



# An Introduction to the Low-Income Housing Tax Credit

**Mark P. Keightley**  
Specialist in Economics

February 12, 2013

**Congressional Research Service**

7-5700

[www.crs.gov](http://www.crs.gov)

RS22389

## Summary

The low-income housing tax credit (LIHTC) program is one of the federal government's primary policy tools for encouraging the development and rehabilitation of affordable rental housing. These non-refundable federal housing tax credits are awarded to developers of qualified rental projects via a competitive application process administered by state housing finance authorities. Developers typically sell their tax credits to outside investors in exchange for equity. Selling the tax credits reduces the debt developers would otherwise have to incur and the equity they would otherwise have to contribute. With lower financing costs, tax credit properties can potentially offer lower, more affordable rents. The LIHTC is estimated to cost the government an average of nearly \$6 billion annually.

The LIHTC program was originally designed to provide a 30% subsidy for rehabilitated rental housing, and a 70% subsidy for newly constructed rental housing. To ensure that the 30% or 70% subsidies were achieved, the U.S. Department of the Treasury designed a formula for determining the LIHTC rate. The formula depends in part on current market interest rates that fluctuate over time. These fluctuations have also caused the LIHTC rate to change over time. Developers and investors have expressed concern over the uncertainty that the variable LIHTC rate changes introduce into the program.

The Housing and Economic Recovery Act of 2008 (P.L. 110-289) temporarily changed the credit rate formula used for new construction. The act effectively placed a floor equal to 9% on the new construction tax credit rate. The 9% credit rate floor only applies to new construction placed in service before December 31, 2013. The tax credit rate (known as the 4% credit) that is applied to rehabilitation construction remained unaltered by the act. Most recently, the American Taxpayer Relief Act of 2012 (P.L. 112-240) extended the 9% floor for credit allocations made before January 1, 2014.

This report will be updated as warranted by legislative changes.

## **Contents**

Overview.....	1
The Allocation Process .....	2
Federal Allocation to States.....	2
State Allocation to Developers .....	2
Developers and Investors .....	3

## **Contacts**

Author Contact Information.....	5
---------------------------------	---

## Overview

The low-income housing tax credit (LIHTC) was created by the Tax Reform Act of 1986 (P.L. 99-514) to provide an incentive for the development and rehabilitation of affordable rental housing. These federal housing tax credits are awarded to developers of qualified projects via a competitive application process administered by state housing finance authorities (HFAs). Developers either use the credits or sell them to investors to raise capital for real estate projects, which, in turn, reduces the debt or equity contribution that would otherwise be required of developers. With lower financing costs, tax credit properties can potentially expand the supply of affordable rental housing. The LIHTC is estimated to cost the government an average of nearly \$6 billion annually.<sup>1</sup>

Two types of LIHTCs are available depending on the nature of the rental housing construction. The so-called 9% credit is generally reserved for new construction. Each year for 10 years a tax credit equal to roughly 9% of a project's qualified basis (cost of construction) may be claimed. The applicable credit rate is not actually 9%; instead, the specific rate that a project will receive is set so that the present value of the 10-year stream of credits equals 70% of a project's qualified basis.<sup>2</sup> The formula used to ensure the 70% subsidy is achieved depends in part on current market interest rates that fluctuate over time.<sup>3</sup> These fluctuations have also caused the LIHTC rate to change over time. Since 1986, the 9% credit has ranged between 7.89% and 9.27%.

The so-called 4% credit is typically claimed for rehabilitated housing and new construction that is financed with tax-exempt bonds.<sup>4</sup> Like the 9% credit, the 4% credit is claimed annually over a 10-year credit period. The actual credit rate fluctuates around 4%, but is set by the Treasury to deliver a subsidy equal to 30% of a project's qualified basis in present value terms. At one point, the 4% credit rate had fallen to as low as 3.33%.<sup>5</sup> For both the 4% and 9% credit it is the subsidy levels (30% or 70%) that are explicitly specified in the Internal Revenue Code (IRC), not the credit rates.<sup>2</sup>

To understand the mechanics of the LIHTC, consider a new affordable housing apartment complex with a qualified basis of \$1 million. Since the project involves new construction it will qualify for the 9% credit and generate a stream of tax credits equal to \$90,000 (9% × \$1 million) per year for 10 years, or \$900,000 in total. Under the appropriate interest rate the present value of the \$900,000 stream of tax credits should be equal to \$700,000, resulting in a 70% subsidy. The situation would be similar if the project involved rehabilitated construction except the developer

---

<sup>1</sup> U.S. Congress, Joint Committee on Taxation, *Estimates of Federal Tax Expenditures for Fiscal Years 2011-2015*, committee print, 112<sup>th</sup> Cong., 2<sup>nd</sup> sess., January 17, 2012, JCS-1-12.

<sup>2</sup> The concept of present value is used when it is necessary to value a stream of money that is expected to be received over time. Because of the ability to earn a return on money received sooner rather than later, money received in the future is less valuable than money received today. The present value concept accounts for this "time value of money" by discounting money expected to be received at different points in time. Usually, discounting is carried out using an interest rate because interest rates measure the time value of money.

<sup>3</sup> See CRS Report RS22917, *The Low-Income Housing Tax Credit Program: The Fixed Subsidy and Variable Rate*, by Mark P. Keightley for a detailed discussion of how the LIHTC rates are calculated.

<sup>4</sup> A developer using federal tax-exempt bonds can qualify for the 9% credit if they reduce the project's eligible basis by the amount of the tax-exempt bond subsidy.

<sup>5</sup> U.S. Department of the Treasury, Internal Revenue Service, *Revenue Ruling 2003-71, Table 4, Appropriate Percentages Under Section 42(b)(2) for July 2003*, Internal Revenue Bulletin 2003-27, July 7, 2003.

would be entitled to a stream of tax credits equal to \$40,000 ( $4\% \times \$1$  million) per year for 10 years, or \$400,000 in total. The present value of the \$400,000 stream of tax credits should be equal to \$300,000, resulting in a 30% subsidy.

The Housing and Economic Recovery Act of 2008 (HERA, P.L. 110-289), temporarily changed the credit rate formula used for new construction. The act effectively placed a floor equal to 9% on the new construction tax credit rate. The 9% credit rate floor only applies to new construction placed in service before December 31, 2013. The 4% credit remained unaltered. Most recently, the American Taxpayer Relief Act of 2012 (P.L. 112-240) extended the 9% floor for credit allocations made before January 1, 2014. As long as interest rates remain relatively low, the floor increases the subsidy to new affordable rental housing construction above the 70% level. For analysis of the credit rate floors and alternative policy options see CRS Report RS22917, *The Low-Income Housing Tax Credit Program: The Fixed Subsidy and Variable Rate*, by Mark P. Keightley.

## The Allocation Process

The process of allocating, awarding, and then claiming the LIHTC is complex and lengthy. The process begins at the federal level with each state receiving an annual LIHTC allocation in accordance with federal law. State housing agencies then allocate credits to developers of rental housing according to federally required, but state created, allocation plans. The process typically ends with developers selling allocated credits to outside investors in exchange for equity. A more detailed discussion of each level of the allocation process is presented below.

### Federal Allocation to States

LIHTCs are first allocated to each state according to its population. In 2012, states received a LIHTC allocation of \$2.20 per person, with a minimum small population state allocation of \$2,525,000.<sup>6</sup> The state allocation limits do not apply to the 4% credits which are automatically packaged with tax-exempt bond financed projects.<sup>7</sup> The administration of the tax credit program is typically carried out by each state's Housing Finance Agency (HFA).

### State Allocation to Developers

State HFAs allocate credits to developers of rental housing according to federally required, but state created, Qualified Allocation Plans (QAPs). Federal law requires that the QAP give priority to projects that serve the lowest income households and that remain affordable for the longest period of time. Many states have two allocation periods per year. Developers apply for the credits by proposing plans to state agencies. Types of developers include nonprofit organizations, for-profit organizations, joint ventures, partnerships, limited partnerships, trusts, corporations, and limited liability corporations.

---

<sup>6</sup> From 1986 through 2000, the initial credit allocation amount was \$1.25 per capita. The allocation was increased to \$1.50 in 2001, to \$1.75 in 2002 and 2003, and indexed for inflation annually thereafter. The initial minimum tax credit ceiling for small states was \$2,000,000, and was indexed for inflation annually after 2003.

<sup>7</sup> Tax-exempt bonds are issued subject to a private activity bond volume limit per state. For more information, see CRS Report RL31457, *Private Activity Bonds: An Introduction*, by Steven Maguire.

An allocation to a developer does not imply that all allocated tax credits will be claimed. An allocation simply means tax credits are set aside for a developer. Once a developer receives an allocation it has several years to complete its project. Credits may not be claimed until a project is completed and occupied, also known as “placed in service.” Tax credits that are not allocated by states are added to a national pool and then redistributed to states that apply for the excess credits. To be eligible for an excess credit allocation, a state must have allocated its entire previous allotment of tax credits. This use or lose feature gives states an incentive to allocate all of their tax credits to developers.

In order to be eligible for a LIHTC allocation, properties are required to meet certain tests that restrict both the amount of rent that is assessed to tenants and the income of eligible tenants. The “income test” for a qualified low-income housing project requires that the project owner irrevocably elect one of two income level tests, either a 20-50 test or a 40-60 test. In order to satisfy the first test, at least 20% of the units must be occupied by individuals with income of 50% or less of the area’s median gross income, adjusted for family size. To satisfy the second test, at least 40% of the units must be occupied by individuals with income of 60% or less of the area’s median gross income, adjusted for family size.<sup>8</sup> A qualified low-income housing project must also meet the “gross rents test” by ensuring rents do not exceed 30% of the elected 50% or 60% of area median gross income, depending on which income test the project elected.<sup>9</sup>

The types of projects eligible for the LIHTC are apartment buildings, single family dwellings, duplexes, and townhouses. Projects may include more than one building. Tax credit project types also vary by the type of tenants served. Housing can be for families or special needs populations including the elderly.

Enhanced LIHTCs are available for difficult development areas (DDAs) and qualified census tracts (QCTs) as an incentive to developers to invest in more distressed areas: areas where the need is greatest for affordable housing, but which can be the most difficult to develop.<sup>10</sup> In these distressed areas, the LIHTC can be claimed for 130% (instead of the normal 100%) of the project’s total cost excluding land costs. This also means that available credits can be increased by up to 30%. HERA (P.L. 110-289) enacted changes that allows an HFA to classify any building it sees fit as difficult to develop and hence, eligible for the enhanced credit.

## **Developers and Investors**

Upon receipt of a LIHTC allocation, developers typically exchange the tax credits for equity. For-profit developers can either retain tax credits as financing for projects or sell them to investors; nonprofit developers sell tax credits. Taxpayers claiming the tax credits are usually investors, not developers. The tax credits cannot be claimed until the real estate development is complete and operable. This means that more than a year or two could pass between the time of the tax credit allocation and the time the credit is claimed. If, for example, a project were completed in June of 2013, depending on the filing period of the investor, the tax credits may not begin to be claimed until some time in 2014.

---

<sup>8</sup> Internal Revenue Code (IRC) §42(g)(1).

<sup>9</sup> IRC §42(g)(2).

<sup>10</sup> IRC §42(d)(5).

Trading tax credits, or selling them, refers to the process of exchanging tax credits for equity investment in real estate projects. Developers recruit investors to provide equity to fund development projects and offer the tax credits to those investors in exchange for their commitment. When credits are sold, the sale is usually structured with a limited partnership between the developer and the investor, and sometimes administered by syndicators who must adhere to the complex provisions of the tax code.<sup>11</sup> As the general partner, the developer has a very small ownership percentage but maintains the authority to build and run the project on a day-to-day basis. The investor, as a limited partner, has a large ownership percentage with an otherwise passive role. Syndicators charge a fee for overseeing the investment transactions.

Typically, investors do not expect the project to produce income. Instead, investors look to the credits, which will be used to offset their income tax liabilities, as their return on investment. The return investors receive is determined in part by the market price of the tax credits. The market price of tax credits fluctuates, but in normal economic conditions the price typically ranges from the mid-\$0.80s to low-\$0.90s per \$1.00 tax credit. The larger the difference between the market price of the credits and their face value (\$1.00), the larger the return to investors. The investor can also receive tax benefits related to any tax losses generated through the project's operating costs, interest on its debt, and deductions such as depreciation.

The type of tax credit investor has changed over the life of the LIHTC. Upon the introduction of the LIHTC in 1986, public partnerships were the primary source of equity investment in tax credit projects, but diminished profit margins have driven some syndicators out of the retail investment market. Although there are individual tax credit investors, in recent years, the vast majority of investors have come from corporations, either investing directly or through private partnerships.<sup>12</sup>

Different types of investors have different motivations for investing in tax credits. Some investors are motivated by the Community Reinvestment Act (CRA), which considers LIHTC investments favorably.<sup>13</sup> Other investors include real estate, insurance, utility, and manufacturing firms, many of which list the rate of return on investment as their primary purpose for investing in tax credits. Tax sheltering is the second-most highly ranked purpose for investing.<sup>14</sup>

The LIHTC finances part of the total cost of many projects rather than the full cost and, as a result, must be combined with other resources. The financial resources that may be used in conjunction with the LIHTC include conventional mortgage loans provided by private lenders and alternative financing and grants from public or private sources. Individual states provide financing as well, some of which may be in the form of state tax credits modeled after the federal provision. Additionally, some LIHTC projects may have tenants who receive other government subsidies such as housing vouchers.

---

<sup>11</sup> Syndicators are intermediaries who exist almost exclusively to administer tax credit deals. In the early years of the LIHTC, syndicators were more prevalent. In later years, as the number of corporate investors in the LIHTC grew and interacted directly with developers, the role of syndicators diminished.

<sup>12</sup> HousingFinance.com, "Corporate Investment and the Future of Tax Credits: What Should You Expect," at [http://www.housingfinance.com/housingreferencecenter/Corporate\\_Investment.html](http://www.housingfinance.com/housingreferencecenter/Corporate_Investment.html), June 19, 2008.

<sup>13</sup> In 2005, an estimated 43% of LIHTC investors were subject to the CRA. U.S. Department of the Treasury. Office of the Comptroller of the Currency, *Low Income Housing Tax Credits: Fact Sheet* August 2005, pp. 1-2, at <http://www.occ.treas.gov/Cdd/fact%20sheet%20LIHTC.pdf>, June 19, 2008.

<sup>14</sup> Jean L. Cummings and Denise DiPasquale, "Building Affordable Housing: An Analysis of the Low-Income Housing Tax Credit," City Research, 1998, p. 33.

## **Author Contact Information**

Mark P. Keightley  
Specialist in Economics  
mkeightley@crs.loc.gov, 7-1049