T16-0092
Effective Federal Tax Rates - All Tax Units
By Expanded Cash Income Percentile, 2016
Baseline: Current Law

Expanded Cash Income Percentile ¹	Тах	Units	As a Percentage of Expanded Cash Income						
	Number (Thousands)	Percent of Total	Individual Income Tax ²	Payroll Tax ³	Corporate Income Tax	Estate Tax	Excise Tax	All Federal Tax ⁴	
Lowest Quintile	48,030	27.7	-4.8	6.1	0.7	*	1.5	3.5	
Second Quintile	38,040	21.9	-1.4	7.5	1.1	*	1.1	8.2	
Middle Quintile	33,680	19.4	3.4	7.9	1.3	*	0.9	13.4	
Fourth Quintile	28,580	16.5	6.6	8.3	1.5	*	0.8	17.3	
Top Quintile	23,850	13.8	16.1	6.0	2.8	0.2	0.6	25.7	
All	173,400	100.0	9.9	6.9	2.1	0.1	0.8	19.8	
Addendum									
80-90	12,350	7.1	8.9	8.7	1.8	*	0.7	20.0	
90-95	5,880	3.4	11.2	8.0	2.0	0.1	0.7	21.9	
95-99	4,480	2.6	15.7	6.3	2.4	0.2	0.6	25.2	
Top 1 Percent	1,140	0.7	25.3	2.3	4.5	0.5	0.4	33.0	
Top 0.1 Percent	120	0.1	26.3	1.4	5.8	0.4	0.3	34.2	

^{*} Less than 0.05; ** Insufficient data; *** Less than 5 in absolute value.

⁽¹⁾ The income percentile classes used in this table are based on the income distribution for the entire population and contain an equal number of people, not tax units. The breaks are (in 2016 dollars): 20% \$24,400; 40% \$47,700; 60% \$82,300; 80% \$142,200; 90% \$206,800; 95% \$291,700; 99% \$693,500; 99.9% \$3,646,300. Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative adjusted gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, see http://www.taxpolicycenter.org/TaxModel/income.cfm.

⁽²⁾ After tax credits (including refundable portion of earned income and child tax credits).

⁽³⁾ Includes both the employee and employer portion of Social Security and Medicare tax.

⁽⁴⁾ Excludes customs duties.

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Effective Federal Tax Rates - All Tax Units

by Expanded Cash Income Percentile Adjusted for Family Size, 2016

Baseline: Current Law

_	Tax	Units	As a Percentage of Expanded Cash Income						
Expanded Cash Income Percentile ¹	Number (Thousands)	Percent of Total	Individual Income Tax ²	Payroll Tax ³	Corporate Income Tax	Estate Tax	Excise Tax	All Federal Tax ⁴	
Lowest Quintile	38,760	22.4	-9.5	7.4	0.7	*	1.5	0.1	
Second Quintile	35,900	20.7	-2.8	7.3	0.9	*	1.1	6.4	
Middle Quintile	34,380	19.8	2.3	7.9	1.1	*	0.9	12.2	
Fourth Quintile	32,470	18.7	6.0	8.4	1.4	*	0.8	16.6	
Top Quintile	30,680	17.7	15.8	6.0	2.8	0.2	0.6	25.4	
All	173,400	100.0	9.9	6.9	2.1	0.1	0.8	19.8	
Addendum									
80-90	15,770	9.1	9.0	8.4	1.7	*	0.7	19.9	
90-95	7,730	4.5	11.3	8.0	2.0	0.1	0.7	22.0	
95-99	5,840	3.4	15.2	6.4	2.4	0.1	0.6	24.7	
Top 1 Percent	1,330	0.8	25.0	2.4	4.5	0.6	0.4	32.9	
Top 0.1 Percent	140	0.1	26.2	1.4	5.8	0.5	0.3	34.2	

- (2) After tax credits (including refundable portion of earned income and child tax credits).
- (3) Includes both the employee and employer portion of Social Security and Medicare tax.
- (4) Excludes customs duties.

^{*} Less than 0.05; ** Insufficient data; *** Less than 5 in absolute value.

⁽¹⁾ The income percentile classes used in this table are based on the income distribution for the entire population and contain an equal number of people, not tax units. The incomes used are adjusted for family size by dividing by the square root of the number of people in the tax unit. The resulting percentile breaks are (in 2016 dollars): 20% \$17,000; 40% \$31,500; 60% \$52,700; 80% \$87,100; 90% \$124,400; 95% \$173,200; 99% \$398,800; 99.9% \$2,084,600. Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative adjusted gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, see http://www.taxpolicycenter.org/TaxModel/income.cfm.

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Effective Federal Tax Rates - Single Tax Units

by Expanded Cash Income Percentile Adjusted for Family Size, 2016

Baseline: Current Law

	Tax l	Jnits	As a Percentage of Expanded Cash Income						
Expanded Cash Income Percentile ¹	Number (Thousands)	Percent of Total	Individual Income Tax ²	Payroll Tax ³	Corporate Income Tax	Estate Tax	Excise Tax	All Federal Tax ⁴	
Lowest Quintile	26,420	29.9	-2.8	5.8	0.6	*	1.7	5.3	
Second Quintile	21,360	24.2	0.4	5.6	1.0	*	1.1	8.1	
Middle Quintile	17,360	19.6	3.8	7.3	1.3	*	1.0	13.4	
Fourth Quintile	13,190	14.9	7.2	8.1	1.7	*	0.8	17.8	
Top Quintile	9,440	10.7	14.3	6.3	3.0	1.0	0.6	25.2	
All	88,420	100.0	7.8	6.8	2.0	0.4	0.9	17.8	
Addendum									
80-90	5,470	6.2	10.0	8.0	2.1	0.1	0.8	20.9	
90-95	2,330	2.6	11.3	8.0	2.5	0.3	0.7	22.7	
95-99	1,410	1.6	14.4	6.0	2.8	0.8	0.6	24.6	
Top 1 Percent	230	0.3	24.1	1.9	5.1	3.6	0.3	35.1	
Top 0.1 Percent	30	*	25.2	1.0	6.5	2.8	0.3	35.8	

^{*} Less than 0.05; ** Insufficient data; *** Less than 5 in absolute value.

⁽¹⁾ The income percentile classes used in this table are based on the income distribution for the entire population and contain an equal number of people, not tax units. The incomes used are adjusted for family size by dividing by the square root of the number of people in the tax unit. The resulting percentile breaks are (in 2016 dollars): 20% \$17,000; 40% \$31,500; 60% \$52,700; 80% \$87,100; 90% \$124,400; 95% \$173,200; 99% \$398,800; 99.9% \$2,084,600. Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative adjusted gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, see http://www.taxpolicycenter.org/TaxModel/income.cfm.

⁽²⁾ After tax credits (including refundable portion of earned income and child tax credits).

⁽³⁾ Includes both the employee and employer portion of Social Security and Medicare tax.

⁽⁴⁾ Excludes customs duties.

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Effective Federal Tax Rates - Married Tax Units, Filing Jointly
by Expanded Cash Income Percentile Adjusted for Family Size, 2016

Baseline: Current Law

Expanded Cash Income Percentile ¹	Tax l	Jnits		As a Percentage of Expanded Cash Income						
	Number (Thousands)	Percent of Total	Individual Income Tax ²	Payroll Tax ³	Corporate Income Tax	Estate Tax	Excise Tax	All Federal Tax ⁴		
Lowest Quintile	5,000	8.5	-12.0	8.4	0.8	*	1.2	-1.6		
Second Quintile	6,870	11.7	-3.7	7.8	0.8	*	1.1	5.9		
Middle Quintile	11,150	19.0	1.5	7.9	1.0	*	0.9	11.3		
Fourth Quintile	15,860	27.0	5.4	8.4	1.3	*	0.8	15.9		
Top Quintile	19,420	33.1	16.1	5.9	2.8	*	0.6	25.4		
All	58,760	100.0	11.9	6.7	2.3	*	0.7	21.6		
Addendum										
80-90	9,240	15.7	8.6	8.5	1.6	*	0.7	19.4		
90-95	4,940	8.4	11.2	8.0	2.0	*	0.7	21.8		
95-99	4,200	7.2	15.2	6.4	2.4	*	0.6	24.7		
Top 1 Percent	1,040	1.8	25.1	2.5	4.4	0.1	0.4	32.5		
Top 0.1 Percent	100	0.2	26.4	1.4	5.7	0.1	0.3	33.9		

^{*} Less than 0.05; ** Insufficient data; *** Less than 5 in absolute value.

⁽¹⁾ The income percentile classes used in this table are based on the income distribution for the entire population and contain an equal number of people, not tax units. The incomes used are adjusted for family size by dividing by the square root of the number of people in the tax unit. The resulting percentile breaks are (in 2016 dollars): 20% \$17,000; 40% \$31,500; 60% \$52,700; 80% \$87,100; 90% \$124,400; 95% \$173,200; 99% \$398,800; 99.9% \$2,084,600. Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative adjusted gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, see http://www.taxpolicycenter.org/TaxModel/income.cfm.

⁽²⁾ After tax credits (including refundable portion of earned income and child tax credits).

⁽³⁾ Includes both the employee and employer portion of Social Security and Medicare tax.

⁽⁴⁾ Excludes customs duties.

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Effective Federal Tax Rates - Head of Household Tax Units

by Expanded Cash Income Percentile Adjusted for Family Size, 2016

Baseline: Current Law

	Tax Units			As a Percentage of Expanded Cash Income					
Expanded Cash Income Percentile ¹	Number (Thousands)	Percent of Total	Individual Income Tax ²	Payroll Tax ³	Corporate Income Tax	Estate Tax	Excise Tax	All Federal Tax ⁴	
Lowest Quintile	6,990	30.0	-21.6	9.9	0.7	*	1.4	-9.6	
Second Quintile	7,150	30.6	-8.1	9.7	0.7	*	1.1	3.4	
Middle Quintile	5,130	22.0	0.5	9.2	0.9	*	0.9	11.5	
Fourth Quintile	2,760	11.8	5.7	9.4	1.2	*	0.9	17.1	
Top Quintile	1,270	5.4	15.3	6.7	2.1	0.1	0.7	24.8	
All	23,340	100.0	0.8	8.9	1.1	*	0.9	11.7	
Addendum									
80-90	770	3.3	9.4	9.4	1.5	0.1	0.8	21.1	
90-95	330	1.4	12.5	7.4	1.5	0.1	0.7	22.2	
95-99	140	0.6	17.5	5.3	1.8	0.1	0.6	25.4	
Top 1 Percent	30	0.1	26.7	2.0	3.8	0.3	0.4	33.2	
Top 0.1 Percent	***	*	28.4	1.1	4.8	0.2	0.3	34.8	

^{*} Less than 0.05; ** Insufficient data; *** Less than 5 in absolute value.

⁽¹⁾ The income percentile classes used in this table are based on the income distribution for the entire population and contain an equal number of people, not tax units. The incomes used are adjusted for family size by dividing by the square root of the number of people in the tax unit. The resulting percentile breaks are (in 2016 dollars): 20% \$17,000; 40% \$31,500; 60% \$52,700; 80% \$87,100; 90% \$124,400; 95% \$173,200; 99% \$398,800; 99.9% \$2,084,600. Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative adjusted gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, see http://www.taxpolicycenter.org/TaxModel/income.cfm.

⁽²⁾ After tax credits (including refundable portion of earned income and child tax credits).

⁽³⁾ Includes both the employee and employer portion of Social Security and Medicare tax.

⁽⁴⁾ Excludes customs duties.

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Effective Federal Tax Rates - Tax Units with Children

by Expanded Cash Income Percentile Adjusted for Family Size, 2016

Baseline: Current Law

	Tax l	Jnits		As a Percentage of Expanded Cash Income					
Expanded Cash Income Percentile ¹	Number (Thousands)	Percent of Total	Individual Income Tax ²	Payroll Tax ³	Corporate Income Tax	Estate Tax	Excise Tax	All Federal Tax ⁴	
Lowest Quintile	9,930	19.9	-20.9	9.9	0.7	*	1.4	-8.9	
Second Quintile	10,260	20.6	-7.6	9.8	0.8	*	1.1	4.0	
Middle Quintile	10,260	20.6	0.8	9.8	0.9	*	0.9	12.4	
Fourth Quintile	9,750	19.6	5.1	10.1	1.1	*	0.8	17.2	
Top Quintile	9,350	18.8	16.9	6.5	2.4	*	0.6	26.3	
All	49,800	100.0	9.6	8.0	1.8	*	0.7	20.1	
Addendum									
80-90	4,660	9.4	8.6	9.7	1.3	*	0.7	20.4	
90-95	2,330	4.7	11.7	8.6	1.6	*	0.7	22.6	
95-99	1,880	3.8	16.7	6.6	1.9	*	0.6	25.9	
Top 1 Percent	480	1.0	26.1	2.7	4.0	0.1	0.4	33.2	
Top 0.1 Percent	50	0.1	26.6	1.6	5.4	0.1	0.4	34.2	

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0516-1).

Note: Tax units with children are those claiming an exemption for children at home or away from home.

(1) The income percentile classes used in this table are based on the income distribution for the entire population and contain an equal number of people, not tax units. The incomes used are adjusted for family size by dividing by the square root of the number of people in the tax unit. The resulting percentile breaks are (in 2016 dollars): 20% \$17,000; 40% \$31,500; 60% \$52,700; 80% \$87,100; 90% \$124,400; 95% \$173,200; 99% \$398,800; 99.9% \$2,084,600. Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative adjusted gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, see http://www.taxpolicycenter.org/TaxModel/income.cfm.

^{*} Less than 0.05; ** Insufficient data; *** Less than 5 in absolute value.

⁽²⁾ After tax credits (including refundable portion of earned income and child tax credits).

⁽³⁾ Includes both the employee and employer portion of Social Security and Medicare tax.

⁽⁴⁾ Excludes customs duties.

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Effective Federal Tax Rates - Elderly Tax Units

by Expanded Cash Income Percentile Adjusted for Family Size, 2016

Baseline: Current Law

Expanded Cash Income Percentile ¹	Tax Units			As a Percentage of Expanded Cash Income					
	Number (Thousands)	Percent of Total	Individual Income Tax ²	Payroll Tax ³	Corporate Income Tax	Estate Tax	Excise Tax	All Federal Tax ⁴	
Lowest Quintile	7,720	18.6	-0.6	0.8	0.6	*	0.6	1.4	
Second Quintile	10,910	26.3	-0.1	0.9	1.0	*	0.7	2.5	
Middle Quintile	8,900	21.5	1.7	1.5	1.7	*	0.7	5.6	
Fourth Quintile	7,420	17.9	5.8	2.3	2.3	*	0.7	11.1	
Top Quintile	6,140	14.8	16.4	2.8	4.4	1.0	0.4	25.0	
All	41,510	100.0	10.3	2.3	3.2	0.6	0.6	16.9	
Addendum									
80-90	3,300	8.0	9.5	3.3	2.9	0.1	0.6	16.5	
90-95	1,420	3.4	11.3	3.6	3.6	0.4	0.5	19.4	
95-99	1,100	2.7	14.3	3.9	3.9	0.8	0.5	23.4	
Top 1 Percent	320	0.8	23.9	1.4	5.9	2.0	0.3	33.5	
Top 0.1 Percent	40	0.1	25.2	0.8	6.7	1.5	0.3	34.4	

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0516-1).

Note: Elderly tax units are those with either head or spouse (if filing jointly) age 65 or older.

(1) The income percentile classes used in this table are based on the income distribution for the entire population and contain an equal number of people, not tax units. The incomes used are adjusted for family size by dividing by the square root of the number of people in the tax unit. The resulting percentile breaks are (in 2016 dollars): 20% \$17,000; 40% \$31,500; 60% \$52,700; 80% \$87,100; 90% \$124,400; 95% \$173,200; 99% \$398,800; 99.9% \$2,084,600. Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative adjusted gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, see http://www.taxpolicycenter.org/TaxModel/income.cfm.

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⁽²⁾ After tax credits (including refundable portion of earned income and child tax credits).

⁽³⁾ Includes both the employee and employer portion of Social Security and Medicare tax.

⁽⁴⁾ Excludes customs duties.