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Table T22-0006
Make the Child Tax Credit (CTC) Fully Refundable Regardless of Income Tax Liability or Earned Income
Distribution of Federal Tax Change by Expanded Cash Income Percentile, 2022 ¹
Summary Table

Expanded Cash Income Percentile ^{2,3}	Tax Units with Tax Increase or Cut ⁴				Percent Change in After-Tax Income ⁵	Share of Total Federal Tax Change	Average Federal Tax Change (\$)	Average Federal Tax Rate ⁶	
	With Tax Cut		With Tax Increase					Change (% Points)	Under the Proposal
	Pct of Tax Units	Avg Tax Change (\$)	Pct of Tax Units	Avg Tax Change (\$)					
Lowest Quintile	12.0	-1,590	0.0	0	1.2	55.2	-190	-1.2	2.1
Second Quintile	12.6	-1,140	0.0	0	0.4	34.4	-140	-0.4	7.8
Middle Quintile	3.0	-1,030	0.0	0	0.1	7.0	-30	0.0	13.6
Fourth Quintile	0.4	-1,240	0.0	0	0.0	1.0	-10	0.0	17.2
Top Quintile	0.4	-1,290	0.0	0	0.0	0.7	-10	0.0	24.8
All	6.7	-1,350	0.0	0	0.1	100.0	-90	-0.1	19.4
Addendum									
80-90	0.3	-1,260	0.0	0	0.0	0.3	*	0.0	20.2
90-95	0.4	-1,490	0.0	0	0.0	0.3	-10	0.0	22.2
95-99	0.6	-1,160	0.0	0	0.0	0.2	-10	0.0	24.6
Top 1 Percent	*	**	0.0	0	0.0	0.0	0	0.0	30.4
Top 0.1 Percent	0.0	0	0.0	0	0.0	0.0	0	0.0	30.8

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0721-2).

Number of AMT Taxpayers (millions). Baseline: 0.3 Proposal: 0.2

* Non-zero value rounded to zero; ** Insufficient data

(1) Calendar Year. Baseline is the law currently in place as of April 20, 2022. Provision(s) would: (a) make the child tax credit (CTC) fully refundable regardless of income tax liability or earned income; and (b) retain current-law credit amount and phase-out thresholds. The Other Dependent Tax Credit would remain non-refundable.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(4) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate taxes; and excise taxes.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) 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 2020 dollars): 20% \$27,200; 40% \$53,900; 60% \$96,700; 80% \$176,400; 90% \$257,500; 95% \$369,300; 99% \$884,900; 99.9% \$3,998,700.

(4) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(5) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(6) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

Table T22-0006
Make the Child Tax Credit (CTC) Fully Refundable Regardless of Income Tax Liability or Earned Income
Distribution of Federal Tax Change by Expanded Cash Income Percentile, 2022 ¹
Detail Table

Expanded Cash Income Percentile ^{2,3}	Percent of Tax Units ⁴		Percent Change in After-Tax Income ⁵	Share of Total Federal Tax Change	Average Federal Tax Change		Share of Federal Taxes		Average Federal Tax Rate ⁷	
	With Tax Cut	With Tax Increase			Dollars	Percent ⁶	Change (% Points)	Under the Proposal	Change (% Points)	Under the Proposal
Lowest Quintile	12.0	0.0	1.2	55.2	-190	-36.0	-0.2	0.4	-1.2	2.1
Second Quintile	12.6	0.0	0.4	34.4	-140	-4.3	-0.1	3.2	-0.4	7.8
Middle Quintile	3.0	0.0	0.1	7.0	-30	-0.3	0.0	9.9	0.0	13.6
Fourth Quintile	0.4	0.0	0.0	1.0	-10	0.0	0.1	18.2	0.0	17.2
Top Quintile	0.4	0.0	0.0	0.7	-10	0.0	0.3	68.0	0.0	24.8
All	6.7	0.0	0.1	100.0	-90	-0.4	0.0	100.0	-0.1	19.4
Addendum										
80-90	0.3	0.0	0.0	0.3	*	0.0	0.1	14.6	0.0	20.2
90-95	0.4	0.0	0.0	0.3	-10	0.0	0.1	11.3	0.0	22.2
95-99	0.6	0.0	0.0	0.2	-10	0.0	0.1	16.3	0.0	24.6
Top 1 Percent	*	0.0	0.0	0.0	0	0.0	0.1	25.8	0.0	30.4
Top 0.1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.1	13.3	0.0	30.8

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Percentile, 2022 ¹

Expanded Cash Income Percentile ^{2,3}	Tax Units		Pre-Tax Income		Federal Tax Burden		After-Tax Income ⁵		Average Federal Tax Rate ⁷	
	Number (thousands)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total		
Lowest Quintile	47,360	26.4	16,510	3.9	530	0.6	15,980	4.7	3.2	
Second Quintile	39,000	21.7	41,680	8.1	3,390	3.4	38,280	9.2	8.1	
Middle Quintile	36,630	20.4	77,760	14.1	10,620	9.9	67,140	15.1	13.7	
Fourth Quintile	30,160	16.8	137,620	20.5	23,710	18.1	113,900	21.1	17.2	
Top Quintile	24,880	13.9	433,620	53.4	107,380	67.8	326,250	49.9	24.8	
All	#####	100.0	112,520	100.0	21,970	100.0	90,550	100.0	19.5	
Addendum										
80-90	12,750	7.1	223,880	14.1	45,110	14.6	178,770	14.0	20.2	
90-95	6,230	3.5	319,970	9.9	71,020	11.2	248,950	9.5	22.2	
95-99	4,770	2.7	546,510	12.9	134,300	16.2	412,210	12.1	24.6	
Top 1 Percent	1,140	0.6	2,919,980	16.5	887,200	25.7	2,032,780	14.3	30.4	
Top 0.1 Percent	120	0.1	#####	8.4	4,395,810	13.2	9,861,070	7.2	30.8	

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0721-2).

Number of AMT Taxpayers (millions). Baseline: 0.3 Proposal: 0.2

* Non-zero value rounded to zero; ** Insufficient data

(1) Calendar Year. Baseline is the law currently in place as of April 20, 2022. Provision(s) would: (a) make the child tax credit (CTC) fully refundable regardless of income tax liability or earned income; and (b) retain current-law credit amount and phase-out thresholds. The Other Dependent Tax Credit would remain non-refundable.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(4) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate taxes; and excise taxes.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

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<http://www.taxpolicycenter.org/TaxModel/Income.cfm>

(3) 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 2020 dollars): 20%

\$27,200; 40% \$53,900; 60% \$96,700; 80% \$176,400; 90% \$257,500; 95% \$369,300; 99% \$884,900; 99.9% \$3,998,700.

(4) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(5) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(6) For income categories for which the baseline tax burden is negative, a positive percent change in average federal tax indicates a net increase in federal subsidies, and a negative percent change indicates a net decrease in federal subsidies.

(7) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

Table T22-0006
Make the Child Tax Credit (CTC) Fully Refundable Regardless of Income Tax Liability or Earned Income
Distribution of Federal Tax Change by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹
Detail Table

Expanded Cash Income Percentile ^{2,3}	Percent of Tax Units ⁴		Percent Change in After-Tax Income ⁵	Share of Total Federal Tax Change	Average Federal Tax Change		Share of Federal Taxes		Average Federal Tax Rate ⁷	
	With Tax Cut	With Tax Increase			Dollars	Percent ⁶	Change (%)	Under the Proposal	Change (%)	Under the Proposal
Lowest Quintile	19.7	0.0	2.0	76.3	-320	745.0	-0.3	-0.4	-2.0	-2.3
Second Quintile	9.4	0.0	0.2	18.0	-80	-3.0	-0.1	2.4	-0.2	6.9
Middle Quintile	1.5	0.0	0.0	2.9	-10	-0.2	0.0	7.8	0.0	12.2
Fourth Quintile	0.2	0.0	0.0	0.6	*	0.0	0.1	17.5	0.0	16.8
Top Quintile	0.2	0.0	0.0	0.5	*	0.0	0.3	72.4	0.0	24.5
All	6.7	0.0	0.1	100.0	-90	-0.4	0.0	100.0	-0.1	19.4
Addendum										
80-90	0.2	0.0	0.0	0.2	*	0.0	0.1	15.7	0.0	20.1
90-95	0.3	0.0	0.0	0.2	-10	0.0	0.1	12.1	0.0	21.9
95-99	0.3	0.0	0.0	0.1	*	0.0	0.1	17.6	0.0	24.2
Top 1 Percent	*	0.0	0.0	0.0	0	0.0	0.1	26.9	0.0	30.2
Top 0.1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.1	13.8	0.0	30.8

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹

Expanded Cash Income Percentile ^{2,3}	Tax Units		Pre-Tax Income		Federal Tax Burden		After-Tax Income ⁵		Average Federal Tax Rate ⁷
	Number (thousands)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	
Lowest Quintile	39,360	21.9	15,650	3.1	-40	0.0	15,690	3.8	-0.3
Second Quintile	36,940	20.6	37,180	6.8	2,630	2.5	34,550	7.9	7.1
Middle Quintile	36,320	20.2	69,230	12.5	8,490	7.8	60,740	13.6	12.3
Fourth Quintile	34,050	19.0	120,110	20.3	20,180	17.4	99,930	20.9	16.8
Top Quintile	31,350	17.5	370,050	57.4	90,670	72.1	279,380	53.9	24.5
All	#####	100.0	112,520	100.0	21,970	100.0	90,550	100.0	19.5
Addendum									
80-90	16,030	8.9	191,760	15.2	38,510	15.7	153,250	15.1	20.1
90-95	7,860	4.4	276,600	10.8	60,630	12.1	215,970	10.4	21.9
95-99	6,060	3.4	471,260	14.1	114,240	17.6	357,020	13.3	24.2
Top 1 Percent	1,400	0.8	2,497,510	17.3	754,350	26.8	1,743,160	15.0	30.2
Top 0.1 Percent	140	0.1	12,349,230	8.7	3,803,090	13.7	8,546,140	7.5	30.8

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0721-2).

Number of AMT Taxpayers (millions). Baseline: 0.3 Proposal: 0.2

* Non-zero value rounded to zero; ** Insufficient data

(1) Calendar Year. Baseline is the law currently in place as of April 20, 2022. Provision(s) would: (a) make the child tax credit (CTC) fully refundable regardless of income tax liability or earned income; and (b) retain current-law credit amount and phase-out thresholds. The Other Dependent Tax Credit would remain non-refundable.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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

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(3) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(4) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate taxes; and excise taxes.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

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<http://www.taxpolicycenter.org/TaxModel/income.cfm>

(7) 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 2020 dollars): 20% \$18,900; 40% \$37,100; 60% \$64,400; 80% \$108,400; 90% \$157,400; 95% \$221,300; 99% \$514,100; 99.9% \$2,261,800.

(4) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(5) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(6) For income categories for which the baseline tax burden is negative, a positive percent change in average federal tax indicates a net increase in federal subsidies, and a negative percent change indicates a net decrease in federal subsidies.

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Table T22-0006
Make the Child Tax Credit (CTC) Fully Refundable Regardless of Income Tax Liability or Earned Income
Distribution of Federal Tax Change by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹
Detail Table - Single Tax Units

Expanded Cash Income Percentile ^{2,3}	Percent of Tax Units ⁴		Percent Change in After-Tax Income ⁵	Share of Total Federal Tax Change	Average Federal Tax Change		Share of Federal Taxes		Average Federal Tax Rate ⁷	
	With Tax Cut	With Tax Increase			Dollars	Percent ⁶	Change (% Points)	Under the Proposal	Change (% Points)	Under the Proposal
Lowest Quintile	4.7	0.0	0.5	91.5	-60	-13.1	-0.2	1.1	-0.5	3.4
Second Quintile	0.9	0.0	0.0	7.4	-10	-0.3	0.0	5.5	0.0	9.0
Middle Quintile	*	0.0	0.0	0.2	0	0.0	0.0	13.4	0.0	13.4
Fourth Quintile	0.0	0.0	0.0	0.0	0	0.0	0.0	23.8	0.0	18.2
Top Quintile	0.0	0.0	0.0	0.0	0	0.0	0.1	56.0	0.0	25.0
All	1.6	0.0	0.0	100.0	-20	-0.2	0.0	100.0	0.0	18.3
Addendum										
80-90	0.0	0.0	0.0	0.0	0	0.0	0.0	15.9	0.0	21.5
90-95	0.0	0.0	0.0	0.0	0	0.0	0.0	10.1	0.0	22.8
95-99	0.0	0.0	0.0	0.0	0	0.0	0.0	13.2	0.0	25.1
Top 1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.0	16.7	0.0	32.0
Top 0.1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.0	8.4	0.0	32.5

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹

Expanded Cash Income Percentile ^{2,3}	Tax Units		Pre-Tax Income		Federal Tax Burden		After-Tax Income ⁵		Average Federal Tax Rate ⁷	
	Number (thousands)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total		
Lowest Quintile	25,520	28.8	12,480	6.0	490	1.3	11,990	7.0	3.9	
Second Quintile	20,180	22.8	29,330	11.1	2,650	5.5	26,690	12.3	9.0	
Middle Quintile	18,400	20.7	53,100	18.3	7,120	13.4	45,980	19.3	13.4	
Fourth Quintile	14,430	16.3	88,250	23.8	16,100	23.7	72,160	23.8	18.2	
Top Quintile	9,390	10.6	232,530	40.8	58,230	55.9	174,300	37.4	25.0	
All	88,710	100.0	60,330	100.0	11,030	100.0	49,290	100.0	18.3	
Addendum										
80-90	5,300	6.0	136,730	13.5	29,370	15.9	107,360	13.0	21.5	
90-95	2,210	2.5	196,600	8.1	44,790	10.1	151,810	7.7	22.8	
95-99	1,570	1.8	327,590	9.6	82,240	13.2	245,350	8.8	25.1	
Top 1 Percent	310	0.4	1,642,730	9.5	525,130	16.7	1,117,600	7.9	32.0	
Top 0.1 Percent	30	0.0	8,182,310	4.7	2,658,290	8.4	5,524,030	3.9	32.5	

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0721-2).

* Non-zero value rounded to zero; ** Insufficient data

(1) Calendar Year. Baseline is the law currently in place as of April 20, 2022. Provision(s) would: (a) make the child tax credit (CTC) fully refundable regardless of income tax liability or earned income; and (b) retain current-law credit amount and phase-out thresholds. The Other Dependent Tax Credit would remain non-refundable.
<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(4) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate taxes; and excise taxes.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.
<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(6) 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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(4) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(5) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(6) For income categories for which the baseline tax burden is negative, a positive percent change in average federal tax indicates a net increase in federal subsidies, and a negative percent change indicates a net decrease in federal subsidies.

(7) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

Table T22-0006
Make the Child Tax Credit (CTC) Fully Refundable Regardless of Income Tax Liability or Earned Income
Distribution of Federal Tax Change by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹
Detail Table - Married Tax Units Filing Jointly

Expanded Cash Income Percentile ^{2,3}	Percent of Tax Units ⁴		Percent Change in After-Tax Income ⁵	Share of Total Federal Tax Change	Average Federal Tax Change		Share of Federal Taxes		Average Federal Tax Rate ⁷	
	With Tax Cut	With Tax Increase			Dollars	Percent ⁶	Change (% Points)	Under the Proposal	Change (% Points)	Under the Proposal
Lowest Quintile	25.7	0.0	2.7	70.2	-570	-1,236.8	-0.2	-0.1	-2.7	-2.5
Second Quintile	12.0	0.0	0.3	20.0	-130	-4.7	0.0	0.9	-0.3	5.5
Middle Quintile	1.9	0.0	0.0	4.3	-20	-0.2	0.0	4.5	0.0	11.1
Fourth Quintile	0.3	0.0	0.0	1.0	*	0.0	0.0	14.3	0.0	15.8
Top Quintile	0.3	0.0	0.0	1.4	*	0.0	0.2	80.2	0.0	24.3
All	5.1	0.0	0.1	100.0	-90	-0.2	0.0	100.0	0.0	20.7
Addendum										
80-90	0.3	0.0	0.0	0.5	*	0.0	0.0	16.0	0.0	19.5
90-95	0.5	0.0	0.0	0.6	-10	0.0	0.0	13.4	0.0	21.7
95-99	0.4	0.0	0.0	0.3	*	0.0	0.0	20.3	0.0	24.0
Top 1 Percent	*	0.0	0.0	0.0	0	0.0	0.1	30.6	0.0	29.9
Top 0.1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.0	15.0	0.0	30.6

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹

Expanded Cash Income Percentile ^{2,3}	Tax Units		Pre-Tax Income		Federal Tax Burden		After-Tax Income ⁵		Average Federal Tax Rate ⁷	
	Number (thousands)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total		
Lowest Quintile	6,990	10.9	21,030	1.2	50	0.0	20,990	1.4	0.2	
Second Quintile	8,580	13.3	48,290	3.2	2,810	0.9	45,490	3.8	5.8	
Middle Quintile	11,840	18.4	90,450	8.4	10,070	4.5	80,390	9.4	11.1	
Fourth Quintile	16,170	25.1	148,850	18.8	23,550	14.3	125,300	20.0	15.8	
Top Quintile	20,230	31.4	434,060	68.5	105,370	80.1	328,690	65.5	24.3	
All	64,340	100.0	199,170	100.0	41,370	100.0	157,800	100.0	20.8	
Addendum										
80-90	9,740	15.1	223,480	17.0	43,610	16.0	179,880	17.3	19.5	
90-95	5,230	8.1	313,620	12.8	67,910	13.3	245,710	12.7	21.7	
95-99	4,240	6.6	529,080	17.5	126,940	20.2	402,140	16.8	24.0	
Top 1 Percent	1,020	1.6	2,668,490	21.2	797,880	30.6	1,870,620	18.8	29.9	
Top 0.1 Percent	100	0.2	#####	10.2	3,978,580	15.0	9,040,340	8.9	30.6	

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0721-2).

* Non-zero value rounded to zero; ** Insufficient data

(1) Calendar Year. Baseline is the law currently in place as of April 20, 2022. Provision(s) would: (a) make the child tax credit (CTC) fully refundable regardless of income tax liability or earned income; and (b) retain current-law credit amount and phase-out thresholds. The Other Dependent Tax Credit would remain non-refundable.
<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(4) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate taxes; and excise taxes.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.
<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(6) 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>

(7) 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 2020 dollars): 20% \$18,900; 40% \$37,100; 60% \$64,400; 80% \$108,400; 90% \$157,400; 95% \$221,300; 99% \$514,100; 99.9% \$2,261,800.

(4) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(5) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(6) For income categories for which the baseline tax burden is negative, a positive percent change in average federal tax indicates a net increase in federal subsidies, and a negative percent change indicates a net decrease in federal subsidies.

(7) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

Table T22-0006
Make the Child Tax Credit (CTC) Fully Refundable Regardless of Income Tax Liability or Earned Income
Distribution of Federal Tax Change by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹
Detail Table - Head of Household Tax Units

Expanded Cash Income Percentile ^{2,3}	Percent of Tax Units ⁴		Percent Change in After-Tax Income ⁵	Share of Total Federal Tax Change	Average Federal Tax Change		Share of Federal Taxes		Average Federal Tax Rate ⁷	
	With Tax Cut	With Tax Increase			Dollars	Percent ⁶	Change (% Points)	Under the Proposal	Change (% Points)	Under the Proposal
Lowest Quintile	72.9	0.0	4.2	77.4	-1,040	44.7	-4.0	-11.7	-4.6	-15.0
Second Quintile	30.5	0.0	0.5	19.0	-220	-10.2	-0.5	7.8	-0.5	4.3
Middle Quintile	6.0	0.0	0.1	2.6	-50	-0.5	1.1	26.2	-0.1	11.8
Fourth Quintile	0.6	0.0	0.0	0.4	-10	-0.1	1.4	31.2	0.0	17.8
Top Quintile	0.6	0.0	0.0	0.1	-10	0.0	2.1	46.5	0.0	25.0
All	32.5	0.0	0.6	100.0	-380	-4.5	0.0	100.0	-0.6	11.9
Addendum										
80-90	0.8	0.0	0.0	0.1	-10	0.0	0.6	13.7	0.0	21.0
90-95	0.6	0.0	0.0	0.1	-20	0.0	0.3	7.4	0.0	21.9
95-99	*	0.0	0.0	0.0	0	0.0	0.3	7.1	0.0	25.8
Top 1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.8	18.4	0.0	30.8
Top 0.1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.6	12.9	0.0	30.9

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹

Expanded Cash Income Percentile ^{2,3}	Tax Units		Pre-Tax Income		Federal Tax Burden		After-Tax Income ⁵		Average Federal Tax Rate ⁷	
	Number (thousands)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total		
Lowest Quintile	6,490	28.6	22,430	9.3	-2,320	-7.7	24,750	11.7	-10.4	
Second Quintile	7,390	32.6	46,050	21.7	2,190	8.3	43,860	23.6	4.8	
Middle Quintile	5,150	22.7	80,100	26.2	9,520	25.1	70,580	26.4	11.9	
Fourth Quintile	2,570	11.3	127,060	20.8	22,660	29.8	104,400	19.5	17.8	
Top Quintile	1,010	4.5	341,930	22.1	85,460	44.4	256,470	18.9	25.0	
All	22,650	100.0	69,380	100.0	8,610	100.0	60,770	100.0	12.4	
Addendum										
80-90	630	2.8	193,560	7.7	40,580	13.0	152,980	7.0	21.0	
90-95	240	1.1	256,700	4.0	56,240	7.0	200,470	3.6	21.9	
95-99	110	0.5	453,000	3.3	116,740	6.8	336,260	2.8	25.8	
Top 1 Percent	30	0.1	3,722,180	7.1	1,144,680	17.6	2,577,500	5.6	30.8	
Top 0.1 Percent	*	0.0	#####	4.9	7,879,740	12.3	#####	3.9	30.9	

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0721-2).

* Non-zero value rounded to zero; ** Insufficient data

(1) Calendar Year. Baseline is the law currently in place as of April 20, 2022. Provision(s) would: (a) make the child tax credit (CTC) fully refundable regardless of income tax liability or earned income; and (b) retain current-law credit amount and phase-out thresholds. The Other Dependent Tax Credit would remain non-refundable.
<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(4) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate taxes; and excise taxes.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.
<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(6) 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>

(7) 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 2020 dollars): 20% \$18,900; 40% \$37,100; 60% \$64,400; 80% \$108,400; 90% \$157,400; 95% \$221,300; 99% \$514,100; 99.9% \$2,261,800.

(4) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(5) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(6) For income categories for which the baseline tax burden is negative, a positive percent change in average federal tax indicates a net increase in federal subsidies, and a negative percent change indicates a net decrease in federal subsidies.

(7) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

Table T22-0006
Make the Child Tax Credit (CTC) Fully Refundable Regardless of Income Tax Liability or Earned Income
Distribution of Federal Tax Change by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹
Detail Table - Tax Units with Children

Expanded Cash Income Percentile ^{2,3}	Percent of Tax Units ⁴		Percent Change in After-Tax Income ⁵	Share of Total Federal Tax Change	Average Federal Tax Change		Share of Federal Taxes		Average Federal Tax Rate ⁷	
	With Tax Cut	With Tax Increase			Dollars	Percent ⁶	Change (%)	Under the Proposal	Change (%)	Under the Proposal
Lowest Quintile	73.8	0.0	4.7	76.3	-1,180	54.8	-0.8	-2.2	-5.1	-14.5
Second Quintile	30.5	0.0	0.6	18.0	-260	-9.4	-0.2	1.8	-0.5	5.0
Middle Quintile	5.3	0.0	0.1	2.9	-50	-0.4	0.1	7.7	-0.1	12.7
Fourth Quintile	0.8	0.0	0.0	0.6	-10	0.0	0.2	17.8	0.0	18.0
Top Quintile	0.8	0.0	0.0	0.5	-10	0.0	0.8	74.8	0.0	25.6
All	23.5	0.0	0.3	100.0	-320	-1.0	0.0	100.0	-0.2	19.9
Addendum										
80-90	0.6	0.0	0.0	0.2	-10	0.0	0.2	15.9	0.0	21.2
90-95	1.2	0.0	0.0	0.2	-20	0.0	0.1	11.9	0.0	23.0
95-99	0.8	*	0.0	0.1	-10	0.0	0.2	18.3	0.0	25.7
Top 1 Percent	*	0.0	0.0	0.0	0	0.0	0.3	28.8	0.0	30.5
Top 0.1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.1	13.7	0.0	30.6

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹

Expanded Cash Income Percentile ^{2,3}	Tax Units		Pre-Tax Income		Federal Tax Burden		After-Tax Income ⁵		Average Federal Tax Rate ⁷
	Number (thousands)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	
Lowest Quintile	10,520	20.5	23,120	3.0	-2,160	-1.4	25,280	4.1	-9.3
Second Quintile	11,380	22.1	49,790	7.0	2,740	1.9	47,050	8.3	5.5
Middle Quintile	10,350	20.1	94,170	12.1	12,000	7.7	82,160	13.2	12.8
Fourth Quintile	9,620	18.7	164,920	19.7	29,620	17.6	135,300	20.3	18.0
Top Quintile	9,290	18.1	504,130	58.2	129,160	74.1	374,970	54.2	25.6
All	51,400	100.0	156,600	100.0	31,540	100.0	125,060	100.0	20.1
Addendum									
80-90	4,710	9.2	254,670	14.9	54,070	15.7	200,600	14.7	21.2
90-95	2,270	4.4	364,950	10.3	83,800	11.7	281,140	9.9	23.0
95-99	1,830	3.6	624,120	14.2	160,200	18.1	463,920	13.2	25.7
Top 1 Percent	480	0.9	3,159,640	18.8	964,390	28.5	2,195,250	16.3	30.5
Top 0.1 Percent	50	0.1	15,963,510	9.0	4,879,820	13.6	11,083,690	7.8	30.6

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0721-2).

* Non-zero value rounded to zero; ** Insufficient data

Note: Tax units with children are those claiming an exemption for children at home or away from home or with children qualifying for the Child Tax Credit or EITC.

(1) Calendar Year. Baseline is the law currently in place as of April 20, 2022. Provision(s) would: (a) make the child tax credit (CTC) fully refundable regardless of income tax liability or earned income; and (b) retain current-law credit amount and phase-out thresholds. The Other Dependent Tax Credit would remain non-refundable.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(4) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate taxes; and excise taxes.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(6) 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>

(7) 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 2020 dollars): 20% \$18,900; 40% \$37,100; 60% \$64,400; 80% \$108,400; 90% \$157,400; 95% \$221,300; 99% \$514,100; 99.9% \$2,261,800.

(4) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(5) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(6) For income categories for which the baseline tax burden is negative, a positive percent change in average federal tax indicates a net increase in federal subsidies, and a negative percent change indicates a net decrease in federal subsidies.

(7) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

Table T22-0006
Make the Child Tax Credit (CTC) Fully Refundable Regardless of Income Tax Liability or Earned Income
Distribution of Federal Tax Change by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹
Detail Table - Elderly Tax Units

Expanded Cash Income Percentile ^{2,3}	Percent of Tax Units ⁴		Percent Change in After-Tax Income ⁵	Share of Total Federal Tax Change	Average Federal Tax Change		Share of Federal Taxes		Average Federal Tax Rate ⁷	
	With Tax Cut	With Tax Increase			Dollars	Percent ⁶	Change (%)	Under the Proposal	Change (%)	Under the Proposal
Lowest Quintile	1.5	0.0	0.2	32.0	-20	-17.3	0.0	0.2	-0.2	0.8
Second Quintile	2.4	0.0	0.1	53.2	-40	-3.8	-0.1	1.4	-0.1	2.7
Middle Quintile	0.5	0.0	0.0	11.4	-10	-0.2	0.0	5.7	0.0	6.3
Fourth Quintile	*	0.0	0.0	0.4	0	0.0	0.0	14.0	0.0	11.1
Top Quintile	*	0.0	0.0	0.3	0	0.0	0.1	78.2	0.0	22.5
All	1.0	0.0	0.0	100.0	-20	-0.1	0.0	100.0	0.0	15.7
Addendum										
80-90	*	0.0	0.0	0.2	0	0.0	0.0	13.1	0.0	15.3
90-95	*	0.0	0.0	0.0	0	0.0	0.0	9.9	0.0	18.0
95-99	*	0.0	0.0	0.1	0	0.0	0.0	17.2	0.0	21.5
Top 1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.0	38.0	0.0	29.9
Top 0.1 Percent	0.0	0.0	0.0	0.0	0	0.0	0.0	22.6	0.0	30.7

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Percentile Adjusted for Family Size, 2022 ¹

Expanded Cash Income Percentile ^{2,3}	Tax Units		Pre-Tax Income		Federal Tax Burden		After-Tax Income ⁵		Average Federal Tax Rate ⁷
	Number (thousands)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	Average (dollars)	Percent of Total	
Lowest Quintile	10,000	21.1	15,210	3.3	140	0.2	15,070	3.8	0.9
Second Quintile	11,170	23.5	33,810	8.1	960	1.5	32,850	9.3	2.8
Middle Quintile	10,410	21.9	63,670	14.2	4,010	5.7	59,670	15.8	6.3
Fourth Quintile	8,380	17.7	109,900	19.8	12,190	14.0	97,710	20.9	11.1
Top Quintile	6,910	14.5	368,030	54.6	82,750	78.1	285,280	50.2	22.5
All	47,490	100.0	98,080	100.0	15,410	100.0	82,670	100.0	15.7
Addendum									
80-90	3,580	7.5	174,360	13.4	26,660	13.1	147,690	13.5	15.3
90-95	1,610	3.4	250,100	8.7	44,990	9.9	205,110	8.4	18.0
95-99	1,360	2.9	430,460	12.5	92,520	17.2	337,940	11.7	21.5
Top 1 Percent	360	0.8	2,606,940	20.0	779,010	38.0	1,827,930	16.6	29.9
Top 0.1 Percent	50	0.1	11,596,070	11.6	3,559,470	22.6	8,036,590	9.5	30.7

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0721-2).

* Non-zero value rounded to zero; ** Insufficient data

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

(1) Calendar Year. Baseline is the law currently in place as of April 20, 2022. Provision(s) would: (a) make the child tax credit (CTC) fully refundable regardless of income tax liability or earned income; and (b) retain current-law credit amount and phase-out thresholds. The Other Dependent Tax Credit would remain non-refundable.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(4) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate taxes; and excise taxes.

(5) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.

<http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm>

(2) 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>

(3) 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 2020 dollars): 20% \$18,900; 40% \$37,100; 60% \$64,400; 80% \$108,400; 90% \$157,400; 95% \$221,300; 99% \$514,100; 99.9% \$2,261,800.

(4) Includes tax units with a change in federal tax burden of \$10 or more in absolute value.

(5) After-tax income is expanded cash income less: individual income tax net of refundable credits; corporate income tax; payroll taxes (Social Security and Medicare); estate tax; and excise taxes.

(6) For income categories for which the baseline tax burden is negative, a positive percent change in average federal tax indicates a net increase in federal subsidies, and a negative percent change indicates a net decrease in federal subsidies.

(7) Average federal tax (includes individual and corporate income tax, payroll taxes for Social Security and Medicare, the estate tax, and excise taxes) as a percentage of average expanded cash income.