

## Key Elements of the U.S. Tax System

What is the difference between refundable and nonrefundable credits?

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**Q. What is the difference between refundable and nonrefundable credits?**

**A. Taxpayers subtract both refundable and nonrefundable credits from the taxes they owe. If a refundable credit exceeds the amount of taxes owed, the difference is paid as a refund. If a nonrefundable credit exceeds the amount of taxes owed, the excess is lost.**

### REFUNDABLE VERSUS NONREFUNDABLE TAX CREDITS

The maximum value of a nonrefundable tax credit is capped at a taxpayer's tax liability. In contrast, taxpayers receive the full value of their refundable tax credits. The amount of a refundable tax credit that exceeds tax liability is refunded to taxpayers.

Most tax credits are nonrefundable. Notable exceptions include the fully refundable earned income tax credit (EITC), the premium tax credit for health insurance (PTC), the refundable portion of the child tax credit (CTC) known as the additional child tax credit (ACTC), and the partially refundable American opportunity tax credit (AOTC) for higher education. With the EITC, PTC, and ACTC, taxpayers calculate the value of these credits and receive the credit first as an offset to taxes owed, with any remainder paid out as a refund. With the AOTC, if the credit fully offsets taxes owed, 40 percent of the remainder can be paid out as a refund.

### BUDGET TREATMENT OF REFUNDABLE VERSUS NONREFUNDABLE TAX CREDITS

The federal budget distinguishes between the portion of a tax credit that offsets tax liability and the portion that is refundable, classifying the latter as an outlay. Most of the EITC—an estimated \$62.1 billion of the 2017 total of \$63.9 billion—was refunded. Much less of the child tax credit (\$30.0 billion out of \$54.3 billion) was refunded (figure 1). Because the 2017 Tax Cuts and Jobs Act substantially changed the child tax credit in 2018 through 2025, the amount of the credit and the shares of the nonrefundable and refundable portions will be different going forward.

### ADVANTAGES AND DISADVANTAGES OF REFUNDABLE CREDITS

Proponents of refundable credits argue that only by making credits refundable can the tax code effectively carry out desired social policy. This is especially true for the EITC and the CTC: if the credits were not refundable, low-income households most in need of assistance would not benefit from them. Furthermore, allowing credits only against income tax liability ignores the fact that most low-income families also incur payroll taxes.

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Opponents of refundable credits, for their part, raise a host of objections:

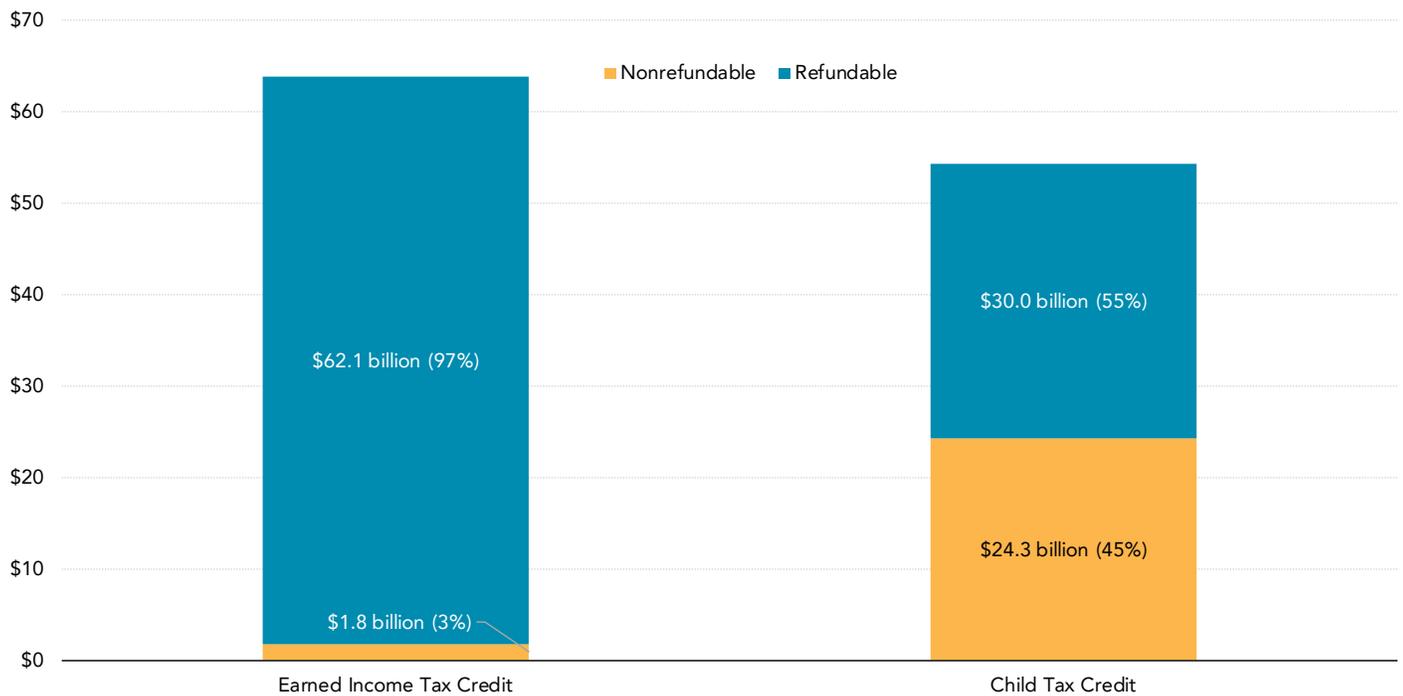
- The tax system should collect taxes, not redistribute income.
- The government should not use the tax system to carry out social policies.
- Everyone should pay some tax as a responsibility of citizenship.
- Refundable credits increase administrative and compliance costs, and encourage fraud.

**FIGURE 1**

### Earned Income Tax Credit and the Child Tax Credit Refundable and nonrefundable shares, fiscal year 2017



Billions of dollars



**Source:** Office of Management and Budget. *Analytical Perspectives, Budget of the United States Government, Fiscal Year 2019: Tax Expenditures*. Table 13-1. "Estimates of Total Income Tax Expenditures for Fiscal Years 2017-2027."

### Data Sources

Office of Management and Budget. *Analytical Perspectives, Budget of the United States Government, Fiscal Year 2019: Tax Expenditures*. [Table 13-1](#). "Estimates of Total Income Tax Expenditures for Fiscal Years 2017-2027."

### Further Reading

Batchelder, Lily L., Fred T. Goldberg, and Peter R. Orszag. 2006. "[Efficiency and Tax Incentives: The Case for Refundable Tax Credits](#)." *Stanford Law Review* 59 (23): 2006.

Sammartino, Frank, Eric Toder, and Elaine Maag. 2002. "[Providing Federal Assistance for Low-Income Families through the Tax System](#)." Washington, DC: Urban-Brookings Tax Policy Center.