



Vanguard Target Retirement 2045 Trust Plus

Balanced fund (stocks and bonds)

Fund facts

Risk level Low ← → High					Total net assets	Expense ratio as of 06/26/15	Turnover rate as of 03/31/19	Inception date	Fund number
1	2	3	4	5	\$9,801 MM	0.06%	5.3%	08/15/11	1658

Investment objective

Vanguard Target Retirement 2045 Trust Plus seeks to provide capital appreciation and current income consistent with its current asset allocation.

Investment strategy

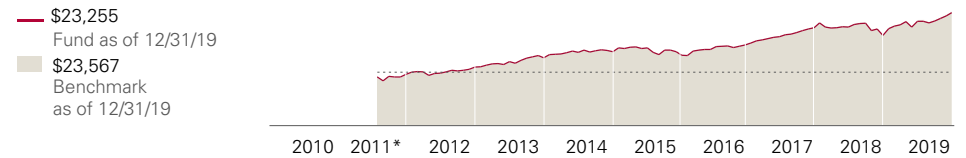
The trust invests in Vanguard mutual funds using an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2045 (the target year). The trust's asset allocation will become more conservative over time. Within seven years after 2045, the trust's asset allocation should resemble that of the Target Retirement Income Trust Plus. The underlying funds are: Vanguard Total Bond Market II Index Fund, Vanguard Total Stock Market Index Fund, Vanguard Total International Bond Index Fund, and Vanguard Total International Stock Index Fund.

The trust's indirect bond holdings are a diversified mix of short-, intermediate-, and long-term U.S. government, U.S. agency, and investment-grade U.S. corporate bonds; inflation-protected public obligations issued by the U.S. Treasury; mortgage-backed and asset-backed securities; and government, agency, corporate, and securitized investment-grade foreign bonds issued in currencies other than the U.S. dollar (but hedged by Vanguard to minimize currency exposures). The trust's indirect stock holdings are a diversified mix of U.S. and foreign large-, mid-, and small-capitalization stocks.

Benchmark

Target Retirement 2045 Composite Ix

Growth of a \$10,000 investment: August 31, 2011—December 31, 2019



Annual returns



	2010	2011*	2012	2013	2014	2015	2016	2017	2018	2019
Fund	—	0.77	15.75	24.46	7.30	-1.43	8.94	21.52	-7.84	25.09
Benchmark	—	1.21	15.58	24.79	7.61	-1.25	9.13	21.55	-7.77	25.37

Total returns

	Periods ended December 31, 2019					
	Quarter	Year to date	One year	Three years	Five years	Since inception
Fund	8.04%	25.09%	25.09%	11.89%	8.51%	10.70%
Benchmark	8.15%	25.37%	25.37%	12.01%	8.66%	—

The performance data shown represent past performance, which is not a guarantee of future results. Investment returns and principal value will fluctuate, so investors' shares, when sold, may be worth more or less than their original cost. Current performance may be lower or higher than the performance data cited. For performance data current to the most recent month-end, visit our website at vanguard.com/performance.

Figures for periods of less than one year are cumulative returns. All other figures represent average annual returns. Performance figures include the reinvestment of all dividends and any capital gains distributions. All returns are net of expenses.

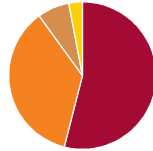
* Partial return since fund started, August 15, 2011.

Target Retirement 2045 Composite Ix: Derived by applying the fund's target asset allocation to the results of the following benchmarks: for international stocks of developed markets, the MSCI EAFE Index through December 15, 2010, the MSCI ACWI ex USA IMI Index through June 2, 2013, and the FTSE Global All Cap ex US Index thereafter; for emerging-market stocks, the Select Emerging Markets Index through August 23, 2006, the MSCI Emerging Markets Index through December 15, 2010, the MSCI ACWI ex USA IMI Index through June 2, 2013, and the FTSE Global All Cap ex US Index thereafter; for U.S. bonds, the Bloomberg Barclays U.S. Aggregate Bond Index through December 31, 2009, and the Bloomberg Barclays U.S. Aggregate Float Adjusted Index thereafter; for international bonds, the Bloomberg Barclays Global Aggregate ex-USD Float Adjusted RIC Capped Index Hedged beginning June 3, 2013; and for U.S. stocks, the Dow Jones U.S. Total Stock Market Index (formerly known as the Dow Jones Wilshire 5000 Index) through April 22, 2005, the MSCI US Broad Market Index through June 2, 2013, and the CRSP US Total Market Index thereafter. International stock benchmark returns are adjusted for withholding taxes.

Vanguard Target Retirement 2045 Trust Plus

Balanced fund (stocks and bonds)

Allocation of underlying funds†



■ Total Stock Market Index Plus	54.0%
■ Total Intl Stock Idx Fund	36.0

■ Total Bond Market II Index	7.0
■ Total Intl Bond Idx Fund	3.0

†Fund holdings are subject to change.

Connect with Vanguard® > vanguard.com

Plain talk about risk

The trust is subject to several stock and bond market risks, any of which could cause an investor to lose money. However, based on the trust's current allocation between stocks and the less volatile asset class of bonds, the trust's overall level of risk should be higher than those funds that invest mostly in bonds, but lower than those investing mostly in stocks. As the trust's allocation between underlying funds gradually changes, the trust's overall level of risk also will decline. In addition to the risks inherent in the asset classes of the underlying funds, the trust also is subject to asset allocation risk, which is the chance that the selection of underlying funds and the allocation of fund assets will cause the trust to underperform other funds with a similar investment objective. Investments in Target Retirement Trusts are subject to the risks of their underlying funds. The year in the trust name refers to the approximate year 2045 when an investor in the trust would retire and leave the workforce. The trust will gradually shift its emphasis from more aggressive investments to more conservative ones based on its target date. An investment in the Target Retirement Trust is not guaranteed at any time, including on or after the target date.

Note on frequent trading restrictions

Frequent trading policies may apply to those funds offered as investment options within your plan. Please log on to vanguard.com for your employer plans or contact Participant Services at 800-523-1188 for additional information.

This investment is not a mutual fund. It is a collective trust available only to tax-qualified plans and their eligible participants.

This collective trust is managed by Vanguard Fiduciary Trust Company, a wholly owned subsidiary of The Vanguard Group, Inc., and is not a mutual fund. Investment objectives, risks, charges, expenses, and other important information should be considered carefully before investing.

For more information about Vanguard investments, see below for which situation is right for you.

If you receive your retirement plan statement from Vanguard or log on to Vanguard's website to view your plan, visit vanguard.com or call **800-523-1188**.

If you receive your retirement plan statement from a service provider other than Vanguard or log on to a recordkeeper's website that is not Vanguard to view your plan, please call **855-402-2646**.