.5	20.9	
1991	-4.0	3.6	6.5	8.4	14.8	9.4	10.8	12.6	16.1	22.0	
1992	-4.7	3.1	6.2	8.2	15.0	9.3	10.5	12.6	16.4	22.7	
1993	-5.1	2.8	6.1	8.2	15.8	8.7	10.5	12.7	16.8	20.7	
1994	-6.1	2.3	6.0	8.2	16.7	9.8	10.7	12.8	17.6	20.3	
1995	-10.1	1.9	6.0	8.3	17.2	10.0	10.8	13.2	18.3	20.7	
1996	-9.9	2.3	6.2	8.4	17.5	10.3	11.1	13.4	18.4	20.1	
1997	-10.0	2.3	6.2	7.9	17.8	10.1	11.0	13.8	18.2	20.5	
1998	-10.1	1.3	5.1	7.9	18.5	10.7	11.2	14.2	18.8	20.2	
1999	-10.3	1.2	5.1	8.0	19.8	11.3	11.4	14.4	20.0	20.2	
2000	-10.9	-0.4	3.8	6.9	17.7	9.7	10.5	13.6	18.9	20.0	
2001	-11.1	-0.6	3.8	6.9	18.0	9.7	10.6	13.8	19.1	20.0	
2002	-11.1	-2.4	2.3	5.3	15.0	7.6	8.4	11.4	16.8	22.6	
2003	-12.1	-2.1	5.3	12.2	16.0	8.6	10.4	11.7	17.4	21.7	
2004	-12.2	-2.5	2.4	5.4	15.4	8.2	8.8	11.7	17.5	21.1	
2005	-12.4	-2.3	1.4	5.4	15.6	8.4	8.8	11.9	17.4	20.7	
2006	-12.2	-2.6	2.7	5.7	16.0	8.9	9.1	12.1	17.9	20.8	
2007	-17.4	-4.7	0.8	4.4	15.5	7.3	8.2	11.9	17.7	20.7	
2008	-18.9	-5.2	0.7	4.3	14.9	6.6	8.0	11.3	16.9	22.4	
2009	-19.3	-4.9	1.0	4.7	15.2	7.3	8.3	11.7	17.2	21.2	
2010	-17.3	-3.5	2.2	5.7	15.6	8.0	9.2	12.3	17.8	21.4	
2011	-17.2	-3.7	3.2	5.9	16.2	8.7	9.5	12.6	18.1	21.1	
2012	-17.5	-3.4	2.4	6.1	17.5	9.3	9.7	12.7	18.5	25.3	
2013	-17.7	-3.7	1.4	6.3	18	9.7	10	13.2	19	23.5	
2014	-17.9	-3.2	2.7	6.5	18.4	10.1	10.3	13.4	19.3	25.3	
2015	-17.7	-2.9	2.8	6.7	18.0	9.8	10.4	13.3	19.6	25.1	
2016	-17.4	-2.6	3.0	6.9	18.6	10.4	10.7	14.0	19.9	25.5	
2017	-17.4	-2.6	3.0	6.9	18.6	10.4	10.7	14.0	19.9	25.5	
Average Payroll Tax Rate (percent)											
1979	9.1	9.5	9.5	9.9	5.4	7.9	7.7	6.3	3.7	1.1	
1980	8.9	9.5	9.5	9.9	5.6	8.0	7.9	6.4	4.1	1.3	
1981	8.8	9.5	9.5	9.9	5.6	8.0	8.7	6.4	4.1	1.4	
1982	9.7	10.2	10.4	10.0	6.5	9.0	9.0	7.7	5.9	1.7	
1983	9.6	10.3	10.4	10.0	6.5	9.0	9.0	7.8	5.5	1.6	
1984	10.7	10.8	10.8	10.5	6.7	9.3	9.5	8.2	5.5	1.6	
1985	10.7	10.8	10.8	10.5	6.9	9.4	9.4	8.2	5.5	1.6	
1986	10.7	11.1	11.4	11.0	6.2	9.2	20.0	8.3	5.2	1.0	
1987	10.4	11.1	11.4	11.0	6.8	9.2	10.6	8.6	5.2	1.7	
1988	10.8	11.6	11.8	11.4	6.8	9.7	20.3	8.8	5.7	1.4	
1989	10.9	11.6	11.8	11.4	6.8	9.7	20.3	8.8	5.4	1.5	
1990	11.4	11.9	11.9	11.6	7.3	10.1	20.6	9.1	5.9	1.9	
1991	12.5	11.7	11.9	11.8	7.9	10.4	11.0	9.3	6.1	2.1	
1992	11.3	11.5	11.8	11.7	7.7	10.2	11.0	9.5	6.9	1.9	
1993	11.3	11.5	11.8	11.7	7.8	10.2	10.7	9.7	7.1	2.2	
1994	11.3	11.4	11.8	11.7	8.1	10.3	10.9	9.6	7.5	3.1	
1995	11.6	11.8	11.8	11.7	7.7	10.1	11.0	9.7	6.9	2.6	
1996	11.5	11.5	11.9	11.7	7.4	9.9	10.8	9.4	6.8	2.4	
1997	11.6	11.7	11.9	11.7	7.0	9.7	10.9	9.3	6.5	2.3	
1998	11.8	11.8	11.8	11.7	6.8	9.5	10.9	9.2	6.5	2.1	
1999	11.7	11.7	11.9	11.7	6.8	9.3	10.8	9.3	6.5	2.1	
2000	11.8	11.7	12.0	11.7	7.3	9.9	11.2	9.8	6.9	2.4	
2001	11.7	11.5	12.0	11.7	7.6	9.9	11.1	9.9	7.1	2.6	
2002	11.5	11.4	11.5	11.4	7.3	9.6	10.9	9.7	7.0	2.4	
2003	11.5	11.1	11.4	11.4	6.9	9.3	10.7	9.6	6.7	2.1	
2004	11.6	11.3	11.4	11.3	6.4	9.0	10.8	9.2	6.2	1.9	
2005	11.7	11.2	11.3	11.2	6.0	8.7	10.4	9.0	6.2	1.7	
2006	11.9	11.4	11.3	11.2	5.8	8.5	10.5	8.9	6.1	1.5	
2007	11.3	11.0	11.3	11.1	6.0	8.2	10.8	9.4	6.4	2.1	
2008	11.5	11.0	11.2	11.3	7.5	9.6	10.9	9.9	7.3	2.7	
2009	11.4	10.9	11.1	11.2	6.8	9.1	10.8	9.7	6.6	2.4	
2010	10.1	9.6	9.7	9.8	6.1	8.1	9.3	8.3	6.1	2.2	
2011	10.0	9.6	9.7	9.8	6.1	8.1	9.3	8.3	6.1	2.2	
2012	11.7	11.1	11.2	11.3	6						