

Target Date Funds

Fiduciary Review

2026



CARSON

Michael Barczak, CFA
VP, Investment Due Diligence

Fiduciary Considerations

Target Date funds regularly account for a significant portion of new money into retirement plans

- TDFs account for 42% of all assets and 64% of new contributions in 2025**
- 96% of DC plans offered TDF funds as of year end 2025**
- Among plans choosing a qualified default investment alternative (QDIA) for participants, 98% utilize a TDF as the QDIA**

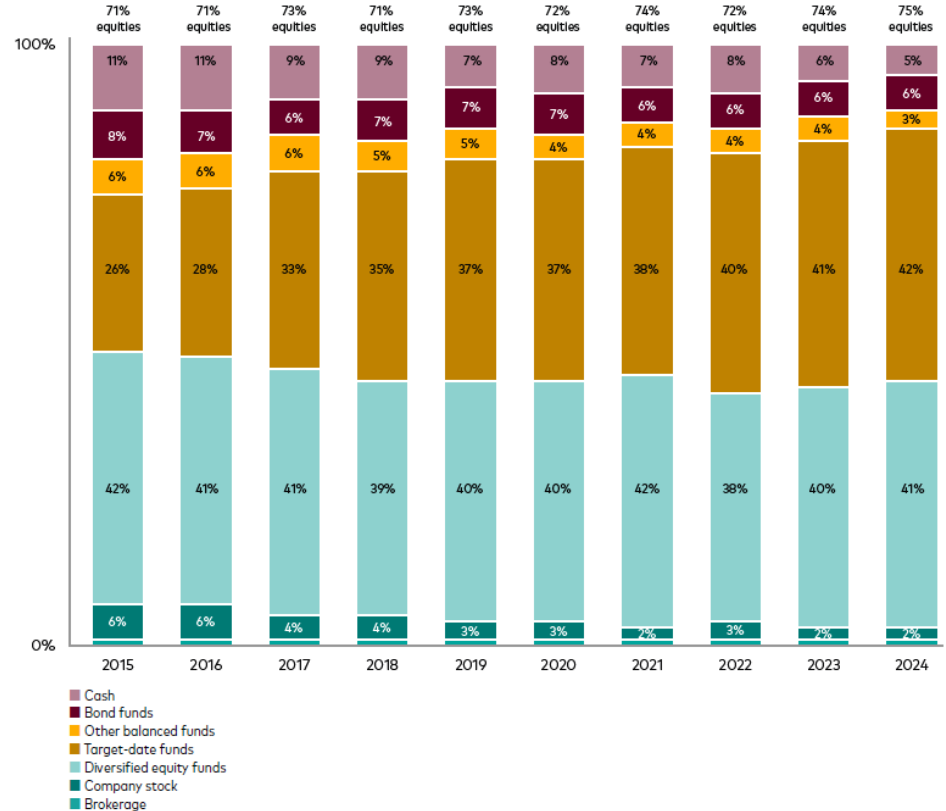
Litigation against plan sponsors typically includes the following complaints:

- Improper investment asset allocation
- Poor performance
- High fees
- Self dealing with a recordkeeper's proprietary products

DOL guidelines include:

- Establishing a sound process for selecting and monitoring TDFs, and showing consistent documentation of that process
- Periodically reviewing relative performance, and comparing the investment expense relative to other TDF options
- Understanding the TDF's glidepath and how it evolves over time

Plan Contribution Allocation Summary**



** Source: Vanguard's How America Saves 2025 Report



Considerations for your Fiduciary Process

DOL Consideration	Your Plan
<p>Form a process for selection and monitoring</p>	<p>Your Target Date Funds are regularly benchmarked against the applicable indexes and peer groups, as well as evaluated within Carson's scoring methodology</p>
<p>Understand the series' asset allocation and glidepath characteristics</p>	<p>Vanguard Target Retirement Trust Plus series has a through glidepath. The equity allocation begins at 90% for the youngest participants, is at 50% at retirement, and holds a 30% position 7 years after retirement</p>
<p>Benchmark the investment management fees</p>	<p>Expense ratios are 0.055% and are below the peer average investment management costs</p>
<p>Understand the series' building blocks and what options are available in the marketplace</p>	<p>The underlying portfolios are comprised of 0 active and 6 passive components, of which 100% are proprietary to Vanguard</p>
<p>Consistently document the monitoring process</p>	<p>Regular investment monitoring materials and annual due diligence reviews are saved in your advisor's client file</p>



TDF Series Overview

Name	Vanguard Target Retirement Trust series
Inception Date	10/27/2003
Expense Range	0.055%
People	<ul style="list-style-type: none">• 13 person Strategic Asset Allocation Committee (SAAC) sets investment methodology and asset allocation parameters• 4 named portfolio managers handling day-to-day activity
Glidepath Style	Moderate glidepath has an average equity allocation generally near that of the peer average across the glidepath
Building Blocks	Portfolios comprised of proprietary Vanguard strategies and cash equivalents



TDF Series Overview

This target-date series has all the features one would expect from Vanguard's deeply rooted investment culture. It features four low-cost, broadly diversified index funds to gain efficient exposure to global stocks and bonds. The Vanguard Target Retirement series is managed on a day-to-day basis by a team of 4 named portfolio managers and investment methodology and strategy is overseen by Vanguard's Strategic Asset Allocation Committee (SAAC) which is a team of 15 global investment leaders who meet quarterly to steer the policy allocations of Vanguard's multi-asset portfolios (2 of the named PMs also are members of the SAAC).

The team employs a straight forward, no frills approach to asset allocation. Market exposure (beta), low costs, and an intentional avoidance of sector, region, style, or asset class bets relative to the peer group average are the hallmarks of the strategy, and outperformance is generated incrementally over time. This ensures that while the strategy will likely never be the best performing in its peer group in any calendar year, it will also likely never be the worst either. Sub-asset class, style, and market cap positioning is determined by market weights due to using the total market indexes although some decision making is used in the US vs Intl equity split, but the team is thoughtful about what the global liquid market's characteristics are when they set those weights (weights are reviewed quarterly by the SAAC but don't change much).

Carson's internal investment committee continues to believe the Vanguard Target Retirement series remains a prudent investment option for plan participants. The performance and risk of the glidepath remain in line with Vanguard's stated long-term investment objective for the series, and this is achieved at a low cost to the participant relative to peers.



TDF Series Overview

All portfolios in the series are constructed using a combination of the following 6 investments:

- Vanguard Total Stock Market Index
- Vanguard Total International Stock Index
- Vanguard Total Bond Market Index
- Vanguard Total International Bond Index
- Vanguard Short-Term Inflation-Protected Securities Index
- Cash

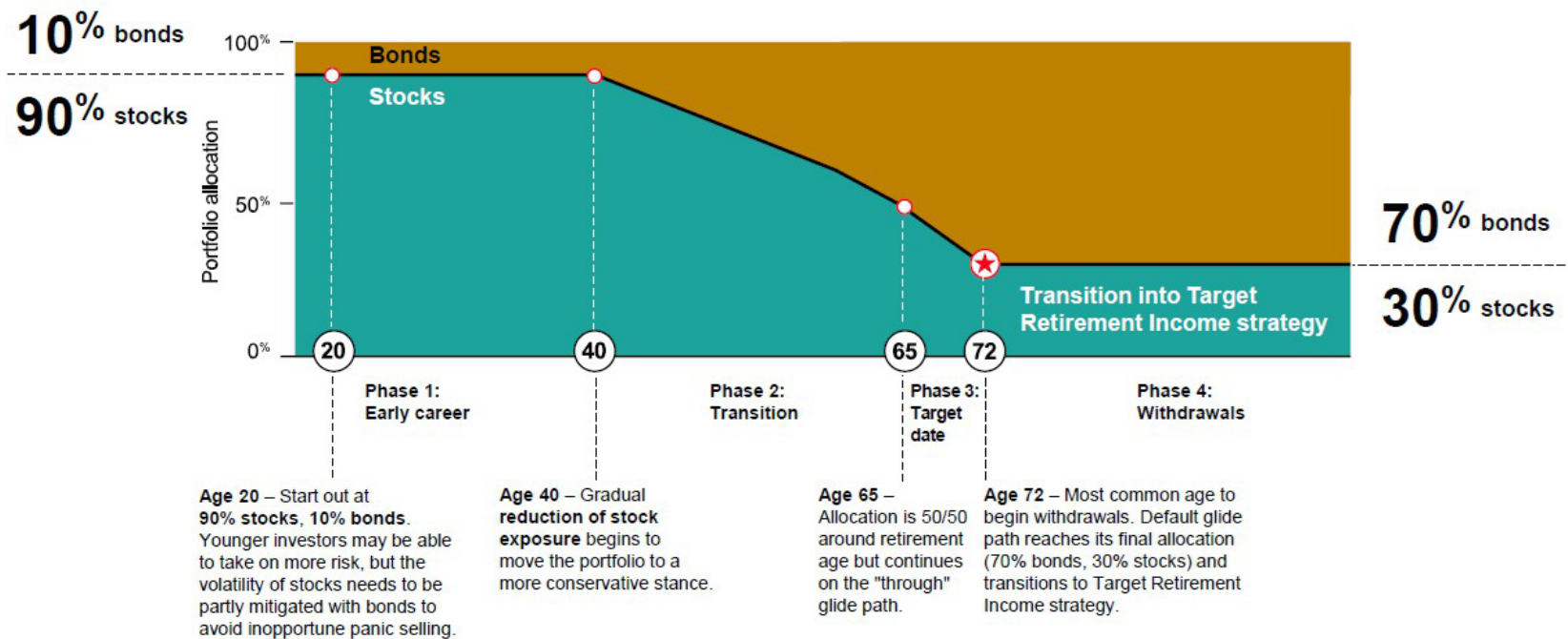
This allows each vintage in the series to provide investors with broadly diversified global equity and bond exposure in commensurate proportions relative to the target retirement date in question. The asset allocation begins at 90% equities and 10% fixed income/cash for the youngest participants, is roughly 50% equities and 50% fixed income/cash at retirement, and lands at 30% equities and 70% fixed income/cash for participants deeper into retirement as outlined on the below glidepath charts from Vanguard.



TDF Series Overview

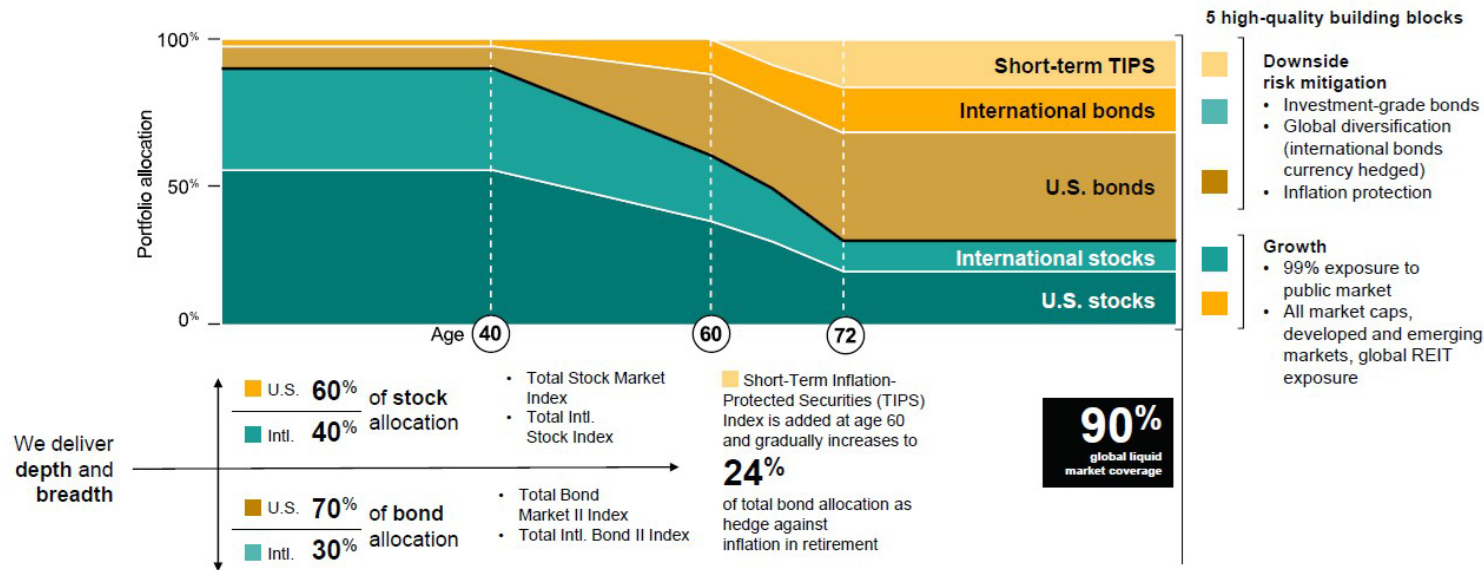
Balancing risk and return at every stage of the investor's life

Glide path determined by time-tested investment principles and behavioral insights



TDF Series Overview

A strategic asset allocation using high-quality building blocks



Long term performance across the glidepath continues to be in line with expectations as the series's low costs and passive beta exposure have been able to generate strong compound returns over multi-year to multi-decade time horizons typical of target date investors. Recent performance has also benefitted from the underlying portfolios being market capitalization weighted as large cap has outperformed small cap, growth has outperformed value, and US markets have outperformed international markets. As a passive strategy, the funds give up the potential for manager alpha (excess returns) due to security selection, but also avoid the pitfalls of negative alpha or value traps, resulting in a smoother relative return experience.



Target Date Performance

Periods ended December 31, 2025

Trusts (Inception date)	Acquired fees & expenses ¹	Quarter	Year to date	One year	Three years	Five years	Ten years	Since inception
Target Retirement 2070 Trust Plus (April 6, 2022)	0.055	3.08%	21.54%	21.54%	18.77%	—	—	11.20%
Target Retirement 2070 Composite Index ²	—	3.21%	21.49%	21.49%	18.93%	10.25%	11.34%	11.28%
Target Retirement 2065 Trust Plus (July 24, 2017)	0.055	3.07%	21.52%	21.52%	18.76%	10.04%	—	11.20%
Target Retirement 2065 Composite Index ²	—	3.21%	21.49%	21.49%	18.93%	10.25%	11.34%	10.85%
Target Retirement 2060 Trust Plus (March 23, 2012)	0.055	3.07%	21.56%	21.56%	18.78%	10.05%	11.13%	10.49%
Target Retirement 2060 Composite Index ²	—	3.21%	21.49%	21.49%	18.93%	10.25%	11.34%	10.69%
Target Retirement 2055 Trust Plus (November 30, 2011)	0.055	3.08%	21.53%	21.53%	18.77%	10.04%	11.12%	11.02%
Target Retirement 2055 Composite Index ²	—	3.21%	21.49%	21.49%	18.93%	10.25%	11.34%	11.27%
Target Retirement 2050 Trust Plus (August 15, 2011)	0.055	3.05%	21.50%	21.50%	18.78%	10.04%	11.11%	10.86%
Target Retirement 2050 Composite Index ²	—	3.19%	21.47%	21.47%	18.92%	10.24%	11.34%	11.09%
Target Retirement 2045 Trust Plus (August 15, 2011)	0.055	2.87%	20.08%	20.08%	17.80%	9.47%	10.81%	10.65%
Target Retirement 2045 Composite Index ²	—	3.00%	20.00%	20.00%	17.92%	9.67%	11.03%	10.88%
Target Retirement 2040 Trust Plus (August 15, 2011)	0.055	2.69%	18.85%	18.85%	16.67%	8.63%	10.21%	10.23%
Target Retirement 2040 Composite Index ²	—	2.81%	18.77%	18.77%	16.76%	8.82%	10.42%	10.46%
Target Retirement 2035 Trust Plus (August 15, 2011)	0.055	2.50%	17.59%	17.59%	15.49%	7.78%	9.49%	9.64%
Target Retirement 2035 Composite Index ²	—	2.62%	17.54%	17.54%	15.59%	7.97%	9.69%	9.85%
Target Retirement 2030 Trust Plus (August 15, 2011)	0.055	2.32%	16.31%	16.31%	14.32%	6.91%	8.75%	8.94%
Target Retirement 2030 Composite Index ²	—	2.43%	16.28%	16.28%	14.42%	7.11%	8.96%	9.16%
Target Retirement 2025 Trust Plus (August 15, 2011)	0.055	2.03%	14.68%	14.68%	12.89%	5.99%	7.97%	8.21%
Target Retirement 2025 Composite Index ²	—	2.13%	14.65%	14.65%	12.98%	6.17%	8.17%	8.42%
Target Retirement 2020 Trust Plus (August 15, 2011)	0.055	1.66%	12.21%	12.21%	10.84%	4.82%	6.94%	7.31%
Target Retirement 2020 Composite Index ²	—	1.74%	12.22%	12.22%	10.91%	4.98%	7.13%	7.50%
Target Retirement Income Trust Plus (August 15, 2011)	0.055	1.53%	11.35%	11.35%	9.55%	3.85%	5.38%	5.23%
Target Retirement Income Composite Index ²	—	1.61%	11.37%	11.37%	9.62%	3.99%	5.53%	5.36%
Target Retirement Income and Growth Trust Plus (February 17, 2022)	0.055	2.07%	14.96%	14.96%	12.69%	—	—	6.66%
Target Retirement Income and Growth Composite Index ²	—	2.16%	14.87%	14.87%	12.73%	5.95%	7.49%	6.72%

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 higher or lower than the performance data cited. For performance data current to the most recent month-end, visit our website at vanguard.com/performance.

The performance of an index is not an exact representation of any particular investment, as you cannot invest directly in an index.

1 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.



Target Retirement Funds and Trusts 4Q 2025 update



December 31, 2025

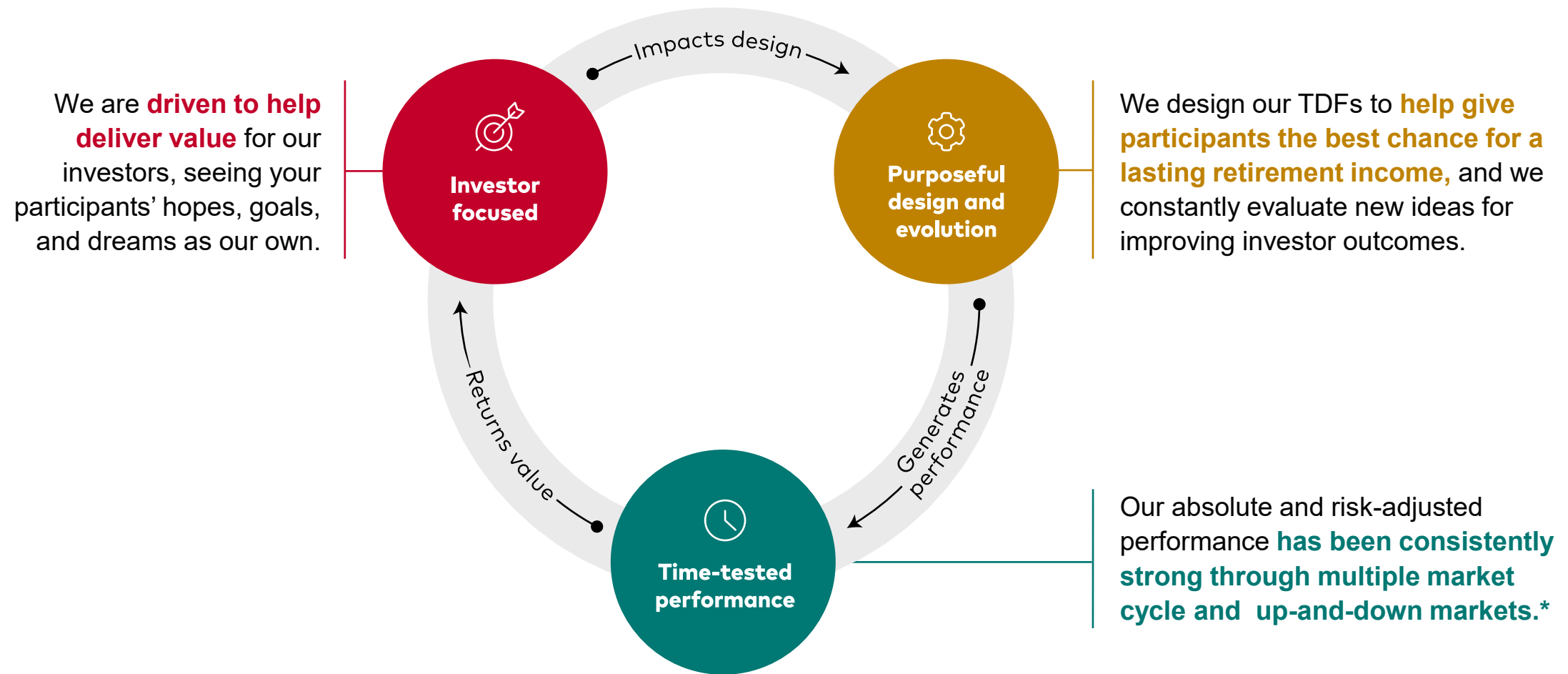
For institutional use only. Not for distribution to retail investors.

Agenda

- Vanguard's strategic differentiators
- TDF industry and market overview
- Performance and attribution overview
- Notable updates
- Oversight and management
- Appendix: Detailed performance

Vanguard's strategic differentiators

Our key TDF components that help power participant success



* Vanguard and Morningstar, Inc., as of December 31, 2025.

For institutional use only. Not for distribution to retail investors.

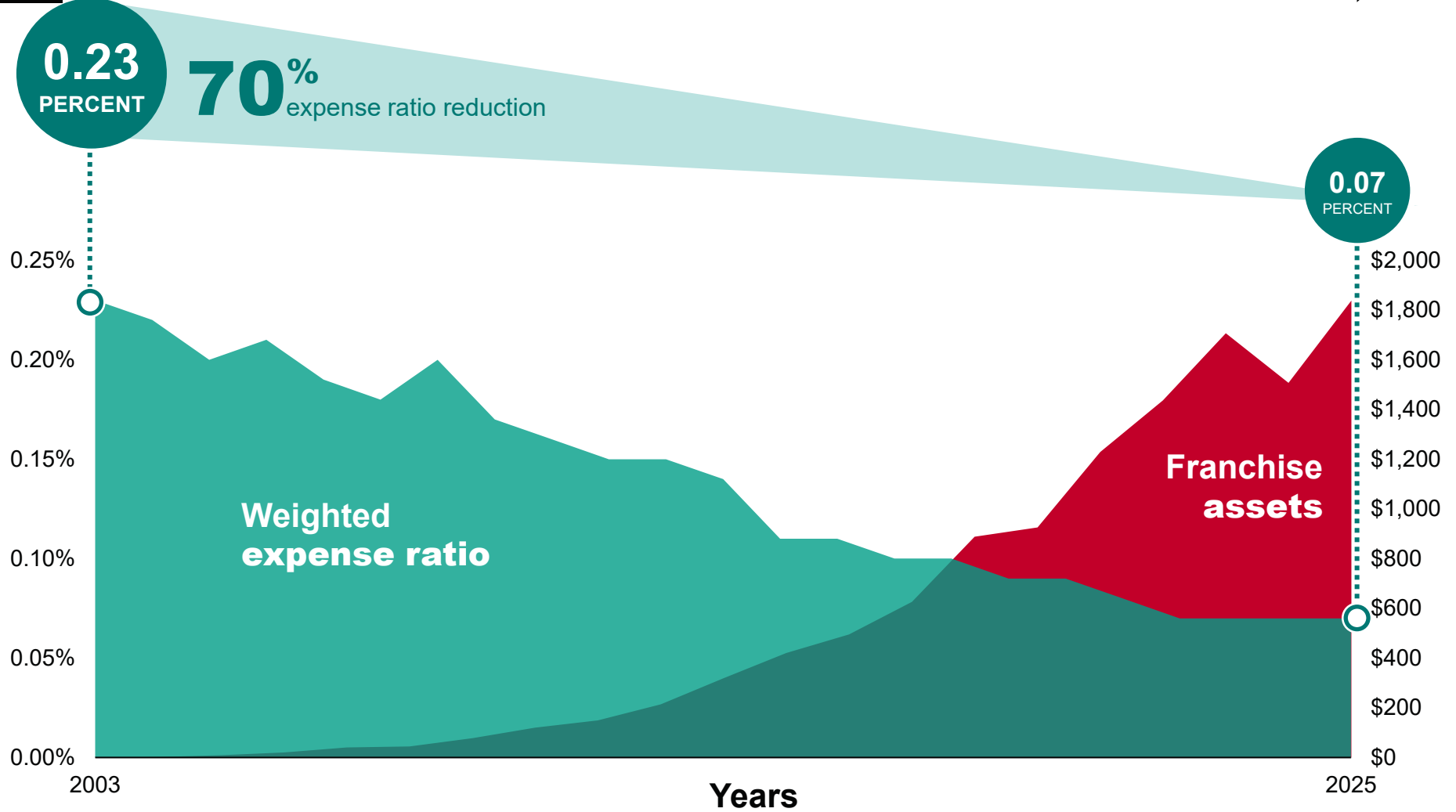


Investor focused

How we return value to you and your participants

Lowering costs is half the equation of returning value, and the other half is reinvesting in the business.

1 WE LOWER COSTS



2 WE REINVEST IN:

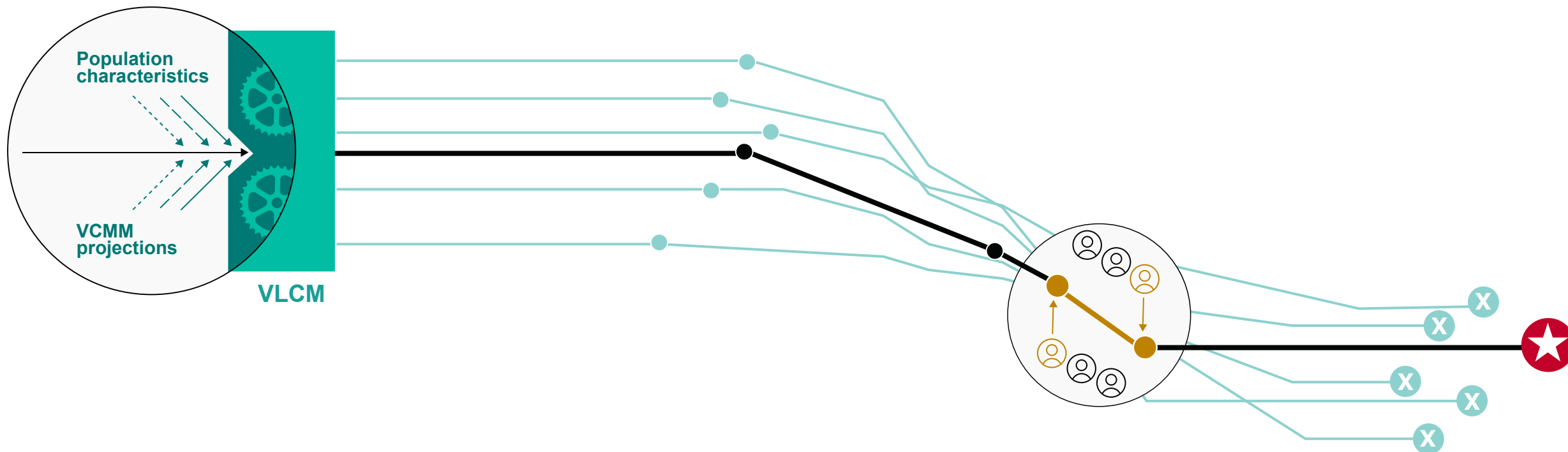
- Products
 - Services
 - Processes
- ... ultimately benefiting participants

Source: Vanguard data from December 31, 2003, to December 31, 2025. Franchise assets include Vanguard Target Retirement Funds and Trusts.





A glide path designed to help improve investor outcomes



Inputs

- Participant population characteristics
- Vanguard Capital Markets Model® (VCMM) asset-class return projections

Constantly evaluated

Due diligence through constant analysis of existing glide path against thousands of simulated glide paths through our Vanguard Life-Cycle Investing Model (VLCM)

Designed for the real world

Practical considerations and observed participant behavior taken into account to meet the needs of real-world TDF investors

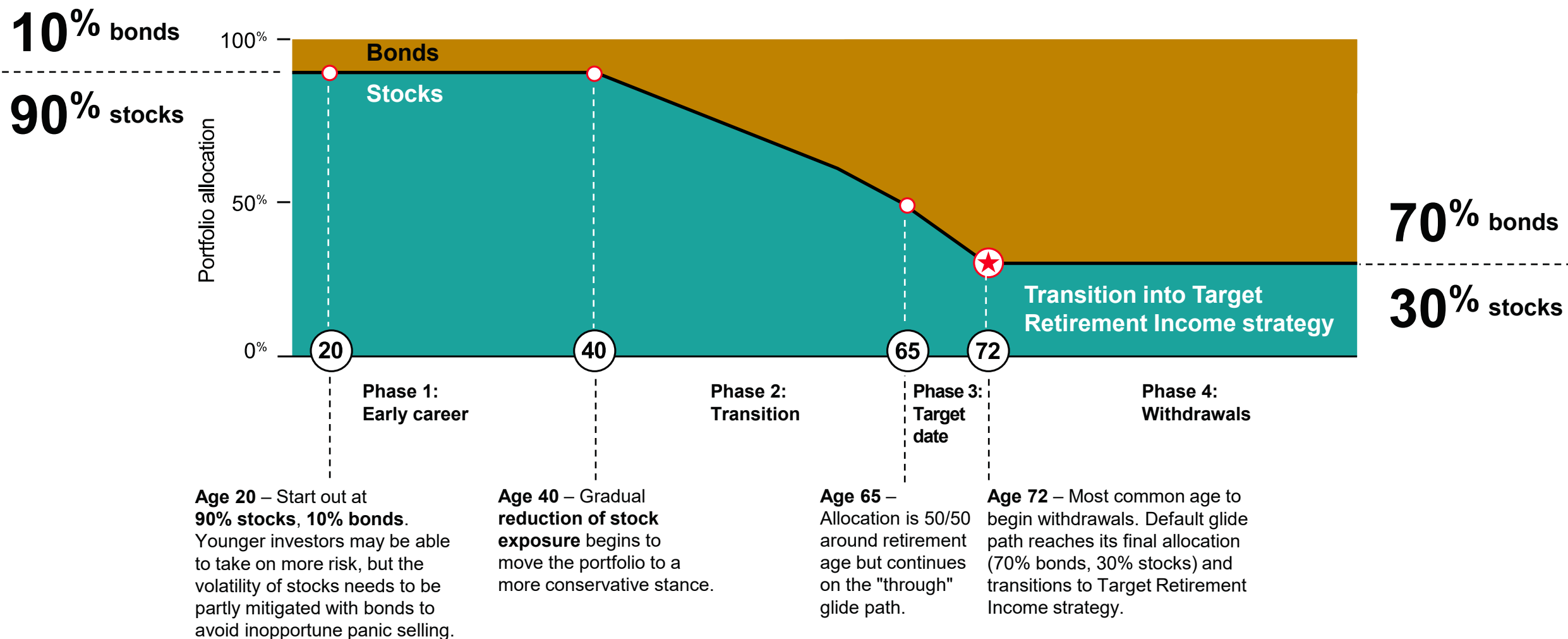
Outputs

- Retirement income sufficiency
- Wealth accumulation
- Portfolio volatility
- Maximum drawdown
- Probability of positive TDF balance at ages 85 and 95

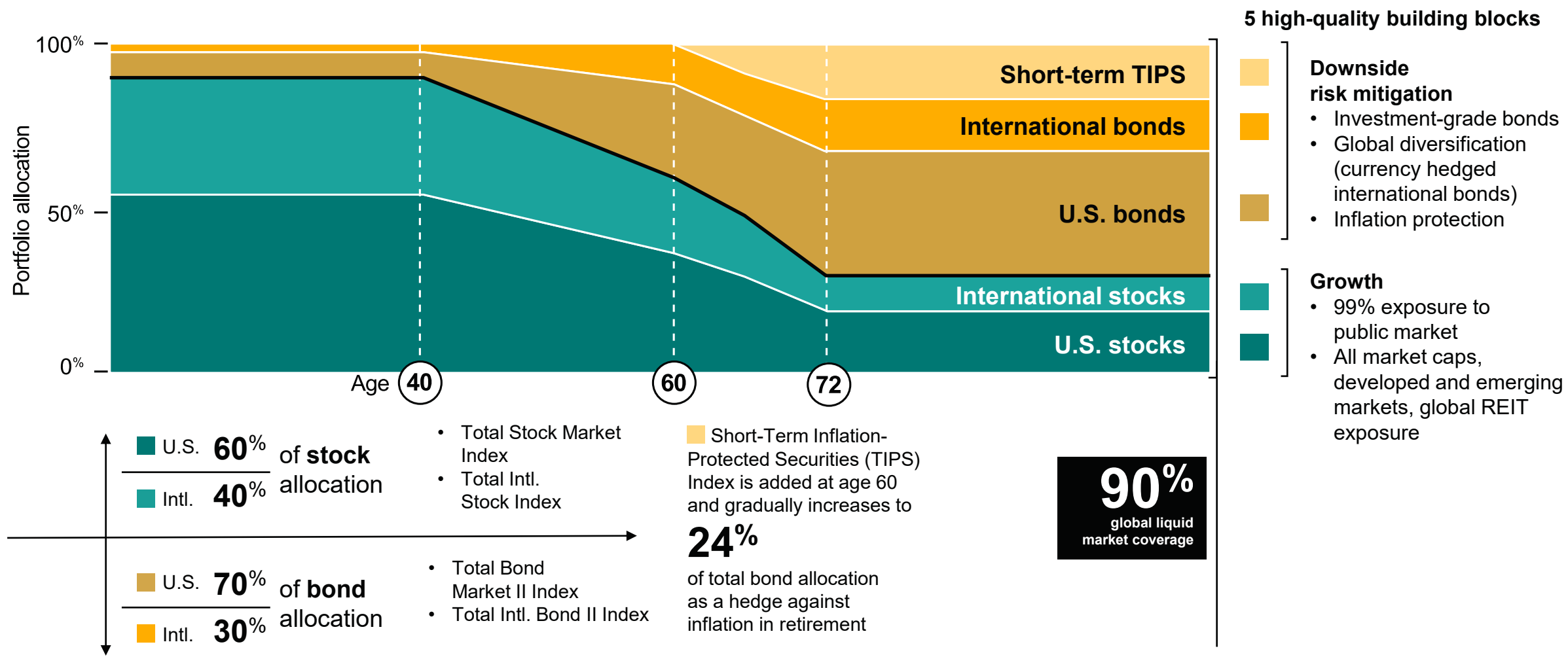


Balancing risk and return at every stage of the investor's life

Glide path determined by time-tested investment principles and behavioral insights



A strategic asset allocation using high-quality building blocks



We deliver depth and breadth

Sources: FactSet, Fidelity, BlackRock. Stock market measured by FactSet data derived from MSCI US Broad Market Free Float and MSCI ACWI ex USA IMI Indexes. Bond market measured by FactSet data derived from Bloomberg Barclays Global Aggregate ex-USD, U.S. Aggregate Float Adjusted, Global High Yield, and EM Hard Currency Aggregate indexes. Commodities market measured by FactSet data. Data as of December 31, 2025.

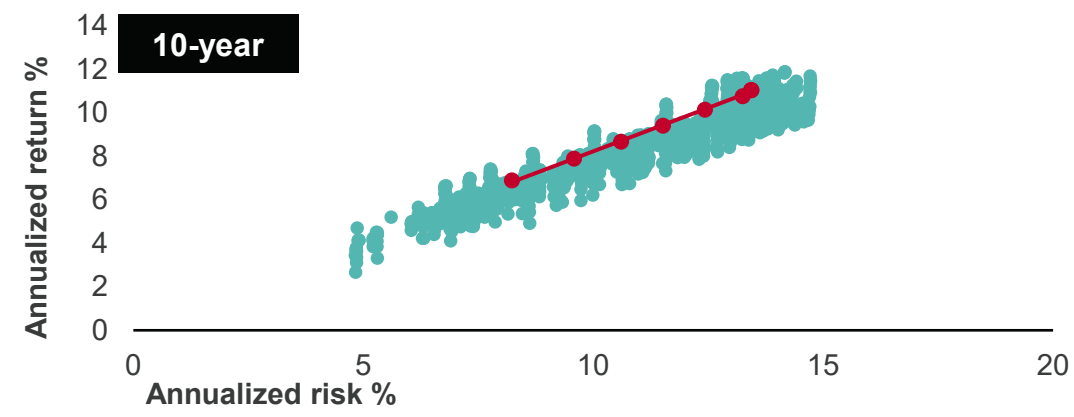
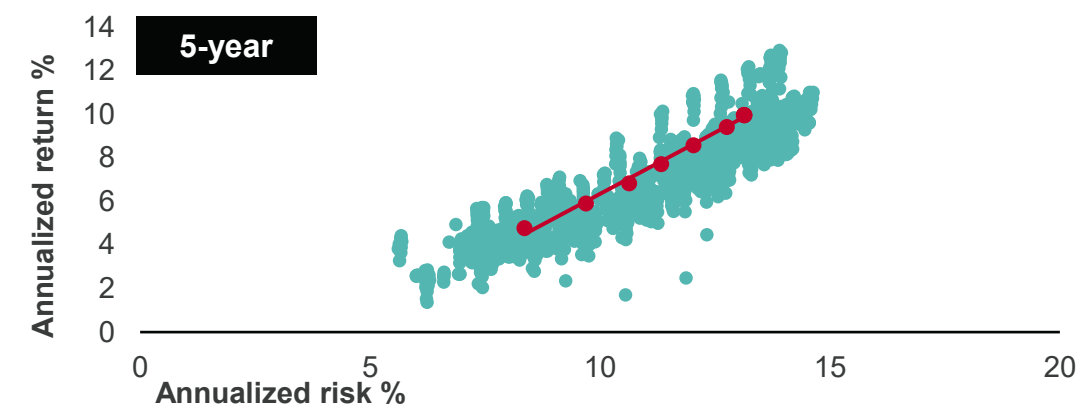
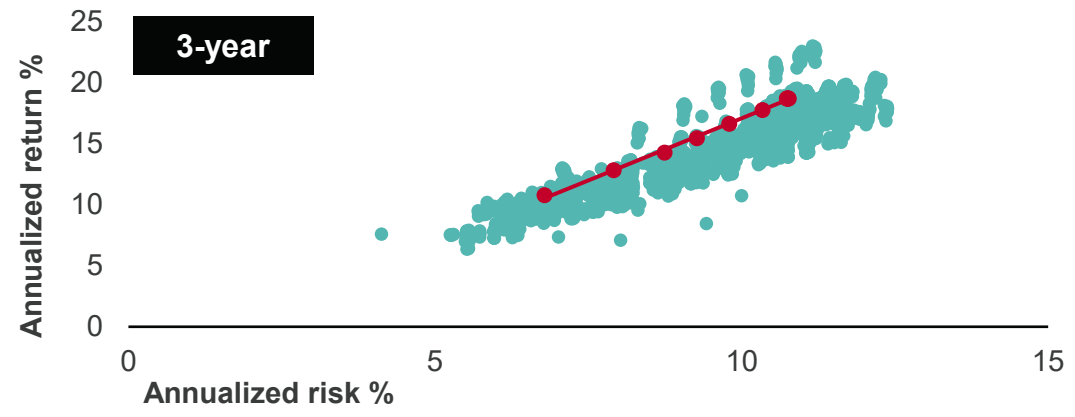
For institutional use only. Not for distribution to retail investors.



A history of consistently strong risk-adjusted performance

Investors may be in TDFs for decades. Consistent performance across all market environments is critical.

● TDF peers in Morningstar universe ● Vanguard Target Retirement Funds



Standard deviation was used for annualized risk. Results will vary for other time periods. All funds in the Morningstar peer group with a minimum 3-, 5-, or 10-year history, respectively, were included in the comparison. There may be other material differences between products that must be considered prior to investing. **Note that the competitive performance data shown represent past performance, which is not a guarantee of future results, and that all investments are subject to risks. 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 the most recent performance, visit our website at vanguard.com/performance.**

Sources: Vanguard and Morningstar, Inc., as of December 31, 2025. Vanguard Investor Shares highlighted.

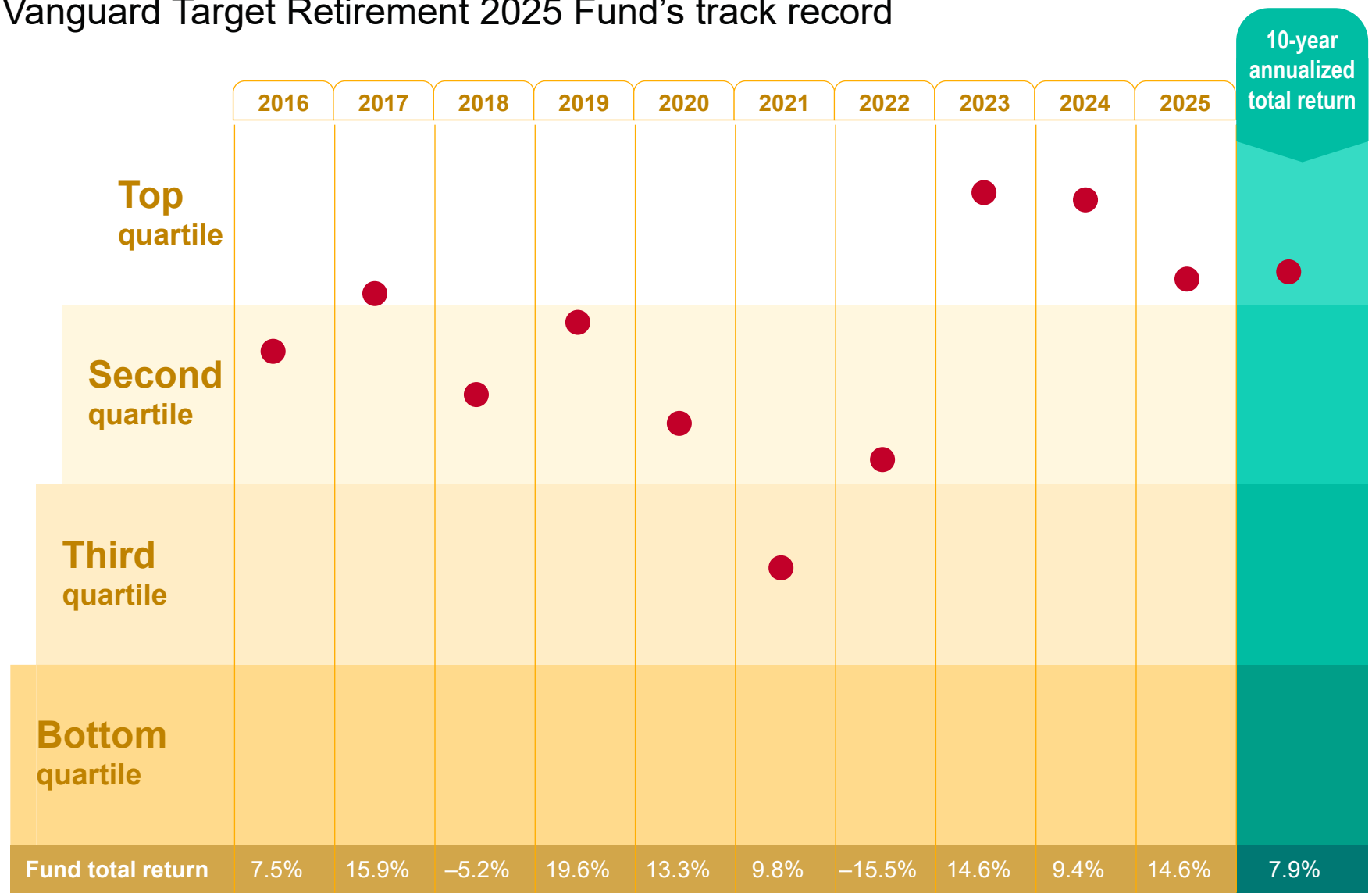




Time-tested performance

Relative consistency can lead to long-term top-quartile performance

Vanguard Target Retirement 2025 Fund's track record



The annual total return of Vanguard Target Retirement 2025 Fund as ranked in its Morningstar™ peer-group is indicated in the years 2015 through 2024. Only funds with a minimum 12-month history are included in the annual peer group results. The number of funds in the annual rankings range from 206 in 2015 to 193 in 2024. Only 107 funds with a minimum 10-year history are included in the 10-year annualized total return result. The Morningstar 2025 peer group was chosen because it is larger and has a longer track record than most other TDF vintage peer groups. See Appendix for Vanguard Target Retirement 2025 Fund's 1-, 5-, and 10-year performance data as of December 31, 2025.

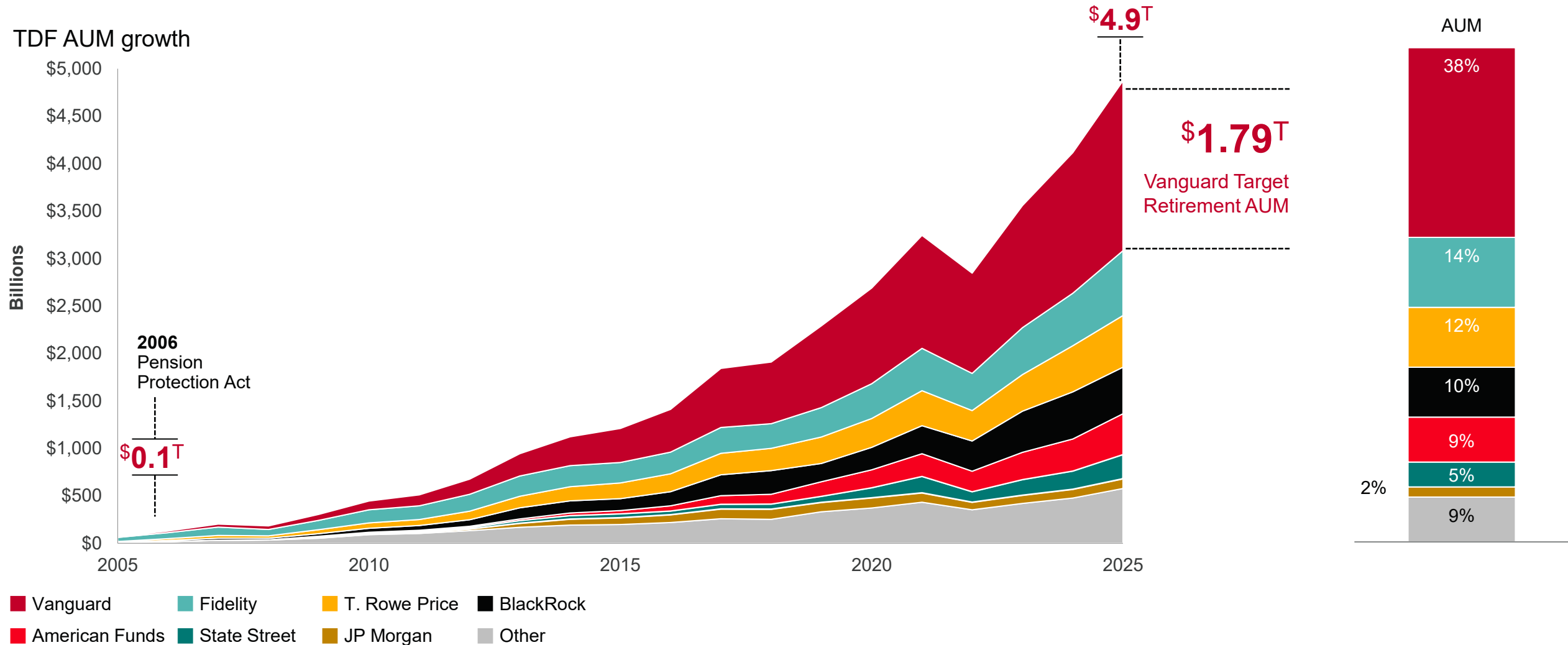
Sources: Vanguard and Morningstar, Inc., as of December 31, 2025.

Note that the competitive performance data shown represent past performance, which is not a guarantee of future results, and that all investments are subject to risks. For the most recent performance, visit our website at vanguard.com/performance. There may be other material differences between products that must be considered before investing.



TDF industry and market overview

Vanguard continues to lead the TDF industry



Sources: TDF assets are based on data from Vanguard, Morningstar, and company public filings, as of December 31, 2025.

For institutional use only. Not for distribution to retail investors.

Market environment

Ranking by returns (%)

2021	2022	2023	2024	2025	1Q 2025	2Q 2025	3Q 2025	4Q 2025
REIT 43.1	COM 16.1	CRSP 26.0	CRSP 23.8	FTSE 32.0	COM 8.9	FTSE 12.4	CRSP 8.2	COM 5.9
COM 27.1	CASH 1.5	FTSE 15.8	REIT 8.8	CRSP 17.2	FTSE 4.6	CRSP 11.0	FTSE 7.1	FTSE 4.9
CRSP 25.7	STPS -2.7	REIT 13.7	HYB 8.2	COM 15.8	STPS 3.0	HYB 3.5	REIT 4.8	EMB 2.8
FTSE 8.8	HYB -11.2	HYB 13.4	EMB 5.9	EMB 13.1	AGG 2.8	EMB 3.2	EMB 4.3	CRSP 2.5
STPS 5.3	IAGG -12.7	EMB 10.5	FTSE 5.5	HYB 8.6	EMB 2.2	IAGG 2.0	COM 3.7	HYB 1.3
HYB 5.3	AGG -13.0	IAGG 8.8	CASH 5.5	AGG 7.3	CASH 1.1	AGG 1.2	HYB 2.5	AGG 1.1
CASH 0.1	FTSE -16.1	AGG 5.5	COM 5.4	STPS 6.1	REIT 1.1	CASH 1.1	AGG 2.0	CASH 1.0
AGG -1.5	EMB -17.1	CASH 5.3	STPS 5.0	CASH 4.4	HYB 1.0	STPS 1.0	STPS 1.6	IAGG 0.5
EMB -1.8	CRSP -19.5	STPS 4.5	IAGG 3.8	IAGG 3.0	IAGG -0.1	REIT -1.1	CASH 1.1	STPS 0.4
IAGG -2.1	REIT -24.5	COM -7.9	AGG 1.3	REIT 3.0	CRSP -4.8	COM -3.1	IAGG 0.7	REIT -1.7

Benchmark performance

		Average annualized return				
Target Retirement Fund building blocks		3 months	1 year	3 years	5 years	10 years
CRSP	CRSP U.S. Total Market Index	2.45	17.15	22.24	13.08	14.25
FTSE	FTSE Global All Cap ex U.S. Index	4.85	31.95	17.26	8.04	8.56
AGG	Bloomberg U.S. Aggregate Bond Index	1.10	7.30	4.66	-0.36	2.01
IAGG	Bloomberg Global Agg ex U.S. Float Adj RIC Cap Index (Hedged)	0.48	3.03	5.16	-0.12	2.25
STPS	Bloomberg U.S. 0-5 Year TIPS Index	0.39	6.07	5.11	3.54	3.18
Other indexes						
CASH	3-Month T-Bill	1.02	4.40	5.03	3.30	2.22
HYB	Bloomberg U.S. Corporate High Yield Index	1.31	8.62	10.06	4.51	6.53
EMB	Bloomberg USD Emerging Markets Gov RIC Cap Index	2.84	13.11	9.79	1.51	4.21
REIT	MSCI U.S. REIT Index	-1.69	2.95	8.39	6.58	5.71
COM	Bloomberg Commodity Index	5.85	15.77	3.96	10.64	5.73

Past performance is no guarantee of future returns. The performance of an index is not an exact representation of any particular investment, as you cannot invest directly in an index.

Sources: Vanguard, Bloomberg Live, and Morningstar, as of December 31, 2025.

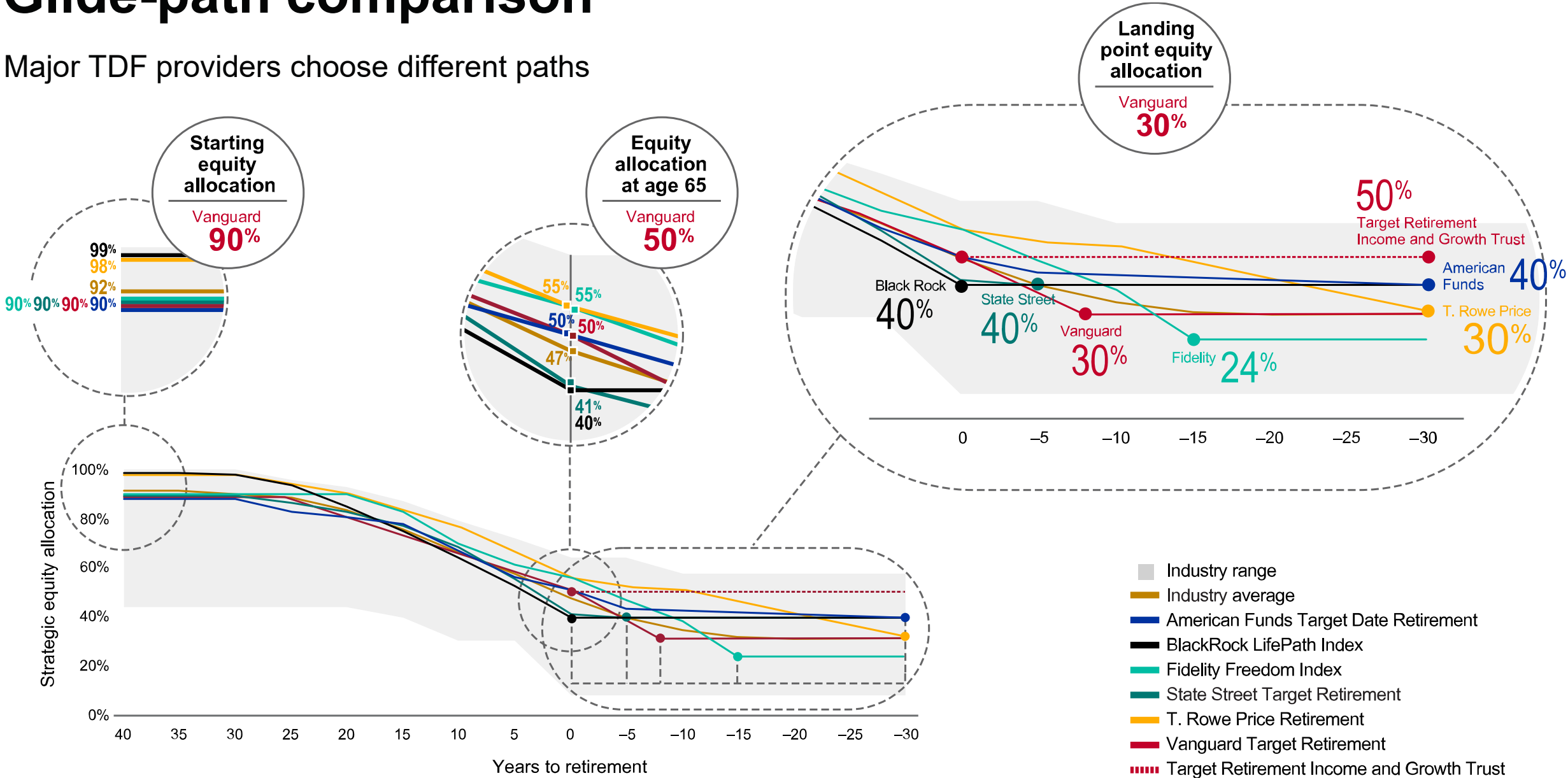
Note: Beginning 3Q 2021, the benchmark shown for the EMB category changed from Bloomberg Emerging Markets Sovereign Index USD to Bloomberg USD Emerging Markets Gov RIC Cap Index.

For institutional use only. Not for distribution to retail investors.



Glide-path comparison

Major TDF providers choose different paths



*Vanguard Target Retirement Funds and Trusts reach a 30% equity allocation via Target Retirement Income Fund or Trust. Alternatively, participants can maintain a 50% equity allocation by switching to Vanguard Target Retirement Income and Growth Trust.

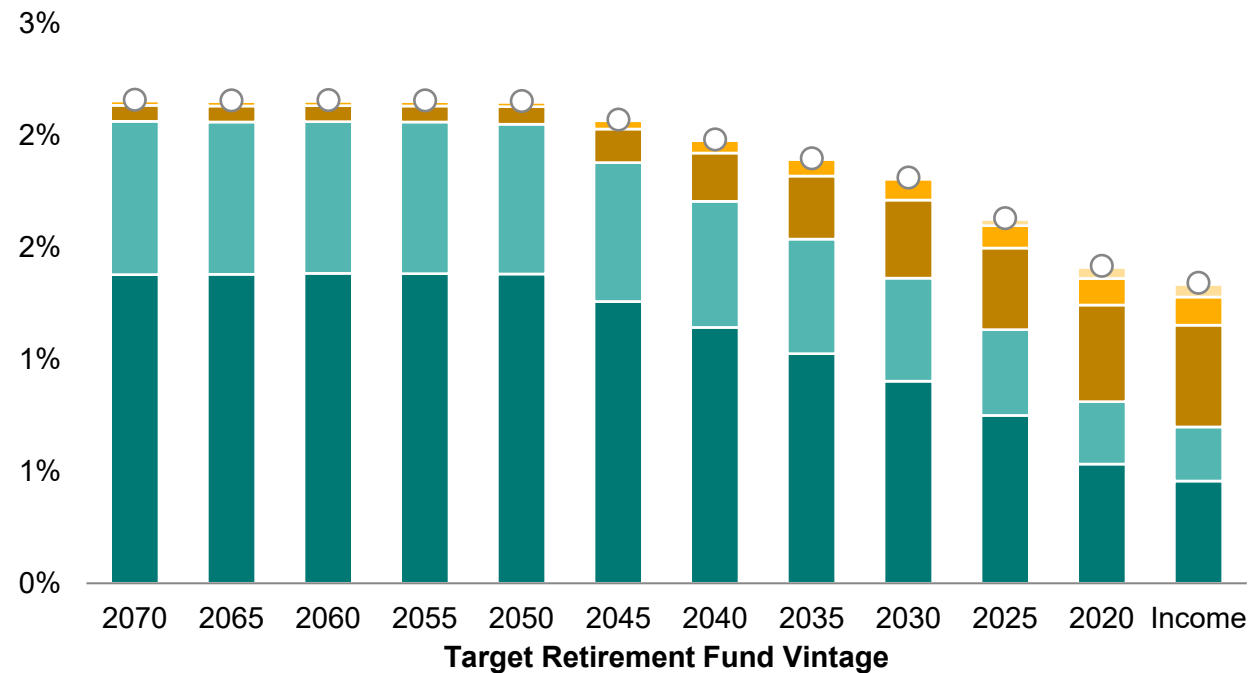
Sources: Vanguard and competitor websites; data as of December 31, 2025; Vanguard calculation for industry average.

For institutional use only. Not for distribution to retail investors.

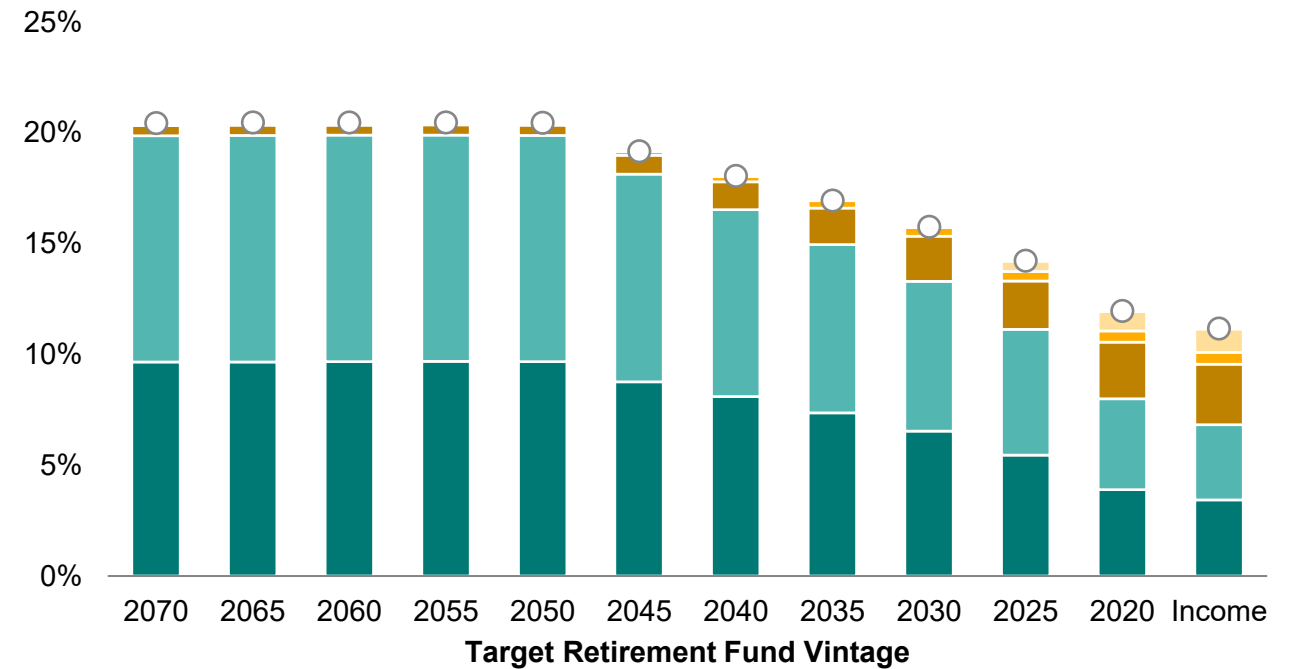
Performance and attribution overview

Absolute return contribution

3-month return contribution



12-month return contribution



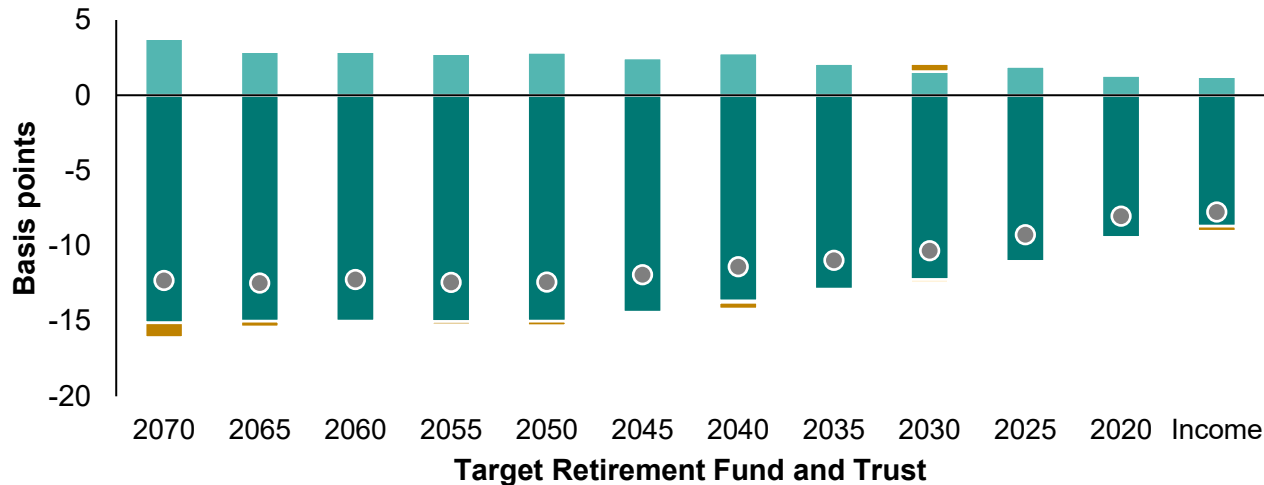
- Total Stock Market Index
- Total International Stock Index
- Total return
- Total Bond Market II Index
- Total International Bond II Index
- Short-Term Inflation-Protected Securities Index

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.

Sources: Vanguard and Morningstar, as of December 31, 2025.

Benchmark relative return attribution

3-month return attribution



- **Allocation impact**

Out/underperformance due to differences in the strategic asset allocation of the funds versus their benchmarks. These differences can be particularly notable at times of significant market volatility as portfolio managers work to balance transaction costs against a daily rebalanced benchmark.
- **Fair-value pricing**

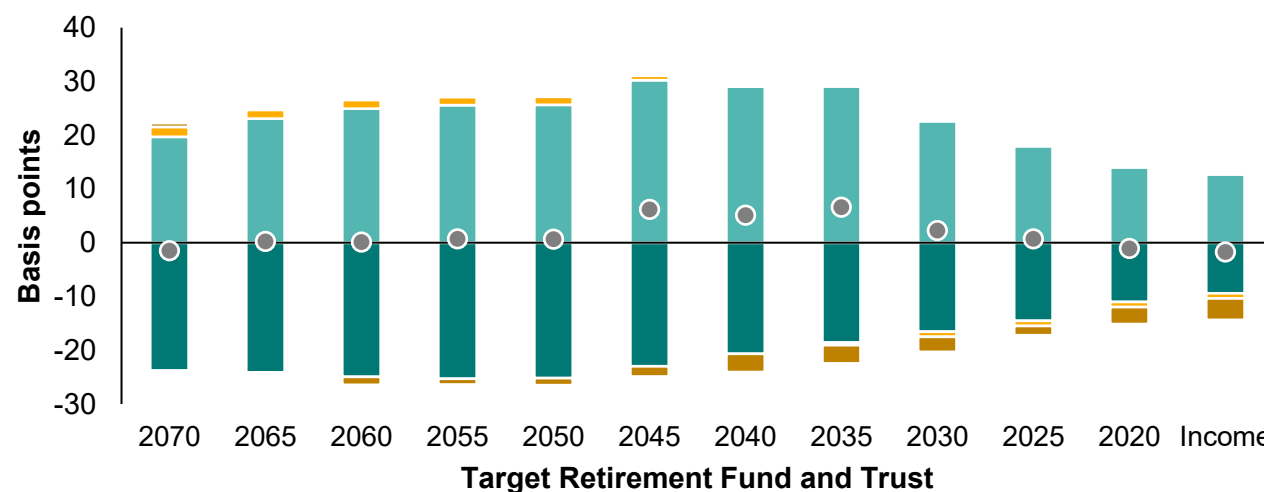
Out/underperformance due to the adjustment of the prices of non-U.S. equities for changes in their fair value that occur after the close of their local market but before the net asset value is calculated for each U.S. mutual fund as of 4 p.m., Eastern time. This impact is attributed to accounting and pricing policies that are outside of portfolio management control and is generally artificial and temporary.
- **Underlying fund tracking differences ex-FV**

Out/underperformance of the underlying portfolios versus their relative benchmarks. Figure is shown after controlling for fair-value pricing but is inclusive of the securities-lending impact, transaction costs associated with rebalancing the fund-of-funds portfolio, and pricing difference driven by Bloomberg (BB) indexes pricing at 4 p.m., Eastern time.*
- **Residual**

Out/underperformance due to factors outside of those captured above.
- **Gross positive/negative return**

Indicates the total amount of fund returns that were higher or lower than benchmark returns. Calculated as the sum of the individual impacts of each of the five above drivers of benchmark-related excess return. Effect of expense ratios not included.

12-month return attribution



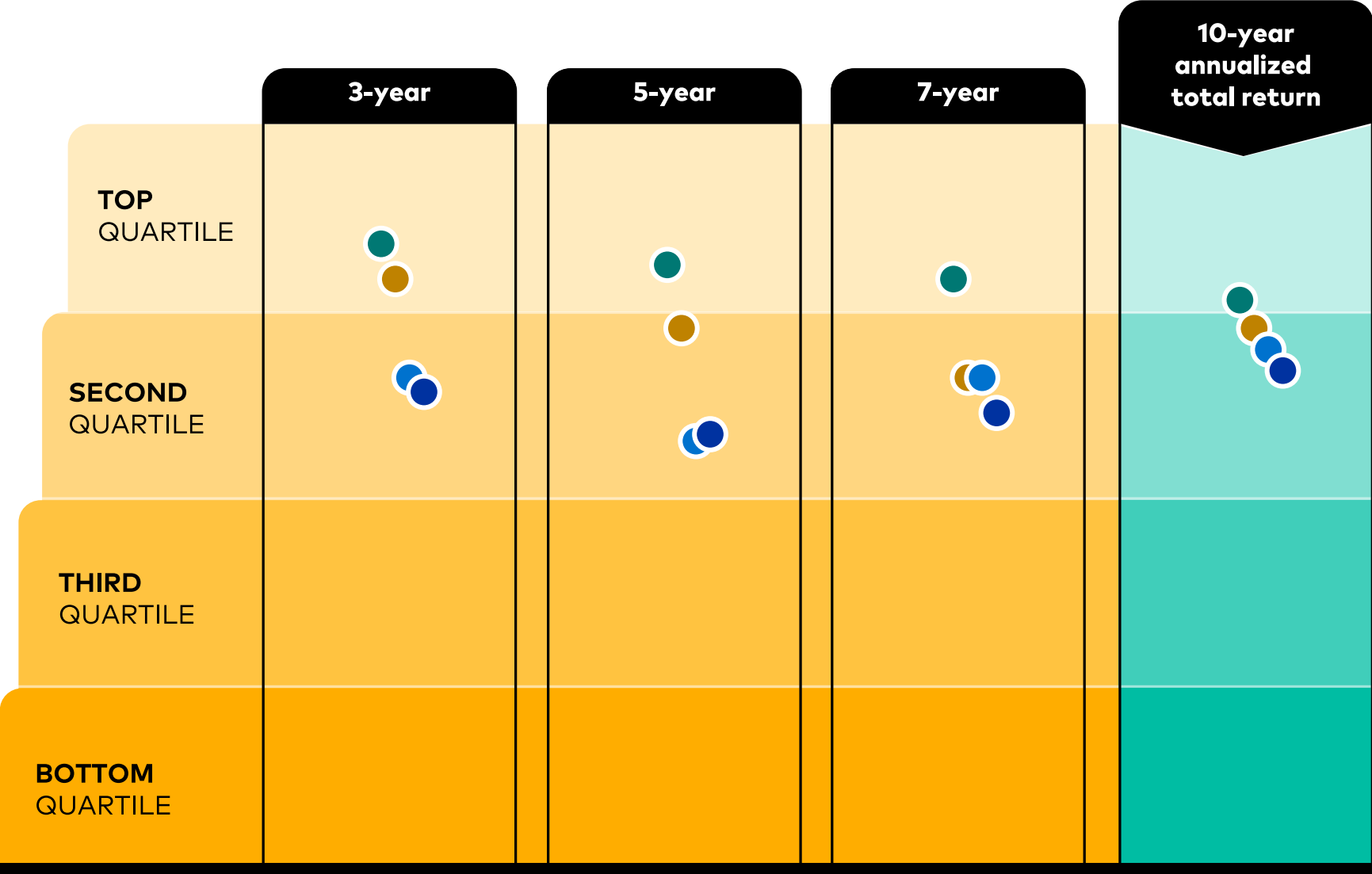
The performance data shown represent past performance, which is not a guarantee of future results. Investment returns and principal value will fluctuate, so investors' shares, when sold, may be worth more or less than their original cost. Current performance may be lower or higher than the performance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

Sources: Vanguard and Morningstar, as of December 31, 2025. See Disclosures slide for composition of composite benchmarks.

* On January 14, 2021, Bloomberg changed its index pricing time from 3 p.m., Eastern time, to 4 p.m., Eastern time. The time change affects the three-year figures.

Strong long-term performance relative to peer group

Vanguard Target Retirement Fund vintages' track record



● 2025 ● 2035 ● 2045 ● 2055

The annualized total return of select Vanguard Target Retirement Fund as ranked in its Morningstar™ peer group is indicated in the 3-, 5-, 7- and 10-year time periods. The number of funds in the annual rankings range from 103 to 127 for 2025; 140 to 180 for 2035; 140 to 175 for 2045; 85 to 175 for 2055. Only investments with a minimum 10-year history are included in the 10-year annualized total return result. See Appendix for Vanguard Target Retirement Fund's performance data as of December 31, 2025.

Sources: Vanguard and Morningstar, Inc., as of December 31, 2025.

Note that the competitive performance data shown represent past performance, which is not a guarantee of future results, and that all investments are subject to risks. For the most recent performance, visit our website at vanguard.com/performance. There may be other material differences between products that must be considered before investing.

Notable updates

Target-date strategies with embedded guaranteed income

A combination of trends is driving greater interest among DC plan sponsors for guaranteed-income solutions embedded within a TDF. These trends include a growing population of retirees, longer life expectancies, the decline of DB plans, and expanded regulatory support through legislation, such as the SECURE Act.

This quarter, we explore how Target Retirement Lifetime Income Trusts address the growing interest in embedded guaranteed-income solutions, explain the role that these products can play in achieving sustainable income in retirement, and detail how our design—built on the foundational principles of simplicity, balance, flexibility, and trust—can help participants transition from saving to spending with confidence.

[View full article](#)

Key takeaways



Delivering for our investors in 2025

Absolute returns were strong across the glide path, ranging from 11.3% (Income) to 21.4% (2070). These results placed nearly all vintages in the top quartile of their respective peer group and outpaced the results of nearly all our major competitors. Benchmark-relative performance also aligned well with expectations, supported by enhancements to the Target Retirement rebalancing policies implemented at the end of 2024.



Our commitment to purposeful evolution

While we have conviction in our existing index-based Target Retirement Funds and Trusts as a strong QDIA option for many plans, we are exploring new target-date series that build on the strengths of our current offering in order to meet the evolving needs of the DC landscape.



Introducing Vanguard Target Retirement Lifetime Income

Vanguard's "TRLIT" offer is the latest example of the purposeful evolution of our Target Date franchise. They answer the growing demand of plan sponsors for a guaranteed-income option within the QDIA solution that is directly linked to a trusted target-date series. Comprehensive materials have been developed, with additional resources coming in the months ahead!

Past performance is no guarantee of future returns. The performance of an index is not an exact representation of any particular investment, as you cannot invest directly in an index.
Source: Vanguard, as of December 31, 2025.

For institutional use only. Not for distribution to retail investors.

Committed to ongoing research and thought leadership

Current research priorities

Glidepath and asset allocation topics
(equity weights, fixed income, inflation hedging)

Hybrid annuity target-date funds

Private asset class inclusion

Higher equity growth TDF series

Vanguard viewpoints

- TDF glide-path essentials: Evaluating fixed income exposure
4Q 2025
- Mitigating the impact of life events on retirement readiness
3Q 2025
- The case for international equities in target-date funds
2Q 2025
- TDF glide-path essentials: Setting the right starting point
1Q 2025

Research papers

- Retirement income strategies: Best practices for plan sponsors
DECEMBER 2025
- Portfolio rebalancing: Navigating volatility in Vanguard Target Retirement Funds
AUGUST 2025
- *How America Retires 2025*
NOVEMBER 2025
- Vanguard's Life-Cycle Investing Model (VLCM): A general portfolio framework for goals-based investing
MAY 2025
- From theory to practice: Guaranteed income and hybrid annuity target-date funds
JUNE 2024



[View full library](#)

Oversight and management

Dedicated expertise at every step of the process

From analyst to CEO, an extensive group of dedicated professionals strive to maximize participants' chances for retirement success

GLOBAL INVESTMENT COMMITTEE (GIC)

- Primary governance committee for all Vanguard products composed of global business leaders, including Vanguard's CEO
- Considers and approves investment matters pertaining to all Vanguard products and provides organizational direction on strategic fund/investment initiatives



STRATEGIC ASSET ALLOCATION COMMITTEE (SAAC)

- Multiasset governance committee composed of global investment leaders, including Vanguard's global CIO and chief economist
- Regularly reviews investment methodology, considers and approves investment strategies, and ensures a consistent approach across product and advice offers



PRODUCT MANAGEMENT

INVESTMENT MANAGEMENT

RISK MANAGEMENT

<p>Multi-Asset Solutions Team Portfolio Review Department</p> <ul style="list-style-type: none"> • Fund health and product oversight • Product research and new product development • Competitive analysis and landscape assessment 	<p>Multi-Asset Portfolio Management Team Investment Management Group</p> <ul style="list-style-type: none"> • Daily implementation of the strategic asset allocation • Portfolio rebalance policy execution • Daily cash-flow management 	<p>Portfolio Construction Team Investment Strategy Group</p> <ul style="list-style-type: none"> • Vanguard investment model development and maintenance • Strategic asset allocation methodology • Sub-asset allocation and portfolio construction research 	<p>Multi-Asset Risk Team Investment Management and Finance Risk</p> <ul style="list-style-type: none"> • Investment and operational risk monitoring/analysis • Ensure adherence to relevant policies/guardrails • Risk and performance assessments
<p> Brian Wimmer Head of Multi-Asset Solutions</p>	<p> Michael Roach Head of Multi-Asset Portfolio Management</p>	<p> Roger Aliaga-Díaz Chief Economist (Americas) and Global Head of Portfolio Construction</p>	<p> Ranga Narayanan Head of Multi-Asset Investment Risk</p>

Co-portfolio manager, Target Retirement Funds and Trusts

About the SAAC

The Vanguard Strategic Asset Allocation Committee (SAAC) is a multiasset oversight committee composed of global investment leaders from across the firm.

The members of the SAAC are responsible for the investment methodology behind our single-fund solutions, including Vanguard LifeStrategy® Funds, Target Retirement Funds, 529 plans, and model portfolios.

The SAAC meets regularly to review its investment methodology, debate investment strategies, and coordinate any changes with Vanguard's Advice Policy Committee, thereby ensuring a consistent approach in our single-fund solutions and advice offers.



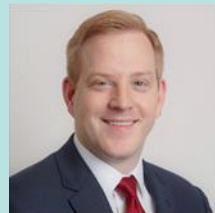
Joseph Davis, Ph.D., (Committee Chair)
Global Chief Economist and Global Head of Investment Strategy Group
Roger Aliaga-Díaz, Ph.D., (Committee Vice-chair)
Chief Economist, Americas, Global Head of Portfolio Construction
Greg Davis, CFA, Global Chief Investment Officer (Ex-Officio)



Sujatha Srinivasan, Global Head of IMG Risk Management
Geoff Parrish, CFA, Principal, Global Head of Fixed Income Indexing (New Member)
Duncan Burns, CFA, Head of Investments, Asia-Pacific, and of Investment Strategy Group, Asia-Pacific



Matthew Brancato, CFA, CPA, Chief Client Officer, Workplace Solutions
Qian Wang, Ph.D., Chief Economist, Asia-Pacific, Investment Strategy Group
Dan Reyes, CFA, Head of Portfolio Review Department



Brian Wimmer, CFA, Head of Multi-Asset Solutions (nonvoting member)
Joel Dickson, Ph.D., Head of Enterprise Advice Methodology
Michael Roach, CFA, Senior Manager, Head of Multi-Asset Portfolio



Timothy Smart, Chief of Staff, Investment Strategy Group (Nonvoting Member)

Source: Vanguard.

For institutional use only. Not for distribution to retail investors.



Questions?



Thank you
for your time
and continued
confidence.

Appendix: Detailed performance

Vanguard Target Retirement Fund and Trust performance

Annualized (as of December 31, 2025)

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
Vanguard Target Retirement Income and Growth Trust II								
Trust II	0.08	2.09	14.93	12.66	—	—	6.26	1/21/2022
Target Retirement Income and Growth Composite Index	—	2.16	14.87	12.73	5.95	7.49	—	—
Vanguard Target Retirement Income Vintage								
Fund	0.08	1.55	11.31	9.52	3.82	5.33	5.23	10/27/2003
Trust II	0.075	1.54	11.33	9.53	3.84	5.36	5.05	2/29/2008
Target Retirement Income Composite Index ¹	—	1.61	11.37	9.62	3.99	5.53	—	—
Vanguard Target Retirement 2020 Vintage								
Fund	0.08	1.63	12.15	10.78	4.77	6.87	6.31	6/7/2006
Trust II	0.075	1.66	12.20	10.81	4.81	6.92	6.24	2/29/2008
Target Retirement 2020 Composite Index ¹	—	1.74	12.22	10.91	4.98	7.13	—	—
Vanguard Target Retirement 2025 Vintage								
Fund	0.08	2.00	14.60	12.84	5.90	7.87	7.01	10/27/2003
Trust II	0.075	2.03	14.67	12.87	5.97	7.95	6.84	2/29/2008
Target Retirement 2025 Composite Index ¹	—	2.13	14.65	12.98	6.17	8.17	—	—

The performance data shown represent past performance. Past performance is no 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. Some funds assess purchase, redemption, and/or account maintenance fees. The performance data shown do not reflect deduction of these fees. If they did, performance would be lower. Details on these fees and adjusted performance figures can be found in the fund detail section. The performance of an index is not an exact representation of any particular investment, as you cannot invest directly in an index.

Source: Data derived from Morningstar, Inc.

For some funds, fees are levied on purchases or redemptions to offset the costs of buying and selling portfolio securities. For others, fees are assessed on redemptions made within certain time periods after a purchase to discourage short-term trading. All purchase or redemption fees are paid directly to the fund to compensate long-term shareholders for the costs of trading activity. *Note that one-year performance figures are not fee adjusted for fees incurred on shares held less than one year.*

¹ A blended composite that weights the returns of market indexes for each asset class in proportion with the target weighting of the fund. Detail for each composite index is available upon request.

Vanguard Target Retirement Fund and Trust performance

Annualized (as of December 31, 2025)

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
Vanguard Target Retirement 2030 Vintage								
Fund	0.08	2.30	16.24	14.27	6.83	8.66	7.25	6/7/2006
Trust II	0.075	2.31	16.31	14.30	6.89	8.72	7.28	2/29/2008
Target Retirement 2030 Composite Index ¹	—	2.43	16.28	14.42	7.11	8.96	—	—
Vanguard Target Retirement 2035 Vintage								
Fund	0.08	2.49	17.54	15.46	7.71	9.40	7.96	10/27/2003
Trust II	0.075	2.50	17.58	15.47	7.76	9.47	7.77	2/29/2008
Target Retirement 2035 Composite Index ¹	—	2.62	17.54	15.59	7.97	9.69	—	—
Vanguard Target Retirement 2040 Vintage								
Fund	0.08	2.69	18.76	16.63	8.57	10.13	8.07	6/7/2006
Trust II	0.075	2.69	18.84	16.64	8.61	10.19	8.24	2/29/2008
Target Retirement 2040 Composite Index ¹	—	2.81	18.77	16.76	8.82	10.42	—	—
Vanguard Target Retirement 2045 Vintage								
Fund	0.08	2.87	19.99	17.76	9.41	10.74	8.75	10/27/2003
Trust II	0.075	2.86	20.06	17.77	9.45	10.79	8.55	2/29/2008
Target Retirement 2045 Composite Index ¹	—	3.00	20.00	17.92	9.67	11.03	—	—

Past performance is not a guarantee of future results.

Source: Data derived from Morningstar, Inc.

For some funds, fees are levied on purchases or redemptions to offset the costs of buying and selling portfolio securities. For others, fees are assessed on redemptions made within certain time periods after a purchase to discourage short-term trading. All purchase or redemption fees are paid directly to the fund to compensate long-term shareholders for the costs of trading activity. *Note that one-year performance figures are not fee-adjusted for fees incurred on shares held less than one year.*

¹ A blended composite that weights the returns of market indexes for each asset class in proportion with the target weighting of the fund. Detail for each composite index is available upon request.

For institutional use only. Not for distribution to retail investors.

Vanguard Target Retirement Fund and Trust performance

Annualized (as of December 31, 2025)

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
Vanguard Target Retirement 2050 Vintage								
Fund	0.08	3.05	21.41	18.70	9.95	11.02	8.54	6/7/2006
Trust II	0.075	3.04	21.47	18.75	10.02	11.09	8.73	2/29/2008
Target Retirement 2050 Composite Index ¹	—	3.19	21.47	18.92	10.24	11.34	—	—
Vanguard Target Retirement 2055 Vintage								
Fund	0.08	3.06	21.43	18.71	9.96	11.02	10.81	8/18/2010
Trust II	0.075	3.06	21.50	18.75	10.02	11.09	11.14	8/31/2010
Target Retirement 2055 Composite Index ¹	—	3.21	21.49	18.93	10.25	11.34	—	—
Vanguard Target Retirement 2060 Vintage								
Fund	0.08	3.06	21.42	18.71	9.96	11.02	10.69	1/19/2012
Trust II	0.075	3.06	21.53	18.76	10.03	11.10	10.45	3/1/2012
Target Retirement 2060 Composite Index ¹	—	3.21	21.49	18.93	10.25	11.34	—	—

Past performance is not a guarantee of future results.

Source: Data derived from Morningstar, Inc.

For some funds, fees are levied on purchases or redemptions to offset the costs of buying and selling portfolio securities. For others, fees are assessed on redemptions made within certain time periods after a purchase to discourage short-term trading. All purchase or redemption fees are paid directly to the fund to compensate long-term shareholders for the costs of trading activity. *Note that one-year performance figures are not fee-adjusted for fees incurred on shares held less than one year.*

¹ A blended composite that weights the returns of market indexes for each asset class in proportion with the target weighting of the fund. Detail for each composite index is available upon request.

For institutional use only. Not for distribution to retail investors.

Vanguard Target Retirement Fund and Trust performance

Annualized (as of December 31, 2025)

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
Vanguard Target Retirement 2065 Vintage								
Fund	0.08	3.07	21.43	18.70	9.98	—	10.62	7/12/2017
Trust II	0.075	3.05	21.50	18.74	10.02	—	11.10	7/17/2017
Target Retirement 2065 Composite Index ¹	—	3.21	21.49	18.93	10.25	11.34	—	—
Vanguard Target Retirement 2070 Vintage								
Fund	0.08	3.07	21.42	18.71	—	—	16.13	6/8/2022
Trust II	0.075	3.05	21.50	18.75	—	—	11.19	4/7/2022
Target Retirement 2070 Composite Index ¹	—	3.21	21.49	18.93	10.25	11.34	—	—

Past performance is not a guarantee of future results.

Source: Data derived from Morningstar, Inc.

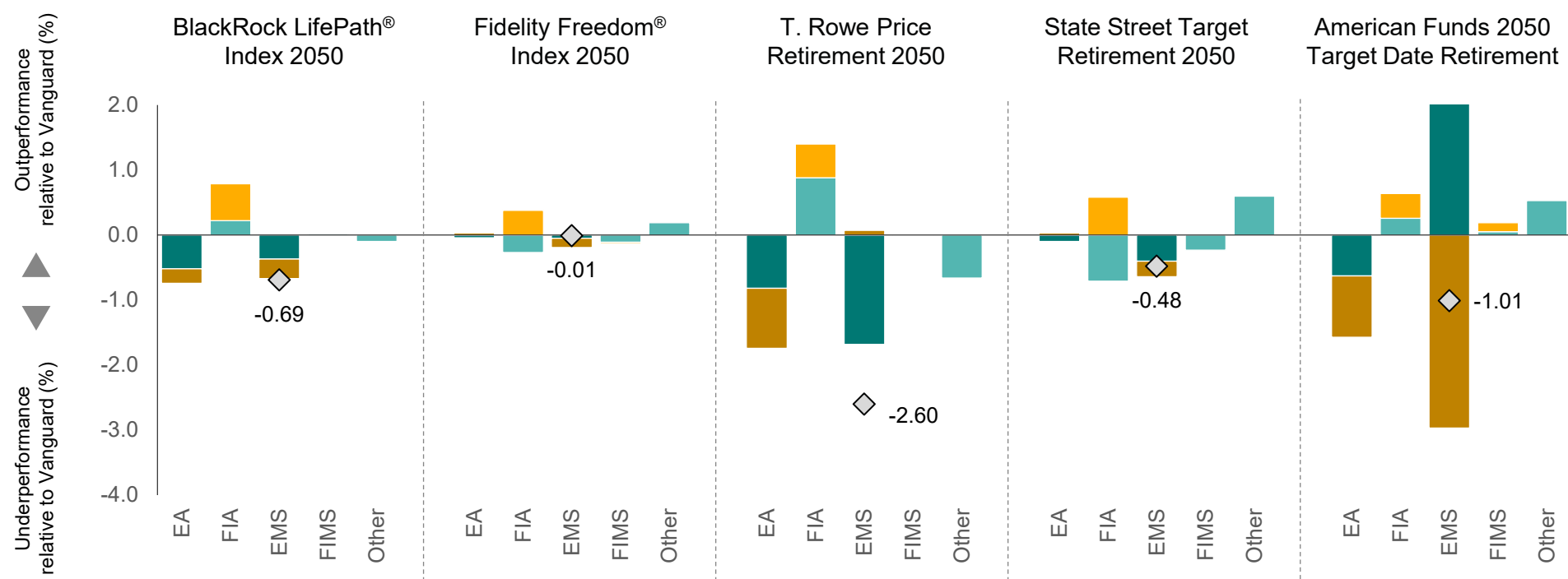
For some funds, fees are levied on purchases or redemptions to offset the costs of buying and selling portfolio securities. For others, fees are assessed on redemptions made within certain time periods after a purchase to discourage short-term trading. All purchase or redemption fees are paid directly to the fund to compensate long-term shareholders for the costs of trading activity. *Note that one-year performance figures are not fee-adjusted for fees incurred on shares held less than one year.*

¹ A blended composite that weights the returns of market indexes for each asset class in proportion with the target weighting of the fund. Detail for each composite index is available upon request.

For institutional use only. Not for distribution to retail investors.

12-month return attribution

Top five industry 2050 funds relative to Vanguard (PERCENTAGE)



- U.S. equity
- U.S. fixed income
- Foreign equity
- Foreign fixed income
- ◇ Total relative return

Element	Description
Equity allocation (EA)	Vintage allocation to asset classes and sub-asset allocation to U.S. vs. non-U.S.
Fixed income allocation (FIA)	Benchmark construction differences (cap and/or style tilts), securities lending, fair-value pricing, building block expense ratios
Equity manager selection (EMS)	Compounding effect (residual) due to nondaily holdings availability
Fixed income manager selection (FIMS)	The sum of the above relative performance differences between Vanguard Target Retirement Fund and competitors' similar vintage
Other	
Total excess return	

Underperformance relative to Vanguard was driven by a higher weight to U.S. equities.

Performance was relatively inline with Vanguard, though underlying fixed income performance drivers differed.

Underperformance relative to Vanguard was driven by poor security selection within the U.S. equity allocation.

Underperformance relative to Vanguard was driven by a higher allocation to fixed income, further compounded by an overweight to long-term treasuries.

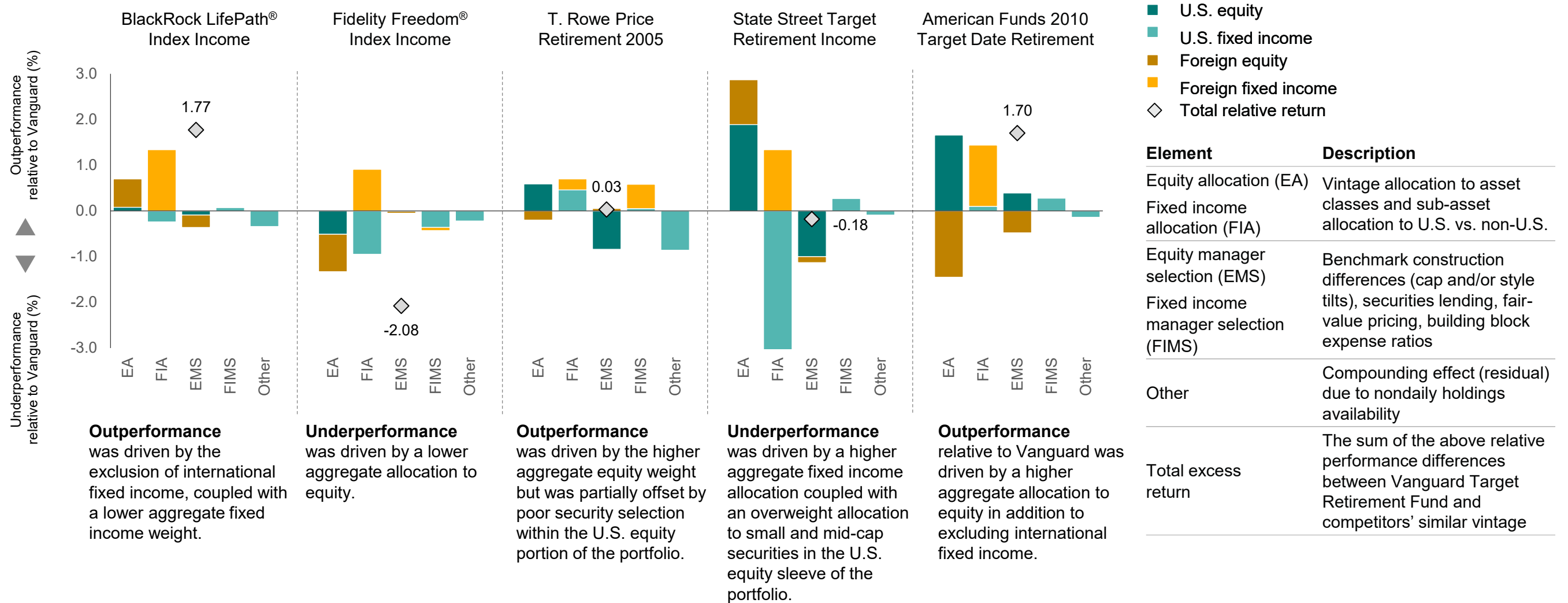
Underperformance was driven by weak security selection within the international equity allocation and a higher U.S. equity weight relative to Vanguard.

Past performance is not a guarantee of future results.
Sources: Morningstar and Vanguard calculations; data as of December 31, 2025.

For institutional use only. Not for distribution to retail investors.

12-month return attribution

Top five industry income (or equivalent) funds* relative to Vanguard (PERCENTAGE)



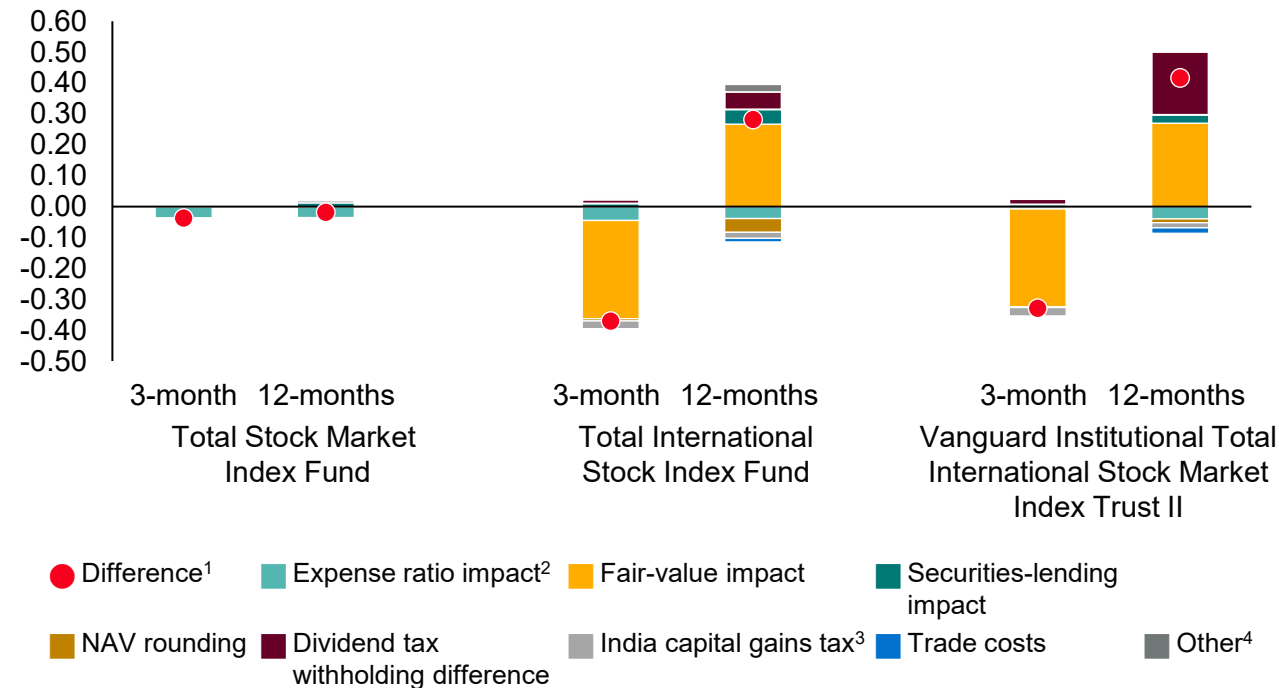
Past performance is not a guarantee of future results.

Sources: Morningstar and Vanguard calculations; data as of December 31, 2025.

* The 2005 fund is used as a proxy for T. Rowe Price, and the 2010 fund is used as a proxy for American Funds, as there is no terminal income fund currently.

Attribution for underlying funds

Equity funds 3- and 12-month return attribution



Numbers may not add due to rounding.

Sources: Vanguard and Morningstar, as of December 31, 2025. See Disclosures slide for composition of composite benchmarks.

On January 14, 2021, Bloomberg changed its index pricing time from 3 p.m., Eastern time, to 4 p.m., Eastern time. The time change affects the three-year figures.

¹ Difference equals fund return minus benchmark return.

² Expense ratio impact (ER) attribution includes the impact of compounding on fund returns over time. Consequently, a fund's ER (above) may appear larger than the published ER.

³ India capital gains tax is not part of the benchmark methodology.

⁴ Other category may include fund performance impacts from the following sources: portfolio manager investment decisions, trading impact, tax withholding differences with the benchmark (funds with international investments only), and security pricing differences with the benchmark.

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.

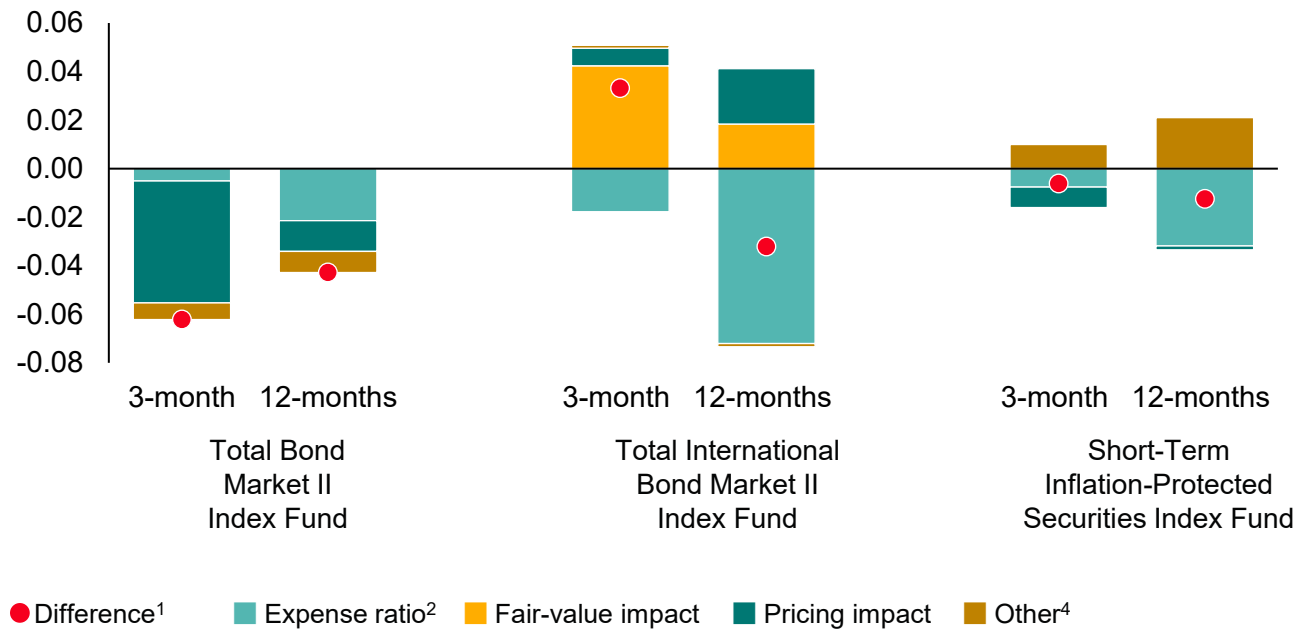
Fund name	Attribution	Fund Return	Benchmark return	Difference ¹	Expense Ratio Impact ²	Fair-value impact	Sec Lending Impact	NAV Rounding	Dividend Tax Withholding Difference	India Capital Gains Tax ³	Trade costs	Other ⁴
Vanguard Total Stock Market Index Fund	3-month	2.409	2.447	-0.038	-0.036	0.000	0.002	-0.004	0.000	0.000	0.000	0.001
	12-month	17.134	17.153	-0.019	-0.035	0.000	0.012	-0.001	0.000	0.000	-0.001	0.006
Vanguard Total International Stock Index Fund	3-month	4.474	4.845	-0.371	-0.045	-0.318	0.010	-0.006	0.012	-0.026	-0.001	0.003
	12-month	32.232	31.951	0.281	-0.039	0.267	0.048	-0.044	0.057	-0.019	-0.012	0.024
Vanguard Inst. Total International Stock Market Index Trust II*	3-month	4.515	4.845	-0.330	-0.008	-0.317	0.007	-0.002	0.017	-0.027	-0.002	0.002
	12-month	32.367	31.951	0.416	-0.040	0.270	0.027	-0.012	0.204	-0.017	-0.017	0.001

* Vanguard Institutional Total International Stock Market Index Trust II is a building block for the Target Retirement Trusts only.

For institutional use only. Not for distribution to retail investors.

Attribution for underlying funds

Fixed income funds 3- and 12-month return attribution



Numbers may not add due to rounding.

Sources: Vanguard and Morningstar, as of December 31, 2025. See Disclosures slide for composition of composite benchmarks.

On January 14, 2021, Bloomberg changed its index pricing time from 3 p.m., Eastern time, to 4 p.m., Eastern time. The time change affects the three-year figures.

¹ Excess return equals fund return minus benchmark return.

² Expense ratio (ER) attribution includes the impact of compounding on fund returns over time. Consequently, a fund's ER (above) may appear larger than the published ER.

³ Pricing impact includes the difference in performance driven by Bloomberg pricing of benchmarks at 3 p.m., Eastern time, relative to Vanguard's pricing of all funds at 4 p.m., Eastern time, as well as differences in external pricing vendor inputs.

⁴ Other category may include performance impacts from the following sources: portfolio manager investment decisions, trading impact, tax withholding differences (funds with international investments only), and security pricing differences.

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.

Fund name	Attribution	Fund return	Benchmark return	Expense ratio impact ²	Fair-value impact	Pricing impact ³	Other ⁴	Difference ¹
Vanguard Total Bond Market II Index Fund	3-month	1.005	1.067	-0.005	0.000	-0.050	-0.007	-0.062
	12-month	7.167	7.210	-0.021	0.000	-0.013	-0.009	-0.043
Vanguard Total International Bond Market II Index Fund	3-month	0.514	0.481	-0.018	0.042	0.007	0.001	0.033
	12-month	3.000	3.033	-0.072	0.018	0.023	-0.001	-0.032
Vanguard Short-Term Inflation-Protected Securities Index Fund	3-month	0.388	0.394	-0.008	0.000	-0.008	0.010	-0.006
	12-month	6.060	6.072	-0.032	0.000	-0.002	0.021	-0.012

Absolute performance returns

	Expense ratio	3 months	Year-to-date	1 year	Annualized (as of December 31, 2025)			Since inception	Inception date
					3 year	5 year	10 year		
Vanguard Target Retirement Income Fund	0.08	1.55	11.31	11.31	9.52	3.82	5.33	5.23	10/27/2003
Target Retirement Income Composite Index	—	1.61	11.37	11.37	9.62	3.99	5.53	—	—
Lipper Target Target Consvr Funds Average	—	1.51	10.75	10.75	9.02	3.66	5.04	—	—
Fidelity Freedom Income	0.46	1.43	10.42	10.42	7.62	2.65	4.38	4.60	10/17/1996
Fidelity Freedom Index Income Investor	0.12	1.25	9.23	9.23	7.47	2.55	4.10	3.88	10/2/2009
T. Rowe Price Retirement 2005	0.49	1.58	11.34	11.34	10.42	4.66	6.27	5.82	2/27/2004
American Funds 2010 Trgt Date Retire R5	0.34	2.01	13.01	13.01	9.93	5.68	6.58	5.47	2/1/2007
BlackRock LifePath Index Retire K	0.12	1.75	12.48	12.48	10.34	4.02	6.00	5.58	5/31/2011
State Street Target Retirement K	0.26	1.58	11.13	11.13	9.71	4.60	5.81	5.17	9/30/2014
JPMorgan SmartRetirement® Income R5	0.46	1.65	12.29	12.29	10.77	4.38	5.68	5.29	5/15/2006
JPMorgan SmartRetirement® Blend IncomeR5	0.49	1.97	13.12	13.12	11.01	4.61	5.79	5.43	7/2/2012
Nuveen Lifecycle 2010	0.56	1.88	11.42	11.42	9.99	4.49	6.29	5.52	11/30/2007

The performance data shown represent past performance. Past performance is no 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 Vanguard fund performance data cited. For performance data current to the most recent month-end, visit our website at [vanguard.com/performance](https://www.vanguard.com/performance). Some funds assess purchase, redemption, and/or account maintenance fees. The performance data shown do not reflect deduction of these fees. If they did, performance would be lower.

Data from Vanguard and Factset.

For institutional use only. Not for distribution to retail investors.

Absolute performance returns

	Expense ratio	3 months	Year-to-date	1 year	Annualized (as of December 31, 2025)			Since inception	Inception date
					3 year	5 year	10 year		
Vanguard Target Retirement 2050 Fund	0.08	3.05	21.41	21.41	18.70	9.95	11.02	8.54	6/7/2006
Target Retirement 2050 Composite Index	—	3.19	21.47	21.47	18.92	10.24	11.34	—	—
Lipper Target 2050 Funds Average	—	2.74	19.06	19.06	17.45	9.22	10.28	—	—
Fidelity Freedom 2050	0.68	3.75	23.72	23.72	19.37	10.12	11.24	7.84	6/1/2006
Fidelity Freedom Index 2050 Investor	0.12	3.02	21.40	21.40	18.45	9.51	10.96	10.19	10/2/2009
T. Rowe Price Retirement 2050	0.62	2.80	18.81	18.81	17.89	9.22	10.91	8.27	12/29/2006
American Funds 2050 Trgt Date Retire R5	0.42	3.14	20.40	20.40	18.79	9.76	11.52	8.72	2/1/2007
JPMorgan SmartRetirement 2050 R5	0.51	2.24	18.04	18.04	17.62	9.33	10.23	8.04	7/31/2007
JPMorgan SmartRetirement® Blend 2050 R5	0.44	3.06	20.29	20.29	18.13	9.80	10.44	10.18	7/2/2012
Nuveen Lifecycle 2050 Institutional	0.66	2.85	18.74	18.74	17.65	9.33	10.84	7.66	11/30/2007
BlackRock Lifepath Index 2050 K	0.14	2.87	20.72	20.72	19.22	10.44	11.27	9.84	5/31/2011
State Street Target Retirement 2050 K	0.16	2.79	20.93	20.93	17.56	8.49	10.69	9.40	9/30/2014

The performance data shown represent past performance. Past performance is no 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 Vanguard fund performance data cited. For performance data current to the most recent month-end, visit our website at vanguard.com/performance. Some funds assess purchase, redemption, and/or account maintenance fees. The performance data shown do not reflect deduction of these fees. If they did, performance would be lower.

Data from Vanguard and Factset.

For institutional use only. Not for distribution to retail investors.

Standardized performance returns

	Expense ratio	3 months	Year-to-date	1 year	Annualized (as of December 31, 2025)			Since inception	Inception date
					3 year	5 year	10 year		
Vanguard Total Stock Market Index Fund Institutional Shares	0.03	2.44	17.13	17.13	22.24	13.07	14.25	9.39	7/7/1997
Vanguard Total International Stock Index Fund Institutional Shares	0.06	4.51	32.23	32.23	17.13	7.97	8.54	6.53	11/29/2010
Vanguard Total Bond Market Index Fund Institutional Shares	0.025	0.99	7.17	7.17	4.68	-0.41	2.00	4.27	9/18/1995
Vanguard Total International Bond Index Fund Institutional Shares	0.06	0.51	3.02	3.02	5.16	-0.18	2.13	2.47	5/31/2013
Vanguard Short-Term Inflation-Protected Securities Index Fund Institutional Shares	0.03	0.39	6.06	6.06	5.14	3.54	3.16	2.20	10/17/2012

The performance data shown represent past performance. Past performance is no 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 Vanguard fund performance data cited. For performance data current to the most recent month-end, visit our website at vanguard.com/performance. Some funds assess purchase, redemption, and/or account maintenance fees. The performance data shown do not reflect deduction of these fees. If they did, performance would be lower.

Data from Vanguard and Factset.

For institutional use only. Not for distribution to retail investors.

Important information

Target 2020 Composite Indexes: 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 U.S. Aggregate Bond Index through December 31, 2009, and the Bloomberg U.S. Aggregate Float Adjusted Index thereafter, as well as the Bloomberg U.S. Treasury Inflation-Protected Securities (TIPS) 0-5 Year Index; for international bonds, the Bloomberg Global Aggregate ex-USD Float Adjusted RIC Capped Index Hedged beginning June 3, 2013; and for U.S. stocks, 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. Mixed-Asset Target 2020 Funds Avg: Derived from data provided by Lipper, a Thomson Reuters Company.

Target 2025 Composite Indexes: 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 U.S. Aggregate Bond Index through December 31, 2009, and the Bloomberg U.S. Aggregate Float Adjusted Index thereafter, as well as the Bloomberg U.S. Treasury Inflation-Protected Securities (TIPS) 0-5 Year Index; for international bonds, the Bloomberg 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. Mixed-Asset Target 2025 Funds Avg: Derived from data provided by Lipper, a Thomson Reuters Company

Target 2030, 2040, and 2050 Composite Indexes: 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 U.S. Aggregate Bond Index through December 31, 2009, and the Bloomberg U.S. Aggregate Float Adjusted Index thereafter; for international bonds, the Bloomberg Global Aggregate ex-USD Float Adjusted RIC Capped Index Hedged beginning June 3, 2013; and for U.S. stocks, 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. Mixed-Asset Target 2040 Funds Avg: Derived from data provided by Lipper, a Thomson Reuters Company.

Target 2035, and 2045 Composite Indexes: 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 U.S. Aggregate Bond Index through December 31, 2009, and the Bloomberg U.S. Aggregate Float Adjusted Index thereafter; for international bonds, the Bloomberg 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. Mixed-Asset Target 2035 Funds Avg: Derived from data provided by Lipper, a Thomson Reuters Company

Important information

Target 2055 Composite Index: 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 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 U.S. Aggregate Float Adjusted Index; for international bonds, the Bloomberg Global Aggregate ex-USD Float Adjusted RIC Capped Index Hedged beginning June 3, 2013; and for U.S. stocks, 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. Mixed-Asset Target 2055 Funds Avg: Derived from data provided by Lipper, a Thomson Reuters Company.

Target 2060 Composite Index: Derived by applying the fund's target asset allocation to the results of the following benchmarks: for international stocks of developed markets, 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 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 U.S. Aggregate Float Adjusted Index; for international bonds, the Bloomberg Global Aggregate ex-USD Float Adjusted RIC Capped Index Hedged beginning June 3, 2013; and for U.S. stocks, 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. Mixed-Asset Target 2060 Funds Avg: Derived from data provided by Lipper, a Thomson Reuters Company.

Target 2065 and 2070 Composite Indexes: Derived by applying the fund's target asset allocation to the results of the following benchmarks: the FTSE Global All Cap ex US Index for international stocks, the Bloomberg U.S. Aggregate Float Adjusted Index for U.S. bonds, the Bloomberg Global Aggregate ex-USD Float Adjusted RIC Capped Index Hedged for international bonds, and the CRSP US Total Market Index for U.S. stocks. International stock benchmark returns are adjusted for withholding taxes. Mixed-Asset Target 2060+ Funds Avg: Derived from data provided by Lipper, a Thomson Reuters Company.

Target Income Composite Index: 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 U.S. Aggregate Bond Index through December 31, 2009, and the Bloomberg U.S. Aggregate Float Adjusted Index thereafter, as well as the Bloomberg U.S. Treasury Inflation-Protected Securities Index through June 2, 2013, and the Bloomberg U.S. Treasury Inflation-Protected Securities (TIPS) 0–5 Year Index thereafter; for short-term reserves, the Citigroup Three-Month Treasury Bill Index through June 2, 2013; for international bonds, the Bloomberg 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. Spl Mixed-Asset Target Today FdsAvg: Mixed-Asset Target Conservative Funds Average through June 30, 2012; Mixed-Asset Target Today Funds Average thereafter. Derived from data provided by Lipper, a Thomson Reuters Company.

Important information

Vanguard Short-Term Inflation-Protected Securities Index Fund invests in bonds that are backed by the full faith and credit of the federal government and whose principal is adjusted periodically based on inflation. The fund is subject to interest rate risk because although inflation-indexed bonds seek to provide inflation protection, their prices may decline when interest rates rise and vice versa. The fund's quarterly income distributions are likely to fluctuate considerably more than the income distributions of a typical bond fund. Income fluctuations associated with changes in interest rates are expected to be low; however, income fluctuations associated with changes in inflation are expected to be high. Overall, investors can expect income fluctuations to be high for the fund.

Important information

For more information about any fund, visit vanguard.com or call 866-499-8473 to obtain a prospectus or, if available, a summary prospectus. Investment objectives, risks, charges, expenses, and other important information are contained in the prospectus; read and consider it carefully before investing.

Vanguard ETF[®] Shares are not redeemable with the issuing fund other than in very large aggregations worth millions of dollars. Instead, investors must buy or sell Vanguard ETF Shares in the secondary market and hold those shares in a brokerage account. In doing so, the investor may incur brokerage commissions and may pay more than net asset value when buying and receive less than net asset value when selling.

Mutual funds and all investments are subject to risk, including the possible loss of the money you invest. Prices of mid- and small-cap stocks often fluctuate more than those of large-company stocks. Investments in stocks or bonds issued by non-U.S. companies are subject to risks including country/regional risk and currency risk. These risks are especially high in emerging markets. Funds that concentrate on a relatively narrow sector face the risk of higher share-price volatility. It is possible that tax-managed funds will not meet their objective of being tax-efficient. Because company stock funds concentrate on a single stock, they are considered riskier than diversified stock funds.

Investments in bond funds are subject to the risk that an issuer will fail to make payments on time and that bond prices will decline because of rising interest rates or negative perceptions of an issuer's ability to make payments. High-yield bonds generally have medium- and lower-range credit quality ratings and are therefore subject to a higher level of credit risk than bonds with higher credit quality ratings. Municipal bond fund distributions, including any market discount recognized by the Fund's investments, may be taxable as ordinary income or capital gains. A majority of the income dividends that you receive from the Fund are expected to be exempt from federal income taxes. However, a portion of the Fund's distributions may be subject to federal, state, or local income taxes or the federal alternative minimum tax. You should consult your own tax advisor with respect to any particular U.S. or non-U.S. tax consequences of your investment in the Fund. Diversification does not ensure a profit or protect against a loss. There is no guarantee that any particular asset allocation or mix of funds will meet your investment objectives or provide you with a given level of income.

While U.S. Treasury or government agency securities provide substantial protection against credit risk, they do not protect investors against price changes due to changing interest rates. Unlike stocks and bonds, U.S. Treasury bills are guaranteed as to the timely payment of principal and interest.

Investments in Target Retirement Funds and Trusts are subject to the risks of their underlying funds. The year in the fund or trust name refers to the approximate year (the target date) when an investor in the fund or trust would retire and leave the workforce. The fund/trust will gradually shift its emphasis from more aggressive investments to more conservative ones based on its target date. The Income Trust/Fund and Income and Growth Trust have fixed investment allocations and are designed for investors who are already retired. An investment in a Target Retirement Fund or Trust is not guaranteed at any time, including on or after the target date.

Vanguard is responsible only for selecting the underlying funds and periodically rebalancing the holdings of target-date investments. The asset allocations Vanguard has selected for the Target Retirement Funds are based on our investment experience and are geared to the average investor. Investors should regularly check the asset mix of the option they choose to ensure it is appropriate for their current situation.

Vanguard collective trusts are not mutual funds. They are collective trusts available only to tax-qualified plans and their eligible participants. Investment objectives, risks, charges, expenses, and other important information should be considered carefully before investing. The collective trust mandates are managed by Vanguard Fiduciary Trust Company, a wholly owned subsidiary of The Vanguard Group, Inc.

A stable value investment is neither insured nor guaranteed by the U.S. government. There is no assurance that the investment will be able to maintain a stable net asset value, and it is possible to lose money in such an investment.

Vanguard Digital Advisor[®] and Vanguard Personal Advisor[®] services are provided solely by Vanguard Advisers, Inc. (VAI), a registered investment advisor. Please review the Vanguard Digital Advisor and Personal Advisor brochure (<https://personal.vanguard.com/pdf/vanguard-digital-advice-brochure.pdf>) for important details about these services, including Personal Advisor's asset-based service levels. Vanguard Digital Advisor's and Personal Advisor's financial planning tools provide projections and goal forecasts, which are hypothetical in nature, do not reflect actual investment results, and are not guarantees of future results. Vanguard Situational Advisor[™] is provided by Vanguard Advisers, Inc. (VAI), a federally registered investment advisor. Eligibility restrictions may apply.

VAI is a subsidiary of The Vanguard Group, Inc., and an affiliate of Vanguard Marketing Corporation. Neither VAI nor its affiliates guarantee profits or protection from losses.

Important information

The Factor Funds are subject to investment style risk, which is the chance that returns from the types of stocks in which a Factor Fund invests will trail returns from U.S. stock markets. The Factor Funds are also subject to manager risk, which is the chance that poor security selection will cause a Factor Fund to underperform its relevant benchmark or other funds with a similar investment objective, and sector risk, which is the chance that significant problems will affect a particular sector in which a Factor Fund invests, or that returns from that sector will trail returns from the overall stock market.

The information contained herein does not constitute tax advice and cannot be used by any person to avoid tax penalties that may be imposed under the Internal Revenue Code. We recommend that you consult a tax or financial advisor about your individual situation.

Schwab Personal Choice Retirement Account® (PCRA) is offered through Charles Schwab & Co., Inc. (Member SIPC), the registered broker/dealer, which also provides other brokerage and custody services to its customers.

Charles Schwab & Co., Inc., and Vanguard are not affiliated and are not responsible for the products and services provided by the other. CFA® and Chartered Financial Analyst® are trademarks owned by CFA Institute.

The Vanguard Group has partnered with Financial Engines Advisors L.L.C. (FEA) to provide subadvisory services to the Vanguard Managed Account Program and Personal Online Advisor. FEA is an independent, federally registered investment advisor that does not sell investments or receive commission for the investments it recommends with respect to the services which it is engaged in as subadvisor for Vanguard Advisers, Inc. (VAI). Advice is provided by Vanguard Advisers, Inc. (VAI), a federally registered investment advisor and an affiliate of The Vanguard Group, Inc. (Vanguard). Vanguard is owned by the Vanguard funds, which are distributed by Vanguard Marketing Corporation, a registered broker-dealer affiliated with VAI and Vanguard. Neither Vanguard, FEA, nor their respective affiliates guarantee future results. Vanguard will use your information in accordance with Vanguard's Privacy Policy.

Edelman Financial Engines® is a registered trademark of Edelman Financial Engines, LLC. All rights reserved. Used with permission.

CGS identifiers have been provided by CUSIP Global Services, managed on behalf of the American Bankers Association by Standard & Poor's Financial Services, LLC, and are not for use or dissemination in a manner that would serve as a substitute for any CUSIP service. The CUSIP Database, © 2025 American Bankers Association. "CUSIP" is a registered trademark of the American Bankers Association.

"Bloomberg®" is a service mark of Bloomberg Finance L.P. and its affiliates, including Bloomberg Index Services Limited ("BISL"), the administrator of the index (collectively, "Bloomberg") and has been licensed for use for certain purposes by Vanguard. Bloomberg is not affiliated with Vanguard, and Bloomberg does not approve, endorse, review, or recommend the Vanguard funds. Bloomberg does not guarantee the timeliness, accurateness, or completeness of any data or information relating to the Vanguard funds.

Apple®, iPhone®, and iPad® are trademarks of Apple Inc., registered in the United States and other countries. App Store is a service mark of Apple Inc. Android™ is a trademark of Google Inc.

Morningstar data © 2026 Morningstar, Inc. All rights reserved. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete, or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information. Past performance is no guarantee of future results.

Private investments involve a high degree of risk and, therefore, should be undertaken only by prospective investors capable of evaluating and bearing the risks such an investment represents. Investors in private equity generally must meet certain minimum financial qualifications that may make it unsuitable for specific market participants.

Hueler Investment Services, Inc. is a non-affiliated third party and does not compensate Vanguard. Access to annuities is offered through the Income Solutions platform and provided on a rollover (out-of-plan) basis. All views expressed by Hueler Investment Services, Inc. are their own. Product guarantees are subject to the claims-paying ability of the issuing company. Income Solutions® is a registered trademark of Hueler Investment Services, Inc., and used under license. United States Patent No. 7,653,560.

Important information



London Stock Exchange Group companies include FTSE International Limited ("FTSE"), Frank Russell Company ("Russell"), MTS Next Limited ("MTS"), and FTSE TMX Global Debt Capital Markets Inc. ("FTSE TMX"). All rights reserved. "FTSE®," "Russell®," "MTS®," "FTSE TMX®," and "FTSE Russell," and other service marks and trademarks related to the FTSE or Russell Indexes are trademarks of the London Stock Exchange Group companies and are used by FTSE, MTS, FTSE TMX, and Russell under license. All information is provided for information purposes only. No responsibility or liability can be accepted by the London Stock Exchange Group companies nor its licensors for any errors or for any loss from use of this publication. Neither the London Stock Exchange Group companies nor any of its licensors make any claim, prediction, warranty, or representation whatsoever, expressly or impliedly, either as to the results to be obtained from the use of the FTSE Indexes or the fitness or suitability of the indexes for any particular purpose to which they might be put.

The index is a product of S&P Dow Jones Indices LLC ("SPDJI") and has been licensed for use by Vanguard. Standard & Poor's® and S&P® are registered trademarks of Standard & Poor's Financial Services LLC ("S&P"); Dow Jones® is a registered trademark of Dow Jones Trademark Holdings LLC ("Dow Jones"); S&P® and S&P 500® are trademarks of S&P; and these trademarks have been licensed for use by SPDJI and sublicensed for certain purposes by Vanguard. Vanguard product(s) are not sponsored, endorsed, sold, or promoted by SPDJI, Dow Jones, S&P, or their respective affiliates, and none of such parties make any representation regarding the advisability of investing in such product(s) nor do they have any liability for any errors, omissions, or interruptions of the index.

Center for Research in Security Prices, LLC (CRSP®) and its third-party suppliers have exclusive proprietary rights in the CRSP® Index Data, which has been licensed for use by Vanguard but is and shall remain valuable intellectual property owned by, and/or licensed to, CRSP®. The Vanguard Funds are not sponsored, endorsed, sold, or promoted by CRSP®, The University of Chicago, or The University of Chicago Booth School of Business, and neither CRSP®, The University of Chicago, nor The University of Chicago Booth School of Business makes any representation regarding the advisability of investing in the Vanguard Funds.

The Russell Indexes and Russell® are registered trademarks of Russell Investments and have been licensed for use by The Vanguard Group. The products are not sponsored, endorsed, sold, or promoted by Russell Investments, and Russell Investments makes no representation regarding the advisability of investing in the products.

"Dividend Achievers" is a trademark of The NASDAQ OMX Group, Inc. (collectively, with its affiliates, "NASDAQ OMX") and has been licensed for use by The Vanguard Group, Inc. Vanguard mutual funds are not sponsored, endorsed, sold, or promoted by NASDAQ OMX, and NASDAQ OMX makes no representation regarding the advisability of investing in the funds. NASDAQ OMX MAKES NO WARRANTIES AND BEARS NO LIABILITY WITH RESPECT TO THE VANGUARD MUTUAL FUNDS.

The funds or securities referred to herein are not sponsored, endorsed, or promoted by MSCI, and MSCI bears no liability with respect to any such funds or securities. The prospectus or the Statement of Additional Information contains a more detailed description of the limited relationship MSCI has with Vanguard and any related funds.

The Global Industry Classification Standard ("GICS") was developed by and is the exclusive property and a service mark of MSCI Inc. ("MSCI") and Standard and Poor's, a division of McGraw-Hill Companies, Inc. ("S&P") and is licensed for use by Vanguard. Neither MSCI, S&P, nor any third party involved in making or compiling the GICS or any GICS classification makes any express or implied warranties or representations with respect to such standard or classification (or the results to be obtained by the use thereof), and all such parties hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability, or fitness for a particular purpose with respect to any such standard or classification. Without limiting any of the foregoing, in no event shall MSCI, S&P, any of its affiliates, or any third party involved in making or compiling the GICS or any GICS classification have any liability for any direct, indirect, special, punitive, consequential, or any other damages (including lost profits) even if notified of the possibility of such damages.

Certified Financial Planner Board of Standards Inc. owns the certification marks CFP®, CERTIFIED FINANCIAL PLANNER®, in the U.S., which it awards to individuals who successfully complete CFP Board's initial and ongoing certification requirements.

Vanguard Marketing Corporation, Distributor of the Vanguard Funds.

© 2026 The Vanguard Group, Inc. All rights reserved.

Rev_012026

For institutional use only. Not for distribution to retail investors.

Tracking #: 5070781

Expiration date: 6/19/2027

