Table T15-0184
Distribution of Benefits from Child Tax Credit with \$3,000 Refundability Threshold
by Expanded Cash Income Level, $2018{ }^{1}$

## Detail Table

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Percent of Tax Units ${ }^{3}$ |  | Benefit as a Percent of AfterTax Income ${ }^{4}$ | Share of Total Benefit | Average Benefit |  | Share of Federal Taxes |  | Average Federal Tax Rate ${ }^{6}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | With Benefit | Without Benefit |  |  | Dollars | Percent of Federal Taxes | With Provision | Without Provision | With Provision | Without Provision |
| Less than 10 | 5.5 | 94.5 | 0.5 | 0.7 | 25 | 4.8 | 0.2 | 0.2 | 8.6 | 9.1 |
| 10-20 | 14.8 | 85.2 | 1.0 | 7.4 | 158 | 23.8 | 0.5 | 0.6 | 4.1 | 5.1 |
| 20-30 | 23.3 | 76.7 | 1.3 | 13.8 | 328 | 21.1 | 1.1 | 1.3 | 5.9 | 7.1 |
| 30-40 | 26.5 | 73.5 | 1.2 | 12.3 | 414 | 12.4 | 1.6 | 1.8 | 9.0 | 10.1 |
| 40-50 | 25.8 | 74.2 | 1.0 | 10.4 | 423 | 7.6 | 2.2 | 2.3 | 11.6 | 12.4 |
| 50-75 | 27.5 | 72.6 | 0.8 | 20.6 | 462 | 5.0 | 6.7 | 6.9 | 14.0 | 14.7 |
| 75-100 | 28.7 | 71.3 | 0.6 | 14.8 | 486 | 3.2 | 7.4 | 7.6 | 16.3 | 16.9 |
| 100-200 | 25.2 | 74.8 | 0.3 | 19.3 | 368 | 1.3 | 23.8 | 23.8 | 19.0 | 19.3 |
| 200-500 | 0.9 | 99.1 | 0.0 | 0.2 | 9 | 0.0 | 22.4 | 22.0 | 23.1 | 23.2 |
| 500-1,000 | 0.1 | 100.0 | 0.0 | 0.0 | 1 | 0.0 | 8.2 | 8.1 | 28.3 | 28.3 |
| More than 1,000 | 0.0 | 100.0 | 0.0 | 0.0 | 0 | 0.0 | 25.7 | 25.3 | 34.6 | 34.6 |
| All | 20.7 | 79.3 | 0.4 | 100.0 | 309 | 1.6 | 100.0 | 100.0 | 20.5 | 20.9 |

Baseline Distribution of Income and Federal Taxes by Expanded Cash Income Level, 2018

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Tax Units |  | Pre-Tax Income |  | Federal Tax Burden |  | After-Tax Income ${ }^{5}$ |  | Average <br> Federal Tax <br> Rate ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (thousands) | Percent of Total | Average (dollars) | Percent of Total | Average (dollars) | Percent of Total | Average (dollars) | Percent of Total |  |
| Less than 10 | 14,436 | 8.2 | 6,063 | 0.5 | 524 | 0.2 | 5,539 | 0.6 | 8.6 |
| 10-20 | 25,141 | 14.4 | 16,107 | 2.5 | 666 | 0.5 | 15,440 | 3.0 | 4.1 |
| 20-30 | 22,741 | 13.0 | 26,469 | 3.7 | 1,553 | 1.1 | 24,915 | 4.4 | 5.9 |
| 30-40 | 16,045 | 9.2 | 37,201 | 3.7 | 3,355 | 1.6 | 33,846 | 4.2 | 9.0 |
| 40-50 | 13,357 | 7.6 | 47,921 | 3.9 | 5,539 | 2.2 | 42,382 | 4.4 | 11.6 |
| 50-75 | 24,181 | 13.8 | 65,918 | 9.8 | 9,243 | 6.7 | 56,675 | 10.5 | 14.0 |
| 75-100 | 16,514 | 9.4 | 92,693 | 9.4 | 15,135 | 7.4 | 77,558 | 9.9 | 16.3 |
| 100-200 | 28,453 | 16.3 | 148,076 | 25.8 | 28,132 | 23.8 | 119,944 | 26.3 | 19.0 |
| 200-500 | 10,793 | 6.2 | 301,023 | 19.9 | 69,668 | 22.4 | 231,355 | 19.2 | 23.1 |
| 500-1,000 | 1,356 | 0.8 | 718,418 | 6.0 | 203,387 | 8.2 | 515,030 | 5.4 | 28.3 |
| More than 1,000 | 761 | 0.4 | 3,274,146 | 15.2 | 1,133,653 | 25.7 | 2,140,493 | 12.5 | 34.6 |
| All | 175,149 | 100.0 | 93,387 | 100.0 | 19,178 | 100.0 | 74,208 | 100.0 | 20.5 |

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0515-1).

* Less than 0.05

1) Calendar year. Table shows the tax benefit of the child tax credit with a $\$ 3,000$ unindexed refundability threshold against an otherwise current-law baseline. For a description of TPC's current law baseline, see
http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm
 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.

## Distribution of Benefits from Child Tax Credit with \$3,000 Refundability Threshold

by Expanded Cash Income Level, 2018
Detail Table - Single Tax Units

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Percent of Tax Units ${ }^{3}$ |  | Benefit as a Percent of AfterTax Income ${ }^{4}$ | Share of Total Benefit | Average Benefit |  | Share of Federal Taxes |  | Average Federal Tax Rate ${ }^{6}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | With Benefit | Without Benefit |  |  | Dollars | Percent of Federal Taxes | With Provision | Without Provision | With Provision | Without Provision |
| Less than 10 | 1.7 | 98.3 | 0.1 | 3.3 | 7 | 1.2 | 1.0 | 1.0 | 10.5 | 10.7 |
| 10-20 | 3.5 | 96.5 | 0.3 | 26.3 | 37 | 3.3 | 2.8 | 2.9 | 7.2 | 7.4 |
| 20-30 | 3.4 | 96.7 | 0.2 | 20.7 | 38 | 1.6 | 4.6 | 4.7 | 9.1 | 9.3 |
| 30-40 | 3.1 | 96.9 | 0.1 | 13.5 | 40 | 0.9 | 5.3 | 5.3 | 11.9 | 12.0 |
| 40-50 | 3.0 | 97.0 | 0.1 | 12.7 | 46 | 0.7 | 6.5 | 6.6 | 14.3 | 14.4 |
| 50-75 | 2.6 | 97.4 | 0.1 | 13.7 | 33 | 0.3 | 16.4 | 16.3 | 17.3 | 17.3 |
| 75-100 | 2.7 | 97.3 | 0.1 | 7.5 | 35 | 0.2 | 13.7 | 13.6 | 20.2 | 20.2 |
| 100-200 | 1.3 | 98.7 | 0.0 | 2.0 | 10 | 0.0 | 21.6 | 21.5 | 22.0 | 22.0 |
| 200-500 | * | 100.0 | 0.0 | 0.0 | 1 | 0.0 | 9.9 | 9.8 | 26.4 | 26.4 |
| 500-1,000 | 0.0 | 100.0 | 0.0 | 0.0 | 0 | 0.0 | 3.4 | 3.4 | 31.8 | 31.8 |
| More than 1,000 | 0.0 | 100.0 | 0.0 | 0.0 | 0 | 0.0 | 14.6 | 14.6 | 37.2 | 37.2 |
| All | 2.8 | 97.2 | 0.1 | 100.0 | 31 | 0.4 | 100.0 | 100.0 | 18.6 | 18.7 |

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Level, $2018{ }^{1}$

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Tax Units |  | Pre-Tax Income |  | Federal Tax Burden |  | After-Tax Income ${ }^{5}$ |  | Average Federal Tax Rate ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (thousands) | $\begin{aligned} & \text { Percent of } \\ & \text { Total } \end{aligned}$ | Average (dollars) | $\begin{gathered} \hline \text { Percent of } \\ \text { Total } \end{gathered}$ | Average (dollars) | $\begin{gathered} \hline \text { Percent of } \\ \text { Total } \end{gathered}$ | Average (dollars) | $\begin{aligned} & \text { Percent of } \\ & \text { Total } \end{aligned}$ |  |
| Less than 10 | 12,486 | 14.2 | 6,006 | 1.8 | 633 | 1.0 | 5,373 | 2.0 | 10.5 |
| 10-20 | 19,246 | 21.8 | 15,986 | 7.3 | 1,146 | 2.8 | 14,840 | 8.3 | 7.2 |
| 20-30 | 15,072 | 17.1 | 26,358 | 9.4 | 2,402 | 4.6 | 23,956 | 10.5 | 9.1 |
| 30-40 | 9,321 | 10.6 | 37,163 | 8.2 | 4,436 | 5.3 | 32,727 | 8.9 | 11.9 |
| 40-50 | 7,512 | 8.5 | 47,952 | 8.5 | 6,833 | 6.5 | 41,118 | 9.0 | 14.3 |
| 50-75 | 11,365 | 12.9 | 65,384 | 17.6 | 11,282 | 16.4 | 54,102 | 17.9 | 17.3 |
| 75-100 | 5,776 | 6.5 | 91,740 | 12.6 | 18,533 | 13.7 | 73,207 | 12.3 | 20.2 |
| 100-200 | 5,523 | 6.3 | 139,282 | 18.2 | 30,672 | 21.6 | 108,610 | 17.5 | 22.0 |
| 200-500 | 1,012 | 1.2 | 290,159 | 7.0 | 76,474 | 9.9 | 213,686 | 6.3 | 26.4 |
| 500-1,000 | 115 | 0.1 | 724,597 | 2.0 | 230,079 | 3.4 | 494,518 | 1.7 | 31.8 |
| More than 1,000 | 91 | 0.1 | 3,393,110 | 7.3 | 1,261,369 | 14.6 | 2,131,741 | 5.7 | 37.2 |
| All | 88,250 | 100.0 | 47,807 | 100.0 | 8,888 | 100.0 | 38,919 | 100.0 | 18.6 |

Less than 0n-Brookings Tax Policy Center Microsimulation Model (version 0515-1).

1) Calendar year. Table shows the tax benefit of the child tax credit with a $\$ 3,000$ unindexed refundability threshold against an otherwise current-law baseline. For a description of TPC's current law baseline, see
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 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

Table T15-0184
Distribution of Benefits from Child Tax Credit with $\$ \mathbf{3 , 0 0 0}$ Refundability Threshold
by Expanded Cash Income Level, $2018{ }^{1}$
Detail Table - Married Tax Units Filing Jointly

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Percent of Tax Units ${ }^{3}$ |  | Benefit as a Percent of AfterTax Income ${ }^{4}$ | Share of Total Benefit | Average Benefit |  | Share of Federal Taxes |  | Average Federal Tax Rate ${ }^{6}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | With Benefit | Without Benefit |  |  | Dollars | Percent of Federal Taxes | With Provision | Without Provision | With Provision | Without Provision |
| Less than 10 | 8.6 | 91.4 | 1.0 | 0.2 | 51 | 28.1 | 0.0 | 0.0 | 3.4 | 4.3 |
| 10-20 | 25.7 | 74.3 | 1.9 | 2.0 | 312 | 115.6 | 0.0 | 0.0 | 1.6 | 3.5 |
| 20-30 | 38.7 | 61.3 | 2.5 | 6.5 | 645 | 120.3 | 0.1 | 0.1 | 2.0 | 4.4 |
| 30-40 | 39.0 | 61.0 | 2.0 | 7.4 | 715 | 41.5 | 0.2 | 0.3 | 4.6 | 6.5 |
| 40-50 | 37.0 | 63.0 | 1.6 | 7.4 | 708 | 20.2 | 0.4 | 0.5 | 7.3 | 8.8 |
| 50-75 | 36.8 | 63.2 | 1.2 | 19.4 | 700 | 10.0 | 2.3 | 2.5 | 10.5 | 11.5 |
| 75-100 | 36.8 | 63.2 | 0.9 | 20.4 | 695 | 5.4 | 4.4 | 4.6 | 13.7 | 14.4 |
| 100-200 | 31.7 | 68.3 | 0.4 | 35.5 | 477 | 1.7 | 24.1 | 24.2 | 18.2 | 18.5 |
| 200-500 | 1.1 | 99.0 | 0.0 | 0.3 | 10 | 0.0 | 28.0 | 27.7 | 22.8 | 22.8 |
| 500-1,000 | 0.1 | 100.0 | 0.0 | 0.0 | 1 | 0.0 | 10.4 | 10.3 | 27.9 | 27.9 |
| More than 1,000 | 0.0 | 100.0 | 0.0 | 0.0 | 0 | 0.0 | 29.9 | 29.6 | 34.2 | 34.2 |
| All | 27.5 | 72.5 | 0.3 | 100.0 | 465 | 1.2 | 100.0 | 100.0 | 22.3 | 22.6 |

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Level, $2018{ }^{1}$

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Tax Units |  | Pre-Tax Income |  | Federal Tax Burden |  | After-Tax Income ${ }^{5}$ |  | Average Federal Tax Rate ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (thousands) | $\begin{aligned} & \text { Percent of } \\ & \text { Total } \end{aligned}$ | Average (dollars) | $\begin{aligned} & \text { Percent of } \\ & \text { Total } \end{aligned}$ | Average (dollars) | $\begin{gathered} \text { Percent of } \\ \text { Total } \end{gathered}$ | Average (dollars) | $\begin{aligned} & \text { Percent of } \\ & \text { Total } \end{aligned}$ |  |
| Less than 10 | 808 | 1.4 | 5,339 | 0.0 | 181 | 0.0 | 5,158 | 0.1 | 3.4 |
| 10-20 | 1,779 | 3.0 | 16,592 | 0.3 | 270 | 0.0 | 16,322 | 0.4 | 1.6 |
| 20-30 | 2,762 | 4.7 | 26,860 | 0.7 | 536 | 0.1 | 26,324 | 0.9 | 2.0 |
| 30-40 | 2,810 | 4.8 | 37,394 | 1.0 | 1,721 | 0.2 | 35,672 | 1.2 | 4.6 |
| 40-50 | 2,842 | 4.8 | 48,095 | 1.3 | 3,508 | 0.4 | 44,586 | 1.6 | 7.3 |
| 50-75 | 7,581 | 12.9 | 67,014 | 4.9 | 7,016 | 2.3 | 59,997 | 5.6 | 10.5 |
| 75-100 | 8,005 | 13.6 | 93,593 | 7.2 | 12,792 | 4.4 | 80,800 | 8.0 | 13.7 |
| 100-200 | 20,313 | 34.6 | 151,513 | 29.6 | 27,499 | 24.1 | 124,014 | 31.2 | 18.2 |
| 200-500 | 9,436 | 16.1 | 302,557 | 27.4 | 68,862 | 28.0 | 233,695 | 27.3 | 22.8 |
| 500-1,000 | 1,203 | 2.1 | 717,741 | 8.3 | 200,476 | 10.4 | 517,266 | 7.7 | 27.9 |
| More than 1,000 | 638 | 1.1 | 3,186,758 | 19.5 | 1,090,103 | 29.9 | 2,096,655 | 16.5 | 34.2 |
| All | 58,693 | 100.0 | 177,317 | 100.0 | 39,556 | 100.0 | 137,761 | 100.0 | 22.3 |

Less than 0.05

1) Calendar year. Table shows the tax benefit of the child tax credit with a $\$ 3,000$ unindexed refundability threshold against an otherwise current-law baseline. For a description of TPC's current law baseline, see
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 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.

Table T15-0184
Distribution of Benefits from Child Tax Credit with \$3,000 Refundability Threshold
by Expanded Cash Income Level, $2018{ }^{1}$
Detail Table - Head of Household Tax Units

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Percent of Tax Units ${ }^{3}$ |  | Benefit as a Percent of AfterTax Income ${ }^{4}$ | Share of Total Benefit | Average Benefit |  | Share of Federal Taxes |  | Average Federal Tax Rate ${ }^{6}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | With Benefit | Without Benefit |  |  | Dollars | Percent of Federal Taxes | With Provision | Without Provision | With Provision | Without Provision |
| Less than 10 | 51.0 | 49.0 | 2.9 | 1.0 | 233 | -35.6 | -0.4 | -0.2 | -8.9 | -5.7 |
| 10-20 | 67.4 | 32.6 | 3.9 | 11.3 | 705 | -42.1 | -3.6 | -1.8 | -10.2 | -5.9 |
| 20-30 | 80.8 | 19.2 | 4.1 | 21.3 | 1,111 | -133.9 | -2.1 | 0.6 | -3.1 | 1.1 |
| 30-40 | 78.5 | 21.5 | 3.3 | 17.7 | 1,174 | 75.6 | 3.1 | 4.8 | 4.2 | 7.3 |
| 40-50 | 78.2 | 21.8 | 2.7 | 13.6 | 1,188 | 31.6 | 5.7 | 6.6 | 7.9 | 10.4 |
| 50-75 | 74.6 | 25.4 | 2.0 | 22.6 | 1,162 | 15.5 | 19.3 | 19.7 | 11.5 | 13.3 |
| 75-100 | 66.1 | 34.0 | 1.2 | 9.3 | 920 | 6.4 | 19.1 | 17.9 | 15.5 | 16.5 |
| 100-200 | 29.0 | 71.0 | 0.3 | 2.9 | 319 | 1.2 | 32.7 | 29.2 | 19.3 | 19.5 |
| 200-500 | 0.4 | 99.6 | 0.0 | 0.0 | 5 | 0.0 | 10.7 | 9.4 | 24.1 | 24.1 |
| 500-1,000 | 0.0 | 100.0 | 0.0 | 0.0 | 0 | 0.0 | 3.0 | 2.7 | 29.7 | 29.7 |
| More than 1,000 | 0.0 | 100.0 | 0.0 | 0.0 | 0 | 0.0 | 12.4 | 11.0 | 34.4 | 34.4 |
| All | 68.9 | 31.1 | 1.9 | 100.0 | 941 | 13.2 | 100.0 | 100.0 | 12.4 | 14.1 |

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Level, $2018{ }^{1}$

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Tax Units |  | Pre-Tax Income |  | Federal Tax Burden |  | After-Tax Income ${ }^{5}$ |  | Average Federal Tax Rate ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (thousands) | Percent of Total | Average (dollars) | Percent of Total | Average (dollars) | Percent of Total | Average (dollars) | Percent of Total |  |
| Less than 10 | 986 | 3.9 | 7,369 | 0.5 | -654 | -0.4 | 8,023 | 0.6 | -8.9 |
| 10-20 | 3,812 | 15.1 | 16,489 | 4.4 | -1,676 | -3.6 | 18,165 | 5.5 | -10.2 |
| 20-30 | 4,551 | 18.1 | 26,585 | 8.4 | -830 | -2.1 | 27,415 | 9.9 | -3.1 |
| 30-40 | 3,581 | 14.2 | 37,132 | 9.2 | 1,552 | 3.1 | 35,580 | 10.1 | 4.2 |
| 40-50 | 2,709 | 10.8 | 47,680 | 9.0 | 3,762 | 5.7 | 43,919 | 9.4 | 7.9 |
| 50-75 | 4,616 | 18.3 | 65,421 | 20.9 | 7,510 | 19.3 | 57,911 | 21.2 | 11.5 |
| 75-100 | 2,399 | 9.5 | 91,912 | 15.3 | 14,273 | 19.1 | 77,639 | 14.7 | 15.5 |
| 100-200 | 2,186 | 8.7 | 139,467 | 21.1 | 26,842 | 32.7 | 112,625 | 19.5 | 19.3 |
| 200-500 | 275 | 1.1 | 288,279 | 5.5 | 69,467 | 10.7 | 218,812 | 4.8 | 24.1 |
| 500-1,000 | 25 | 0.1 | 717,564 | 1.3 | 212,749 | 3.0 | 504,816 | 1.0 | 29.7 |
| More than 1,000 | 16 | 0.1 | 4,036,724 | 4.5 | 1,388,128 | 12.4 | 2,648,596 | 3.4 | 34.4 |
| All | 25,211 | 100.0 | 57,257 | 100.0 | 7,120 | 100.0 | 50,137 | 100.0 | 12.4 |

Less than 0-05

1) Calendar year. Table shows the tax benefit of the child tax credit with a $\$ 3,000$ unindexed refundability threshold against an otherwise current-law baseline. For a description of TPC's current law baseline, see
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 gross income are excluded from their respective income class but are included in the totals. For a description of expanded cash income, se
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.

Table T15-0184
Distribution of Benefits from Child Tax Credit with \$3,000 Refundability Threshold
by Expanded Cash Income Level, $2018{ }^{1}$
Detail Table - Tax Units with Children

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Percent of Tax Units ${ }^{3}$ |  | Benefit as a Percent of AfterTax Income ${ }^{4}$ | Share of Total Benefit | Average Benefit |  | Share of Federal Taxes |  | Average Federal Tax Rate ${ }^{6}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | With Benefit | Without Benefit |  |  | Dollars | Percent of Federal Taxes | With Provision | Without Provision | $\square$ $\begin{aligned} & \text { With } \\ & \text { Provision } \end{aligned}$ | Without Provision |
| Less than 10 | 61.3 | 38.7 | 3.6 | 0.7 | 279 | -38.0 | -0.1 | 0.0 | -10.4 | -6.5 |
| 10-20 | 78.5 | 21.5 | 4.6 | 7.4 | 835 | -46.3 | -0.6 | -0.3 | -11.0 | -5.9 |
| 20-30 | 87.9 | 12.1 | 4.5 | 13.5 | 1,233 | -116.6 | -0.4 | 0.1 | -4.0 | 0.7 |
| 30-40 | 88.5 | 11.5 | 3.8 | 12.0 | 1,377 | 122.3 | 0.4 | 0.8 | 3.0 | 6.7 |
| 40-50 | 89.2 | 10.9 | 3.3 | 10.0 | 1,448 | 42.0 | 0.9 | 1.2 | 7.2 | 10.2 |
| 50-75 | 88.6 | 11.4 | 2.5 | 20.6 | 1,491 | 20.1 | 3.8 | 4.4 | 11.2 | 13.5 |
| 75-100 | 85.8 | 14.2 | 1.8 | 15.0 | 1,459 | 10.8 | 5.1 | 5.4 | 14.5 | 16.0 |
| 100-200 | 59.0 | 41.0 | 0.7 | 20.1 | 866 | 3.2 | 23.5 | 23.3 | 18.2 | 18.8 |
| 200-500 | 1.8 | 98.2 | 0.0 | 0.2 | 17 | 0.0 | 27.1 | 26.2 | 22.8 | 22.8 |
| 500-1,000 | 0.1 | 99.9 | 0.0 | 0.0 | 1 | 0.0 | 10.5 | 10.1 | 28.2 | 28.2 |
| More than 1,000 | 0.0 | 100.0 | 0.0 | 0.0 |  | 0.0 | 29.8 | 28.7 | 34.4 | 34.4 |
| All | 68.3 | 31.7 | 1.0 | 100.0 | 1,015 | 3.7 | 100.0 | 100.0 | 20.9 | 21.6 |

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Level, $2018{ }^{1}$

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Tax Units |  | Pre-Tax Income |  | Federal Tax Burden |  | After-Tax Income ${ }^{5}$ |  | Average Federal Tax Rate ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (thousands) | Percent of Total | Average (dollars) | Percent of Total | Average (dollars) | Percent of Total | Average (dollars) | Percent of Total |  |
| Less than 10 | 1,284 | 2.5 | 7,081 | 0.1 | -736 | -0.1 | 7,817 | 0.2 | -10.4 |
| 10-20 | 4,581 | 9.0 | 16,468 | 1.1 | -1,806 | -0.6 | 18,274 | 1.6 | -11.0 |
| 20-30 | 5,635 | 11.1 | 26,647 | 2.2 | -1,057 | -0.4 | 27,704 | 2.9 | -4.0 |
| 30-40 | 4,503 | 8.9 | 37,233 | 2.5 | 1,126 | 0.4 | 36,107 | 3.1 | 3.0 |
| 40-50 | 3,579 | 7.0 | 47,821 | 2.5 | 3,446 | 0.9 | 44,375 | 3.0 | 7.2 |
| 50-75 | 7,126 | 14.0 | 66,079 | 7.0 | 7,404 | 3.8 | 58,675 | 7.8 | 11.2 |
| 75-100 | 5,301 | 10.4 | 93,201 | 7.3 | 13,494 | 5.1 | 79,707 | 7.9 | 14.5 |
| 100-200 | 11,978 | 23.6 | 151,099 | 26.9 | 27,488 | 23.5 | 123,611 | 27.8 | 18.2 |
| 200-500 | 5,469 | 10.8 | 305,621 | 24.8 | 69,654 | 27.1 | 235,967 | 24.2 | 22.8 |
| 500-1,000 | 728 | 1.4 | 716,778 | 7.7 | 201,805 | 10.5 | 514,973 | 7.0 | 28.2 |
| More than 1,000 | 382 | 0.8 | 3,183,716 | 18.1 | 1,094,079 | 29.8 | 2,089,637 | 15.0 | 34.4 |
| All | 50,858 | 100.0 | 132,410 | 100.0 | 27,611 | 100.0 | 104,799 | 100.0 | 20.9 |

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0515-1).

* Less than 0.05

Note: Tax units with children are those claiming an exemption for children at home or away from home.
(1) Calendar year. Table shows the tax benefit of the child tax credit with a $\$ 3,000$ unindexed refundability threshold against an otherwise current-law baseline. For a description of TPC's current law baseline, see
(2) Includes both filingenter.org/taxtopics/Baseline-Definitions.cfm . 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.

Table T15-0184
Distribution of Benefits from Child Tax Credit with \$3,000 Refundability Threshold
by Expanded Cash Income Level, 2018
Detail Table - Elderly Tax Units

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Percent of Tax Units ${ }^{3}$ |  | Benefit as a Percent of AfterTax Income ${ }^{4}$ | Share of Total Benefit | Average Benefit |  | Share of Federal Taxes |  | Average Federal Tax Rate ${ }^{6}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | With Benefit | Without Benefit |  |  | Dollars | Percent of Federal Taxes | With Provision | Without Provision | $\begin{gathered} \text { With } \\ \text { Provision } \end{gathered}$ | Without Provision |
| Less than 10 | 0.7 | 99.3 | 0.1 | 0.6 | 3 | 2.0 | 0.1 | 0.1 | 2.7 | 2.8 |
| 10-20 | 0.7 | 99.3 | 0.0 | 5.1 | 7 | 2.5 | 0.3 | 0.4 | 1.7 | 1.8 |
| 20-30 | 1.0 | 99.0 | 0.1 | 8.8 | 13 | 1.7 | 0.8 | 0.9 | 2.8 | 2.9 |
| 30-40 | 2.1 | 98.0 | 0.1 | 9.9 | 23 | 1.4 | 1.1 | 1.1 | 4.3 | 4.3 |
| 40-50 | 2.8 | 97.2 | 0.1 | 12.3 | 35 | 1.2 | 1.6 | 1.7 | 5.9 | 6.0 |
| 50-75 | 3.5 | 96.5 | 0.1 | 24.9 | 43 | 0.7 | 5.5 | 5.6 | 8.8 | 8.9 |
| 75-100 | 3.8 | 96.2 | 0.1 | 18.2 | 45 | 0.4 | 7.6 | 7.6 | 12.4 | 12.4 |
| 100-200 | 3.0 | 97.1 | 0.0 | 17.2 | 32 | 0.1 | 21.5 | 21.5 | 16.8 | 16.8 |
| 200-500 | 0.3 | 99.8 | 0.0 | 0.3 | 2 | 0.0 | 17.7 | 17.7 | 22.9 | 22.9 |
| 500-1,000 | * | 100.0 | 0.0 | 0.0 | 0 | 0.0 | 7.6 | 7.6 | 28.6 | 28.6 |
| More than 1,000 | 0.0 | 100.0 | 0.0 | 0.0 | 0 | 0.0 | 35.6 | 35.5 | 35.4 | 35.4 |
| All | 2.1 | 97.9 | 0.0 | 100.0 | 24 | 0.2 | 100.0 | 100.0 | 17.8 | 17.9 |

Baseline Distribution of Income and Federal Taxes
by Expanded Cash Income Level, $2018{ }^{1}$

| Expanded Cash Income Level (thousands of 2015 dollars) ${ }^{2}$ | Tax Units |  | Pre-Tax Income |  | Federal Tax Burden |  | After-Tax Income ${ }^{5}$ |  | Average Federal Tax Rate ${ }^{6}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Number (thousands) | $\begin{gathered} \text { Percent of } \\ \text { Total } \end{gathered}$ | Average (dollars) | Percent of Total | Average (dollars) | Percent of Total | Average (dollars) | Percent of Total |  |
| Less than 10 | 1,967 | 4.5 | 5,719 | 0.3 | 154 | 0.1 | 5,564 | 0.4 | 2.7 |
| 10-20 | 7,651 | 17.5 | 16,498 | 3.5 | 285 | 0.3 | 16,213 | 4.2 | 1.7 |
| 20-30 | 7,280 | 16.7 | 26,363 | 5.4 | 738 | 0.8 | 25,625 | 6.4 | 2.8 |
| 30-40 | 4,538 | 10.4 | 37,061 | 4.7 | 1,578 | 1.1 | 35,483 | 5.5 | 4.3 |
| 40-50 | 3,685 | 8.4 | 47,837 | 4.9 | 2,829 | 1.6 | 45,007 | 5.7 | 5.9 |
| 50-75 | 6,115 | 14.0 | 65,630 | 11.2 | 5,778 | 5.5 | 59,852 | 12.5 | 8.8 |
| 75-100 | 4,239 | 9.7 | 92,416 | 11.0 | 11,424 | 7.6 | 80,992 | 11.7 | 12.4 |
| 100-200 | 5,649 | 12.9 | 144,242 | 22.8 | 24,247 | 21.5 | 119,995 | 23.1 | 16.8 |
| 200-500 | 1,660 | 3.8 | 296,571 | 13.8 | 67,995 | 17.7 | 228,575 | 12.9 | 22.9 |
| 500-1,000 | 230 | 0.5 | 733,498 | 4.7 | 210,031 | 7.6 | 523,467 | 4.1 | 28.6 |
| More than 1,000 | 175 | 0.4 | 3,662,362 | 17.9 | 1,297,494 | 35.6 | 2,364,868 | 14.1 | 35.4 |
| All | 43,684 | 100.0 | 81,831 | 100.0 | 14,590 | 100.0 | 67,241 | 100.0 | 17.8 |

Source: Urban-Brookings Tax Policy Center Microsimulation Model (version 0515-1).

* Less than 0.05

Note: Elderly tax units are those with either head or spouse (if filing jointly) age 65 or older.
(1) Calendar year. Table shows the tax benefit of the child tax credit with a $\$ 3,000$ unindexed refundability threshold against an otherwise current-law baseline. For a description of TPC's current law baseline, see
$\frac{\text { http://www.taxpolicycenter.org/taxtopics/Baseline-Definitions.cfm }}{\text { (2) Includes both filingand }}$
(2) Includes both filing and non-filing units but excludes those that are dependents of other tax units. Tax units with negative 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.

