

Vanguard Index Funds

Quarterly Review | December 31, 2025



Contents



Quarterly spotlight

Executive summary **3**



Fixed income market and fund performance

Fixed income markets overview **5**

Performance and attribution for Vanguard taxable fixed income index funds **8**



Equity market and fund performance

Equity markets overview **17**

Performance and attribution for Vanguard equity index funds **19**



Securities lending

Vanguard securities-lending program overview **35**

Vanguard securities lending by fund **36**



Benchmark methodologies

Fixed income **41**

Equity **42**



Executive summary

Global markets end 2025 on a strong note

Global financial markets extended their gains in the fourth quarter of 2025, closing a year defined by resilience despite persistent macroeconomic and policy challenges. Equities and fixed income delivered positive results, supported by strong corporate earnings, ongoing monetary easing, and broader market leadership beyond technology. The quarter featured the longest U.S. government shutdown on record, continued trade tensions, and tightening fiscal conditions, yet central banks maintained accommodative policies. The Federal Reserve cut rates twice in response to cooling inflation and a softer labor market.

In the U.S., equities advanced as gains spread beyond technology and AI-driven stocks that led earlier in the year. Most sectors posted strong returns, though utilities and real estate lagged. International equities, both developed and emerging, outperformed U.S. equities, aided by a weaker dollar, supportive fiscal and monetary measures, and strong corporate governance.

Global fixed income also posted positive returns. The U.S. Aggregate Bond Index rose about 1% for the quarter and 7% for the year. The Fed's rate cuts fueled a rally in shorter maturities, with shorter-duration bonds outperforming as the yield curve steepened and credit spreads stayed tight. Lower yields and resilient credit conditions supported investment-grade and high-yield bonds, while long-duration U.S. Treasuries underperformed. Emerging market debt stood out, benefiting from global monetary easing and improving fundamentals.

Despite market volatility, Vanguard has striven to consistently add value over its 50-year history of managing index portfolios by proactively reducing costs and applying conservative securities-lending and collateral reinvestment practices. Vanguard's investment principles are rooted in setting clear goals, maintaining balance, minimizing costs, and staying disciplined with a long-term perspective.

Performance of key Vanguard index funds

Fund name (inception date)	1Q 2025	2Q 2025	3Q 2025	4Q 2025	1-year
Vanguard Total Stock Market Index Fund (07/07/1997)	-4.83	10.99	8.24	2.44	17.13
Vanguard Total International Stock Index Fund (11/29/2010)	5.51	12.11	6.96	4.51	32.23
Vanguard Total Bond Market Index Fund (09/18/1995)	2.77	1.30	1.93	0.99	7.17
Vanguard Total International Bond Index Fund (05/31/2013)	-0.16	2.02	0.62	0.51	3.02
Vanguard Short-Term Inflation-Protected Securities Index Fund (10/17/2012)	3.04	0.98	1.54	0.39	6.06

Source of performance figures: Vanguard, Institutional share class, as of December 31, 2025.

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](https://www.vanguard.com). Standard performance of the funds can be located on pages 8, 19, and 25–27 of the *Quarterly Review*.



Fixed income market and fund performance

IN THIS SECTION:

Fixed income markets overview

Performance and attribution for Vanguard
taxable fixed income index funds



Fixed income markets overview

Figure 5.1 Treasury yields (%)

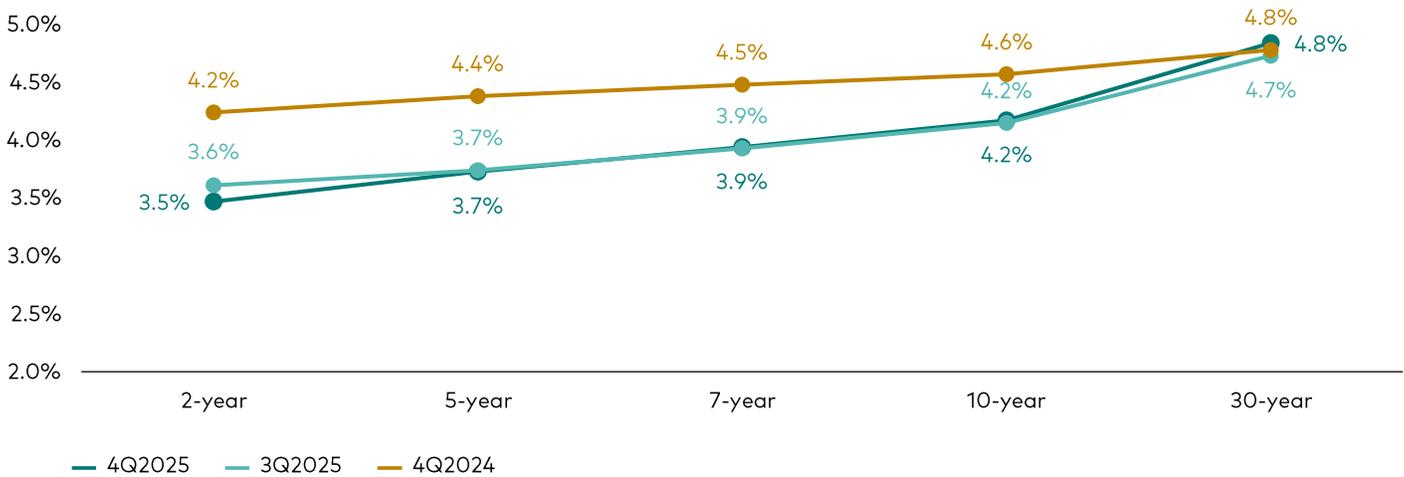
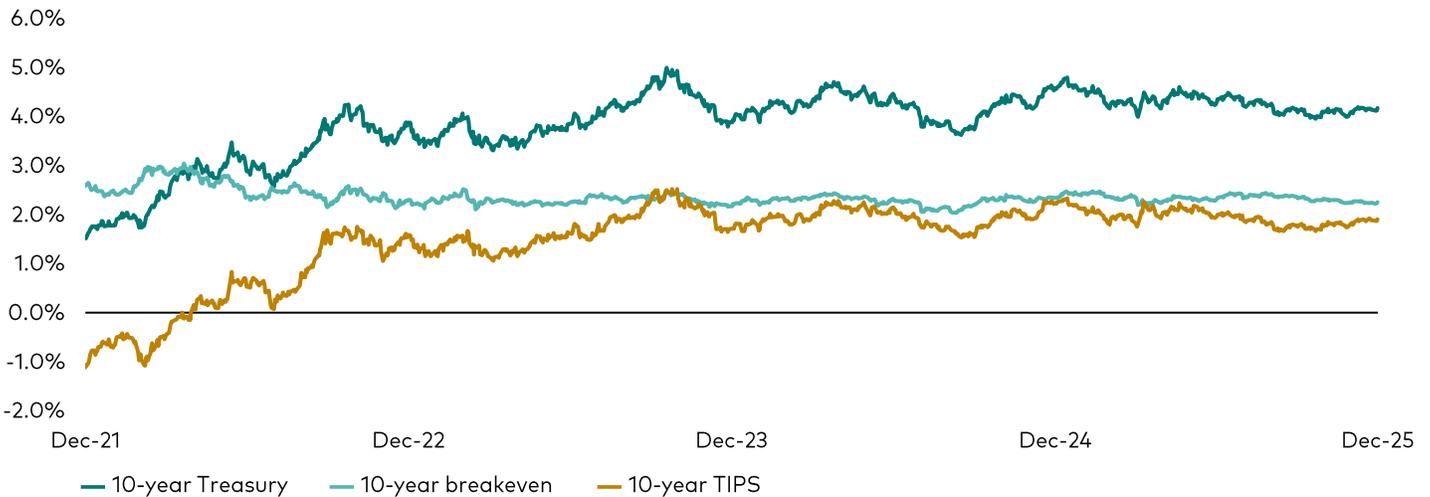


Figure 5.2 Inflation expectations¹



Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

¹ The break-even inflation rate represents a measure of expected inflation derived from the difference between the nominal yield on the 10-year Treasury—which includes inflation expectations—and the yield of the 10-year Treasury Inflation-Protected Security (TIPS)—which does not include inflation expectations. This delta implies what the market believes will be the average rate of inflation over the next 10 years.

Past performance is not a guarantee of future returns.



Fixed income markets overview

Figure 6.1 Credit spreads (1-year)

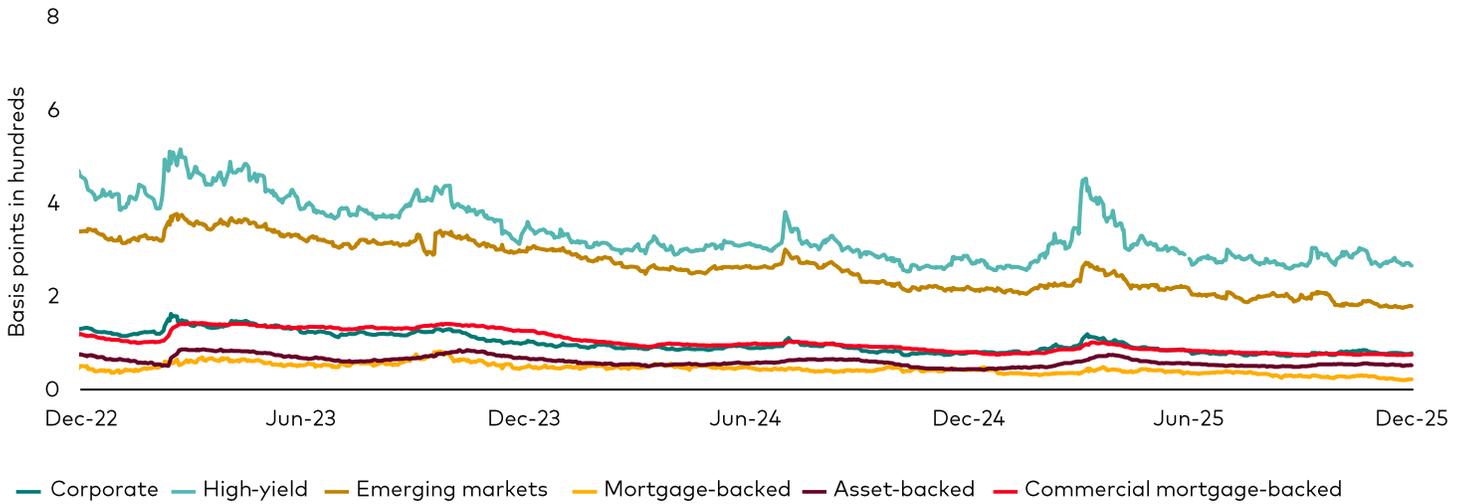
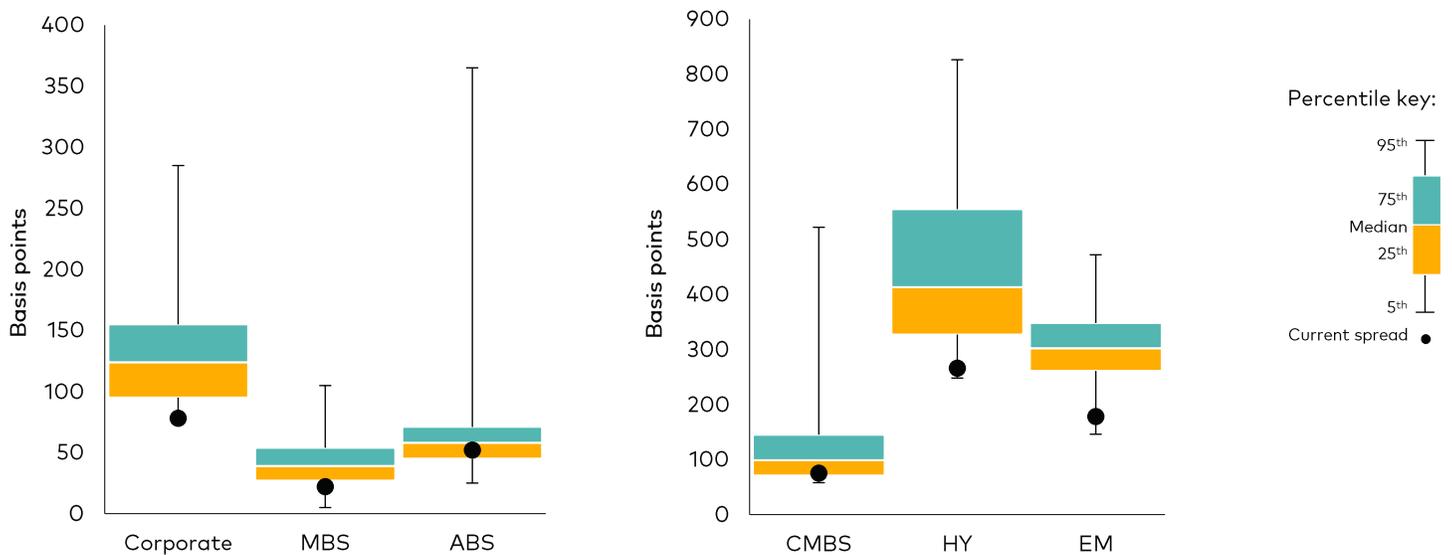


Figure 6.2 Credit spreads relative to comparable Treasuries over 20 years



Sources: Vanguard and Bloomberg. All data as of December 31, 2025, unless otherwise noted.

Note: Sectors represented by data from Bloomberg indexes: Bloomberg US Agg Corporate, Bloomberg US Corporate High Yield, Bloomberg EM USD Agg, Bloomberg US MBS Fixed Rate, Bloomberg US Agg ABS, and Bloomberg US Agg CMBS.



Fixed income markets overview

Figure 7.1 U.S. total return by sector

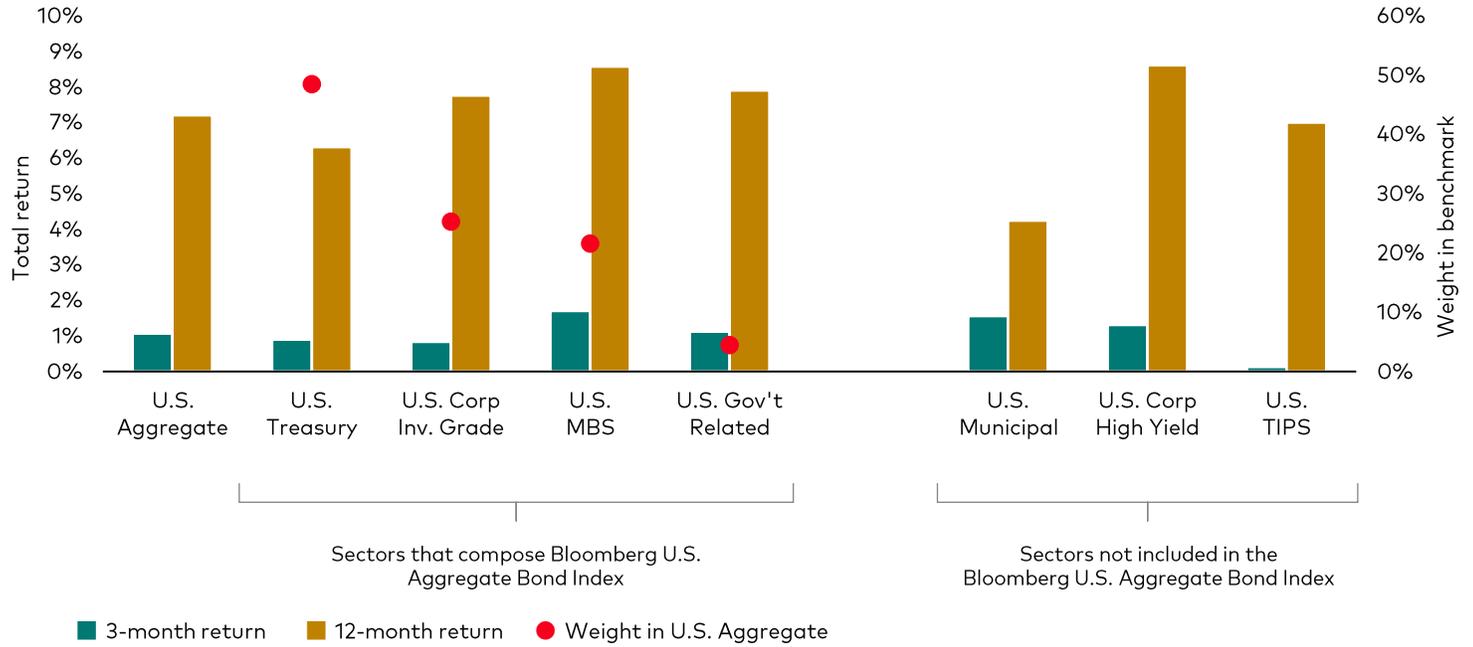
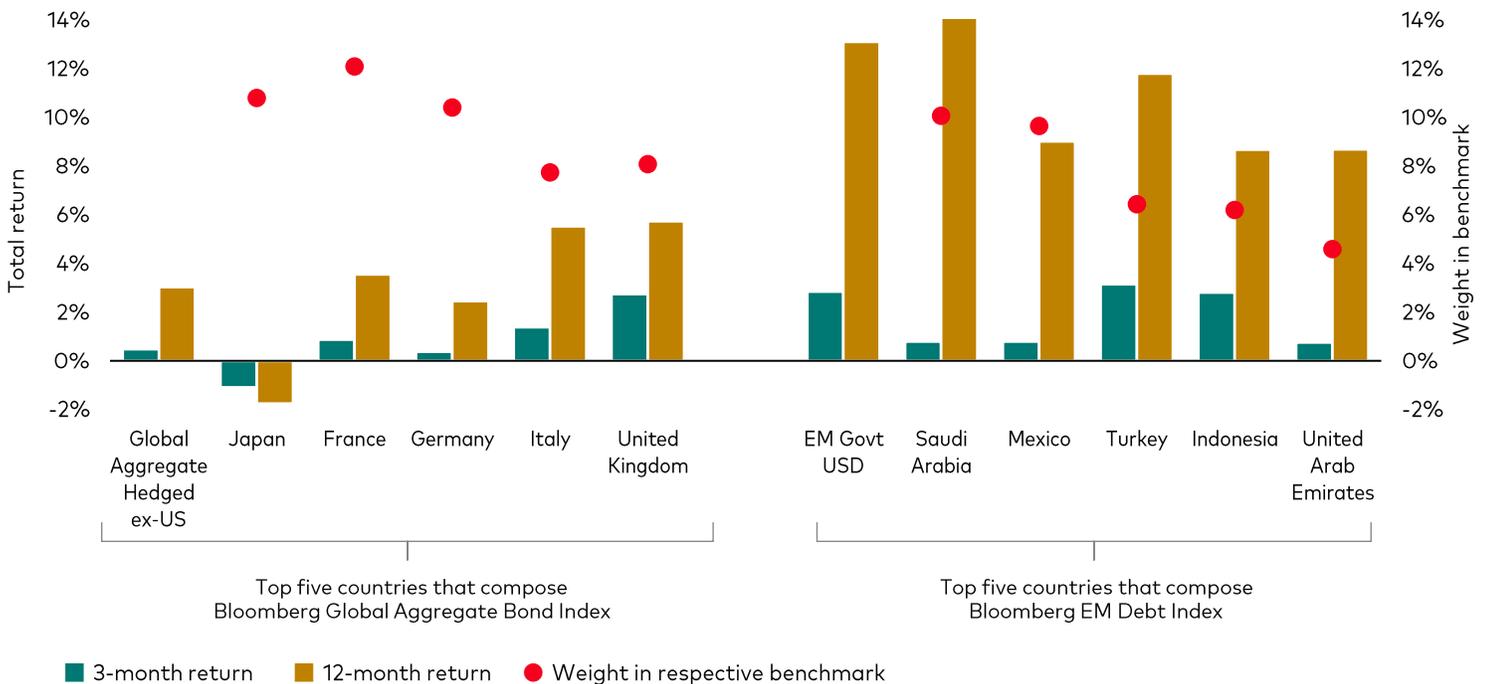


Figure 7.2 Developed and emerging markets total return by country



Sources: Vanguard and Bloomberg. All data as of December 31, 2025, unless otherwise noted.

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



Performance for all Vanguard taxable fixed income index funds

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
Broad-market								
Vanguard Total Bond Market Index Fund (VBTIX)	0.025	0.99	7.17	4.68	-0.41	2.00	4.27	9/18/1995
Vanguard Total Bond Market II Index Fund (VTBNX)	0.020	1.00	7.17	4.68	-0.40	1.97	2.80	2/17/2009
Vanguard Mortgage-Backed Securities Index Fund (VMBIX)	0.040	1.57	8.44	4.92	0.16	1.53	1.77	10/31/2013
Vanguard Total Corporate Bond ETF (VTC)	0.030							
Market price		0.65	7.58	6.08	-0.16	—	2.45	11/7/2017
NAV		0.70	7.60	6.08	-0.16	—	2.44	11/7/2017
Short-term								
Vanguard Short-Term Bond Index Fund (VBITX)	0.040	1.20	6.10	4.90	1.54	2.13	1.84	9/27/2011
Vanguard Short-Term Inflation-Protected Securities Index Fund (VTSPX)	0.030	0.39	6.06	5.14	3.54	3.16	2.20	10/17/2012
Vanguard Short-Term Treasury Index Fund (VSBIX)	0.040	1.09	5.11	4.46	1.71	1.79	1.38	8/23/2010
Vanguard Short-Term Corporate Bond Index Fund (VSTBX)	0.040	1.23	6.75	5.97	2.24	2.91	2.97	11/19/2009
Intermediate-term								
Vanguard Intermediate-Term Bond Index Fund (VBIMX)	0.040	1.14	8.58	5.36	-0.18	2.49	4.03	1/26/2006
Vanguard Intermediate-Term Treasury Index Fund (VIIGX)	0.040	1.07	7.38	4.33	-0.23	1.65	2.33	3/19/2010
Vanguard Intermediate-Term Corporate Bond Index Fund (VICBX)	0.040	1.19	9.37	7.14	0.82	3.57	4.44	11/19/2009
<i>Fund Purchase Transaction Fee: 0.25</i>								
Long-term								
Vanguard Long-Term Bond Index Fund (VBLLX)	0.040	-0.25	6.58	3.19	-4.88	1.99	4.30	2/2/2006
<i>Fund Purchase Transaction Fee: 0.50</i>								
Vanguard Long-Term Treasury Index Fund (VLGIX)	0.040	-0.22	5.42	0.74	-7.29	-0.01	2.16	7/30/2010
Vanguard Long-Term Corporate Bond Index Fund (VLCIX)	0.040	-0.43	7.27	5.34	-3.02	3.37	4.72	11/19/2009
<i>Fund Purchase Transaction Fee: 1.00</i>								
Vanguard Extended Duration Treasury Index Fund (VEDTX)	0.050	-2.24	1.31	-3.57	-12.66	-1.77	2.59	11/28/2007
<i>Fund Purchase Transaction Fee: 0.50</i>								
International/Global								
Vanguard Total International Bond Index Fund (VTIFX)	0.060	0.51	3.02	5.16	-0.18	2.13	2.47	5/31/2013
Vanguard Emerging Markets Government Bond Index Fund (VGIVX)	0.130	2.82	13.05	9.71	1.54	4.20	3.97	2/11/2015
<i>Fund Purchase Transaction Fee: 0.75</i>								
Vanguard Total World Bond ETF (BNDW)	0.050							
Market price		0.60	5.02	4.86	-0.34	—	1.90	9/4/2018
NAV		0.61	5.03	4.87	-0.33	—	1.90	9/4/2018

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

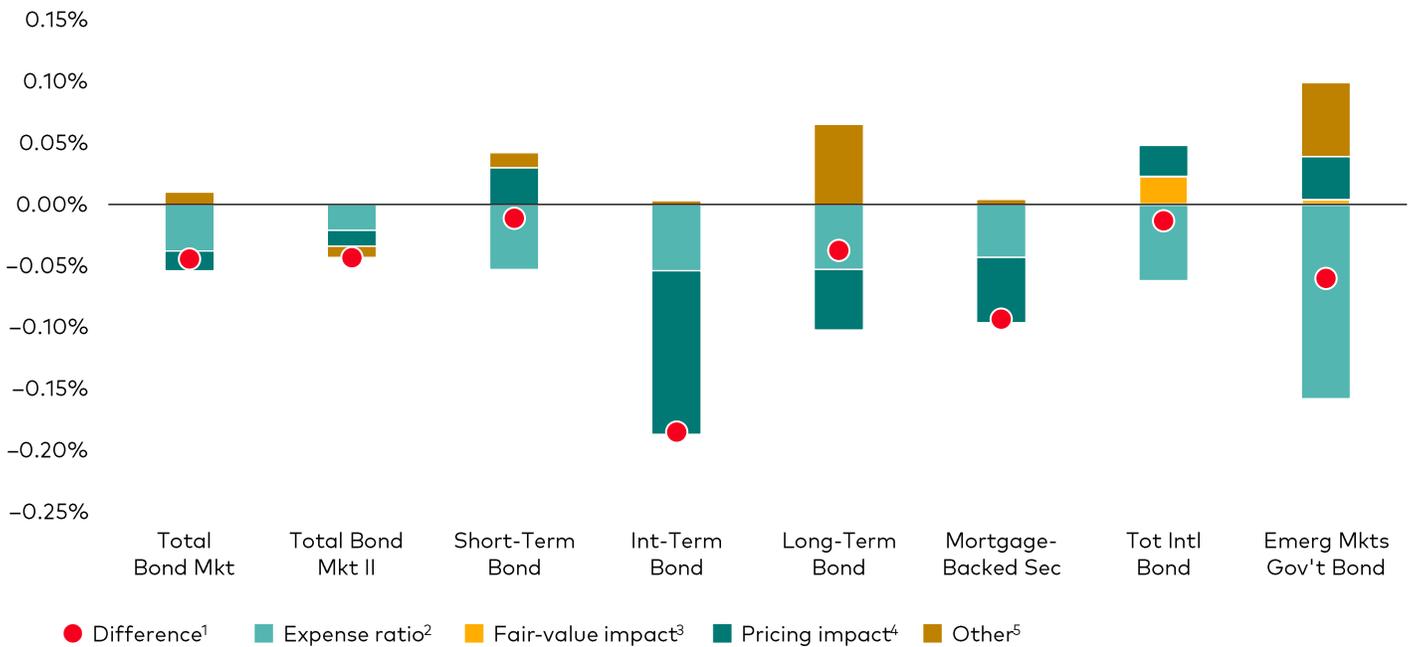
Performance data for periods of less than one year does not reflect the deduction of purchase and redemption fees that may apply. All other performance data are adjusted for purchase and redemption fees, where applicable. If these fees were included, the performance would be lower. The performance data 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](https://www.vanguard.com/performance).

Please refer to the back cover for details about market price performance.



Attribution for all Vanguard taxable fixed income index funds

Figure 9.1 Year-to-date excess return¹ performance attribution as of December 31, 2025



	Benchmark return	Expense ratio impact ²	Fair-value impact ³	Pricing impact ⁴	Other ⁵	Fund return	Difference ¹
Vanguard Total Bond Market Index Fund (VBTIX)	7.210	-0.038	0.000	-0.016	0.010	7.166	-0.044
Vanguard Total Bond Market II Index Fund (VTBNX)	7.210	-0.021	0.000	-0.013	-0.009	7.167	-0.043
Vanguard Short-Term Bond Index Fund (VBITX)	6.107	-0.053	0.000	0.030	0.012	6.096	-0.011
Vanguard Intermediate-Term Bond Index Fund (VBIMX)	8.761	-0.054	0.000	-0.133	0.003	8.577	-0.185
Vanguard Long-Term Bond Index Fund (VBLLX)	6.621	-0.053	0.000	-0.049	0.065	6.583	-0.037
Vanguard Mortgage-Backed Securities Index Fund (VMBIX)	8.531	-0.043	0.000	-0.053	0.004	8.438	-0.093
Vanguard Total International Bond Index Fund (VTIFX)	3.033	-0.062	0.023	0.025	0.000	3.019	-0.013
Vanguard Emerging Markets Government Bond Index Fund (VGIVX)	13.109	-0.158	0.004	0.035	0.060	13.050	-0.060

Numbers may not total 100% due to rounding.

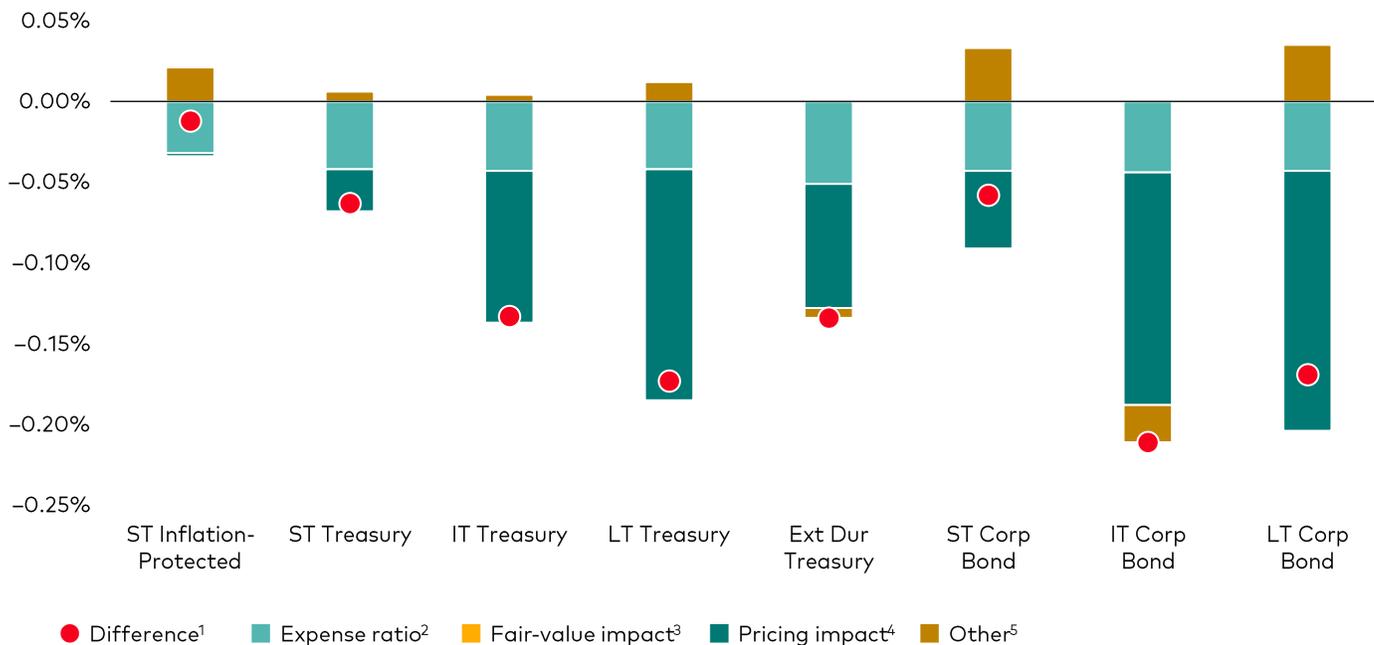
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 15 for attribution definitions. **Past performance is no guarantee of future returns.**



Attribution for all Vanguard taxable fixed income index funds

Figure 10.1 Year-to-date excess return¹ performance attribution as of December 31, 2025



	Benchmark return	Expense ratio impact ²	Fair-value impact ³	Pricing impact ⁴	Other ⁵	Fund return	Difference ¹
Vanguard Short-Term Inflation-Protected Securities Index Fund (VTSPX)	6.072	-0.032	0.000	-0.002	0.021	6.060	-0.012
Vanguard Short-Term Treasury Index Fund (VSBIX)	5.169	-0.042	0.000	-0.026	0.006	5.107	-0.063
Vanguard Intermediate-Term Treasury Index Fund (VIIGX)	7.513	-0.043	0.000	-0.094	0.004	7.380	-0.133
Vanguard Long-Term Treasury Index Fund (VLGIX)	5.592	-0.042	0.000	-0.143	0.012	5.418	-0.173
Vanguard Extended Duration Treasury Index Fund (VEDTX)	1.445	-0.051	0.000	-0.077	-0.006	1.311	-0.134
Vanguard Short-Term Corporate Bond Index Fund (VSTBX)	6.806	-0.043	0.000	-0.048	0.033	6.748	-0.058
Vanguard Intermediate-Term Corporate Bond Index Fund (VICBX)	9.577	-0.044	0.000	-0.144	-0.023	9.365	-0.211
Vanguard Long-Term Corporate Bond Index Fund (VLCIX)	7.442	-0.043	0.000	-0.161	0.035	7.273	-0.169

Numbers may not total 100% due to rounding.

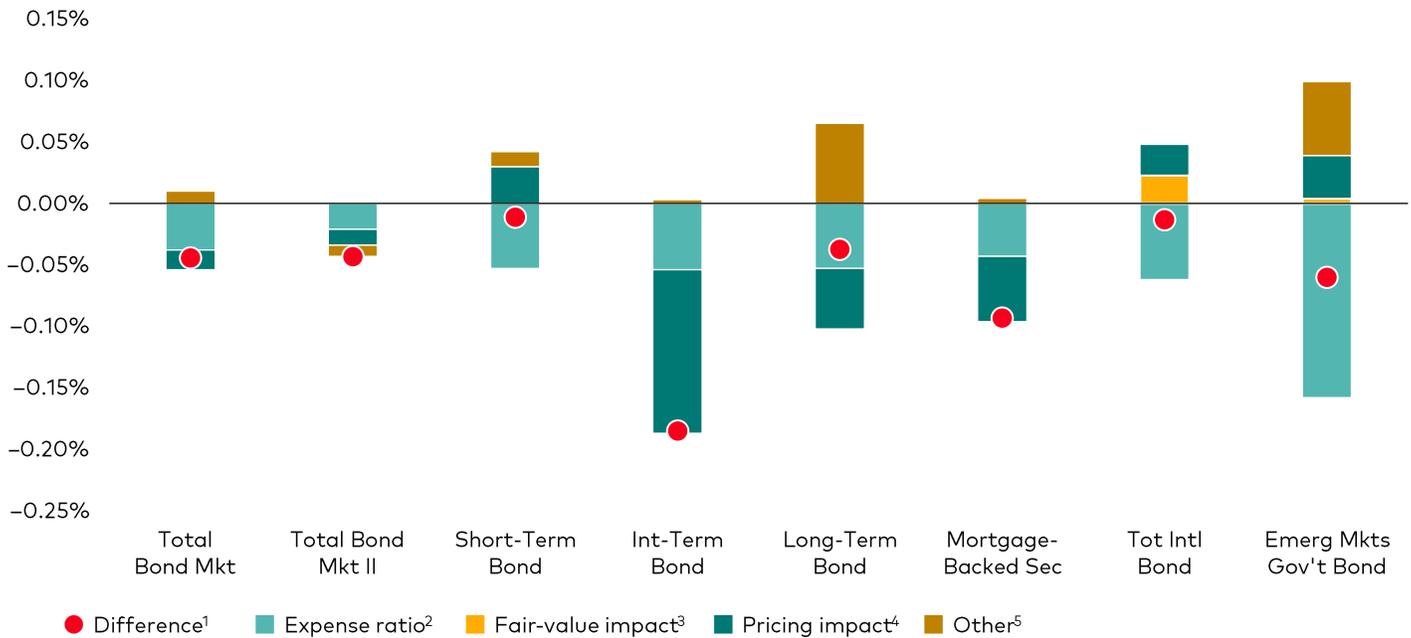
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 15 for attribution definitions. **Past performance is no guarantee of future returns.**



Attribution for all Vanguard taxable fixed income index funds

Figure 11.1 One-year excess return¹ performance attribution as of December 31, 2025



	Benchmark return	Expense ratio impact ²	Fair-value impact ³	Pricing impact ⁴	Other ⁵	Fund return	Difference ¹
Vanguard Total Bond Market Index Fund (VBTIX)	7.210	-0.038	0.000	-0.016	0.010	7.166	-0.044
Vanguard Total Bond Market II Index Fund (VTBNX)	7.210	-0.021	0.000	-0.013	-0.009	7.167	-0.043
Vanguard Short-Term Bond Index Fund (VBITX)	6.107	-0.053	0.000	0.030	0.012	6.096	-0.011
Vanguard Intermediate-Term Bond Index Fund (VBIMX)	8.761	-0.054	0.000	-0.133	0.003	8.577	-0.185
Vanguard Long-Term Bond Index Fund (VBLLX)	6.621	-0.053	0.000	-0.049	0.065	6.583	-0.037
Vanguard Mortgage-Backed Securities Index Fund (VMBIX)	8.531	-0.043	0.000	-0.053	0.004	8.438	-0.093
Vanguard Total International Bond Index Fund (VTIFX)	3.033	-0.062	0.023	0.025	0.000	3.019	-0.013
Vanguard Emerging Markets Government Bond Index Fund (VGIVX)	13.109	-0.158	0.004	0.035	0.060	13.050	-0.060

Numbers may not total 100% due to rounding.

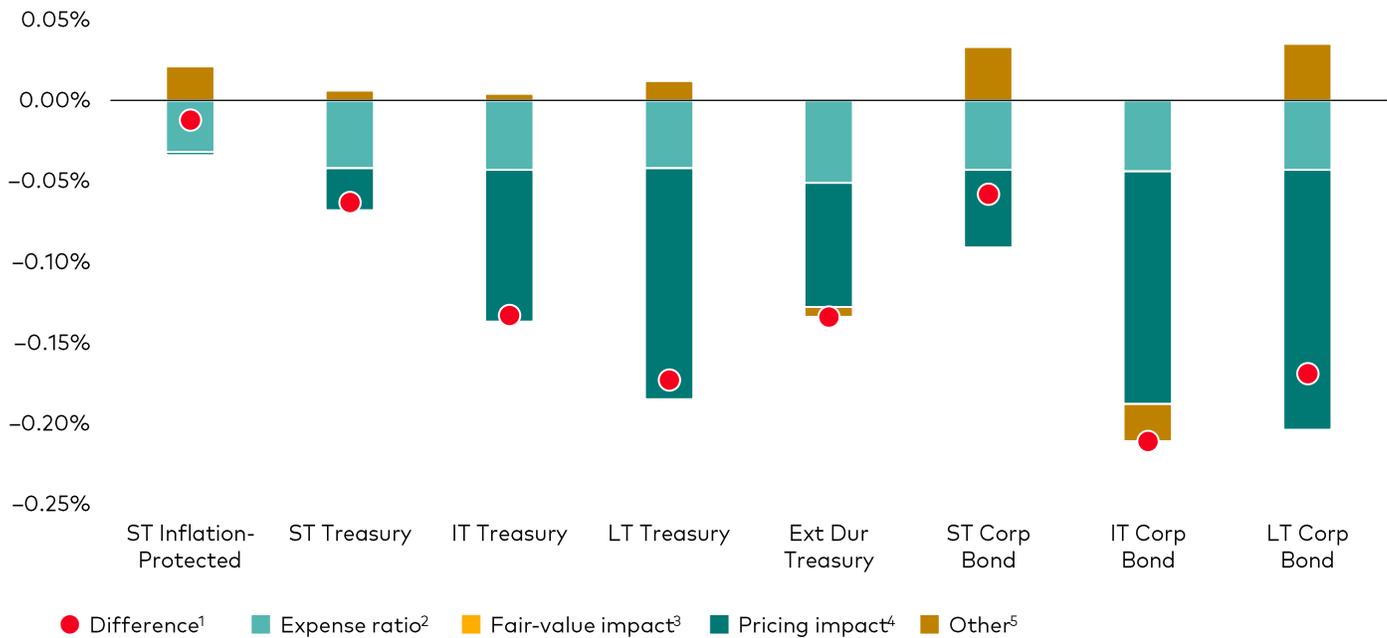
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 15 for attribution definitions. **Past performance is no guarantee of future returns.**



Attribution for all Vanguard taxable fixed income index funds

Figure 12.1 One-year excess return¹ performance attribution as of December 31, 2025



	Benchmark return	Expense ratio impact ²	Fair-value impact ³	Pricing impact ⁴	Other ⁵	Fund return	Difference ¹
Vanguard Short-Term Inflation-Protected Securities Index Fund (VTSPX)	6.072	-0.032	0.000	-0.002	0.021	6.060	-0.012
Vanguard Short-Term Treasury Index Fund (VSBIX)	5.169	-0.042	0.000	-0.026	0.006	5.107	-0.063
Vanguard Intermediate-Term Treasury Index Fund (VIIGX)	7.513	-0.043	0.000	-0.094	0.004	7.380	-0.133
Vanguard Long-Term Treasury Index Fund (VLGIX)	5.592	-0.042	0.000	-0.143	0.012	5.418	-0.173
Vanguard Extended Duration Treasury Index Fund (VEDTX)	1.445	-0.051	0.000	-0.077	-0.006	1.311	-0.134
Vanguard Short-Term Corporate Bond Index Fund (VSTBX)	6.806	-0.043	0.000	-0.048	0.033	6.748	-0.058
Vanguard Intermediate-Term Corporate Bond Index Fund (VICBX)	9.577	-0.044	0.000	-0.144	-0.023	9.365	-0.211
Vanguard Long-Term Corporate Bond Index Fund (VLCIX)	7.442	-0.043	0.000	-0.161	0.035	7.273	-0.169

Numbers may not total 100% due to rounding.

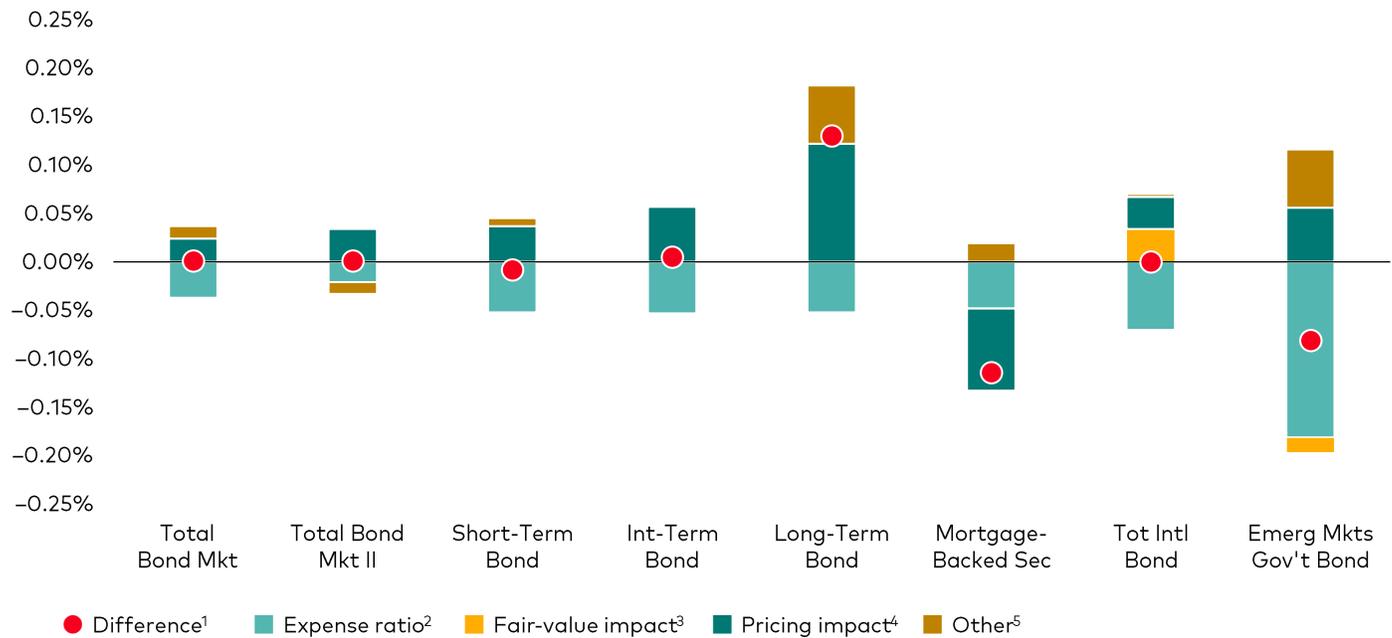
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 15 for attribution definitions. **Past performance is no guarantee of future returns.**



Attribution for all Vanguard taxable fixed income index funds

Figure 13.1 Three-year excess return¹ performance attribution as of December 31, 2025



	Benchmark return	Expense ratio impact ²	Fair-value impact ³	Pricing impact ⁴	Other ⁵	Fund return	Difference ¹
Vanguard Total Bond Market Index Fund (VBTIX)	4.681	-0.037	0.000	0.024	0.013	4.682	0.001
Vanguard Total Bond Market II Index Fund (VTBNX)	4.681	-0.021	0.000	0.034	-0.012	4.681	0.001
Vanguard Short-Term Bond Index Fund (VBITX)	4.913	-0.052	0.000	0.037	0.008	4.904	-0.008
Vanguard Intermediate-Term Bond Index Fund (VBIMX)	5.355	-0.053	0.000	0.057	0.001	5.360	0.005
Vanguard Long-Term Bond Index Fund (VBLLX)	3.064	-0.052	0.000	0.122	0.060	3.194	0.130
Vanguard Mortgage-Backed Securities Index Fund (VMBIX)	5.031	-0.048	0.000	-0.085	0.019	4.917	-0.114
Vanguard Total International Bond Index Fund (VTIFX)	5.162	-0.070	0.034	0.033	0.003	5.162	0.000
Vanguard Emerging Markets Government Bond Index Fund (VGIVX)	9.788	-0.181	-0.016	0.056	0.060	9.707	-0.081

Numbers may not total 100% due to rounding.

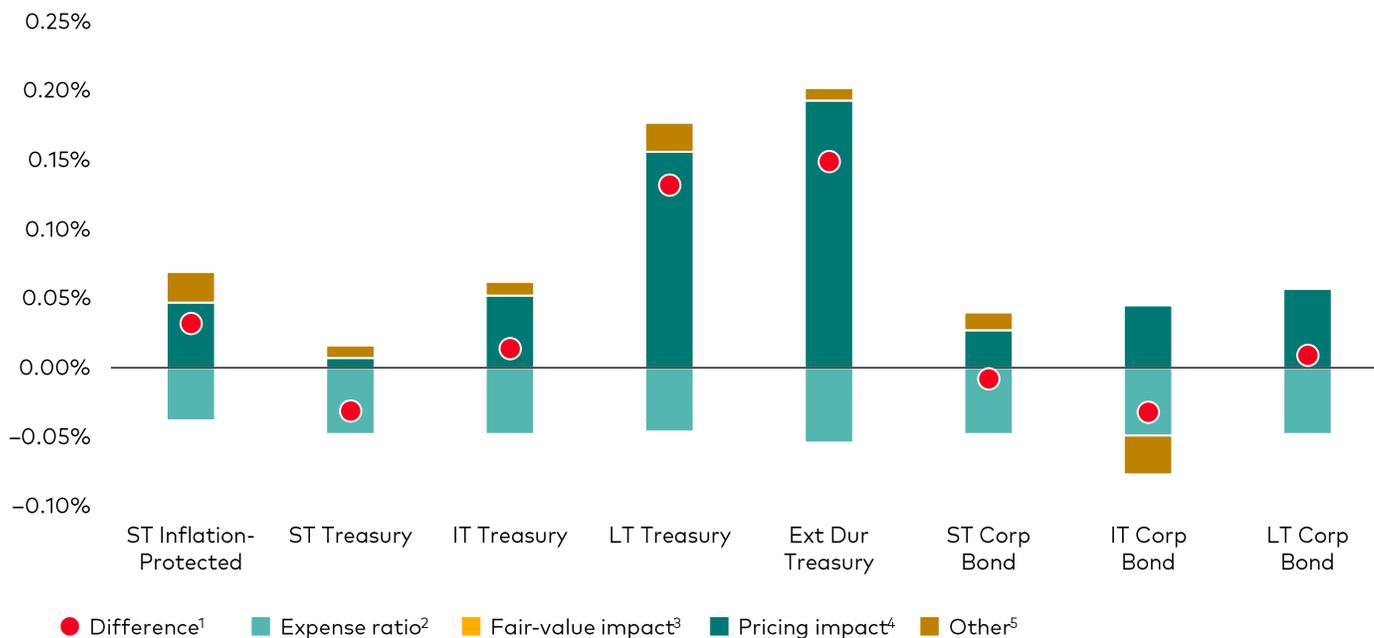
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 15 for attribution definitions. **Past performance is no guarantee of future returns.**



Attribution for all Vanguard taxable fixed income index funds

Figure 14.1 Three-year excess return¹ performance attribution as of December 31, 2025



	Benchmark return	Expense ratio impact ²	Fair-value impact ³	Pricing impact ⁴	Other ⁵	Fund return	Difference ¹
Vanguard Short-Term Inflation-Protected Securities Index Fund (VTSPX)	5.109	-0.038	0.000	0.047	0.022	5.141	0.032
Vanguard Short-Term Treasury Index Fund (VSBIX)	4.496	-0.048	0.000	0.007	0.009	4.464	-0.031
Vanguard Intermediate-Term Treasury Index Fund (VIIGX)	4.316	-0.048	0.000	0.052	0.010	4.330	0.014
Vanguard Long-Term Treasury Index Fund (VLGIX)	0.613	-0.046	0.000	0.156	0.021	0.744	0.132
Vanguard Extended Duration Treasury Index Fund (VEDTX)	-3.721	-0.054	0.000	0.193	0.009	-3.572	0.149
Vanguard Short-Term Corporate Bond Index Fund (VSTBX)	5.982	-0.048	0.000	0.027	0.013	5.974	-0.008
Vanguard Intermediate-Term Corporate Bond Index Fund (VICBX)	7.171	-0.049	0.000	0.045	-0.028	7.139	-0.032
Vanguard Long-Term Corporate Bond Index Fund (VLCIX)	5.332	-0.048	0.000	0.057	-0.000	5.341	0.009

Numbers may not total 100% due to rounding.

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 15 for attribution definitions. **Past performance is no guarantee of future returns.**



Important information

- ¹ Difference (excess return) equals fund return minus benchmark return.
- ² Expense ratio: The cumulative compounded impact over the period of the fund's stated net expense ratio.
- ³ Fair-value pricing: Is an SEC requirement for all asset managers. Note that prospectus benchmarks do not today include the impact from fair-value pricing. Fair-value pricing is temporary, impacts occur every trading day, and impacts revert over the following few business days. Fair-value pricing impact can be both positive and negative, but it is expected to be around 0% over longer time periods.
- ⁴ Pricing impact: The compounded impact of net securities lending revenue earned by the fund.
- ⁵ Other: Other category may include performance impacts from the following sources: portfolio manager investment decisions, trading impact, and tax withholding differences (funds with international investments only).



Equity market and fund performance

IN THIS SECTION:

Equity markets overview

Performance and attribution for Vanguard equity index funds



U.S. equity markets overview

Figure 17.1 U.S. size returns

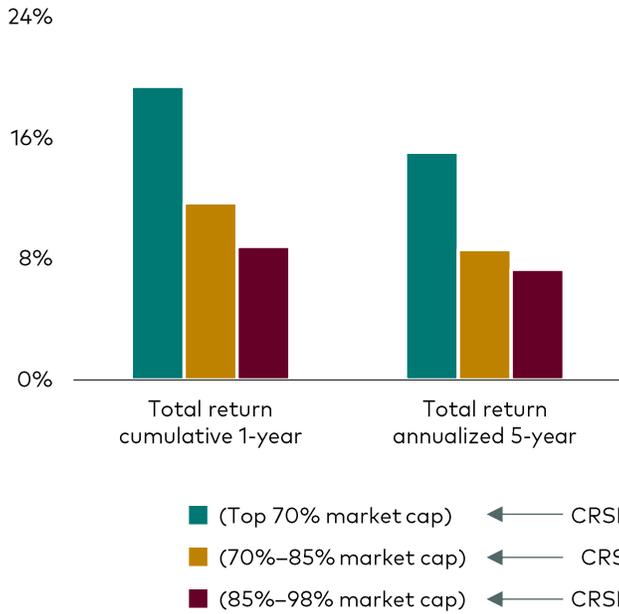


Figure 17.2 U.S. style returns

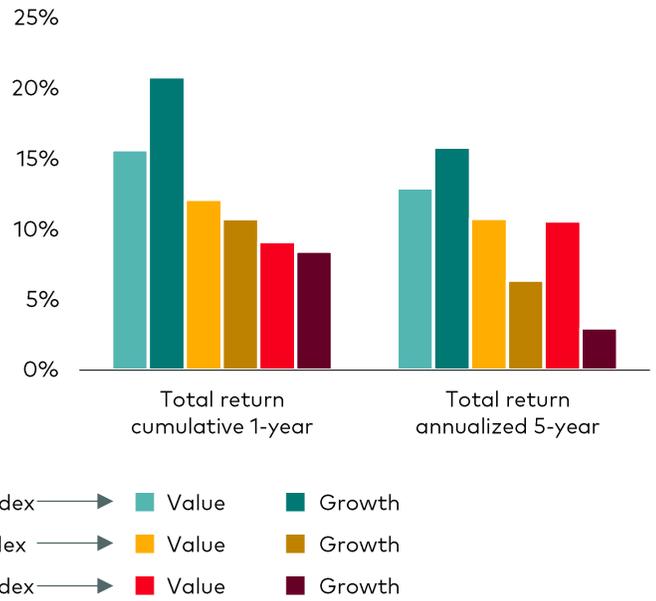
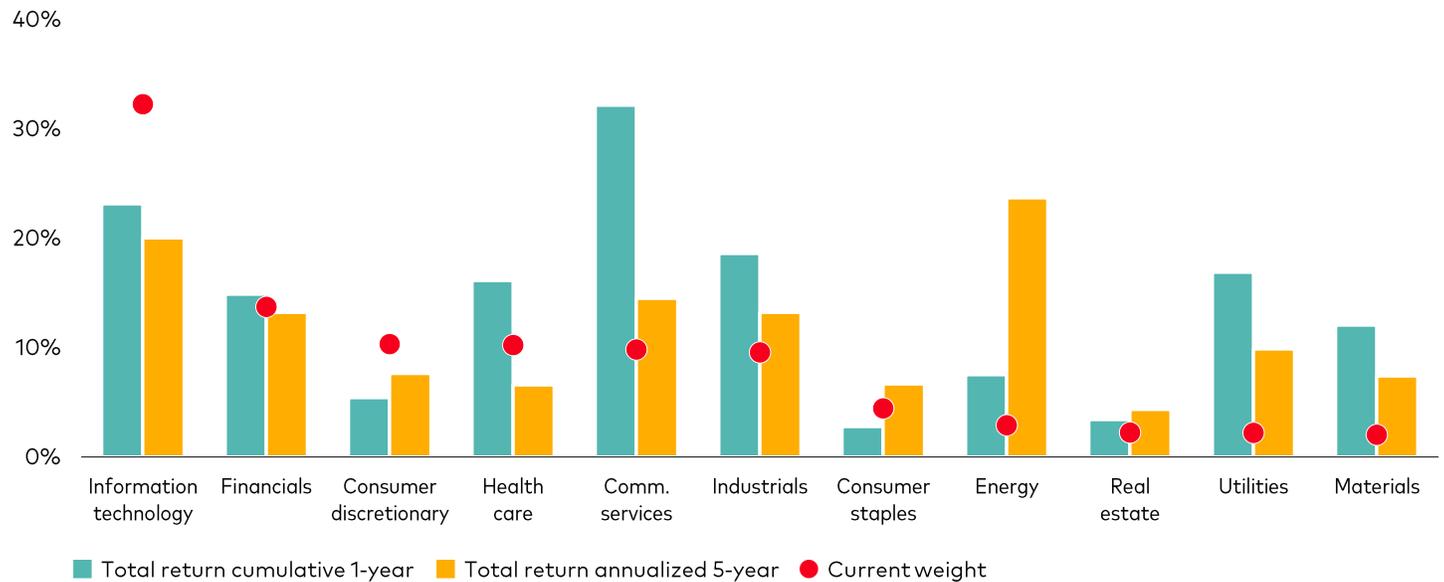


Figure 17.3 CRSP Total Stock Market: Sector exposures and returns



Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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.



Global equity markets overview

Figure 18.1 Regional returns

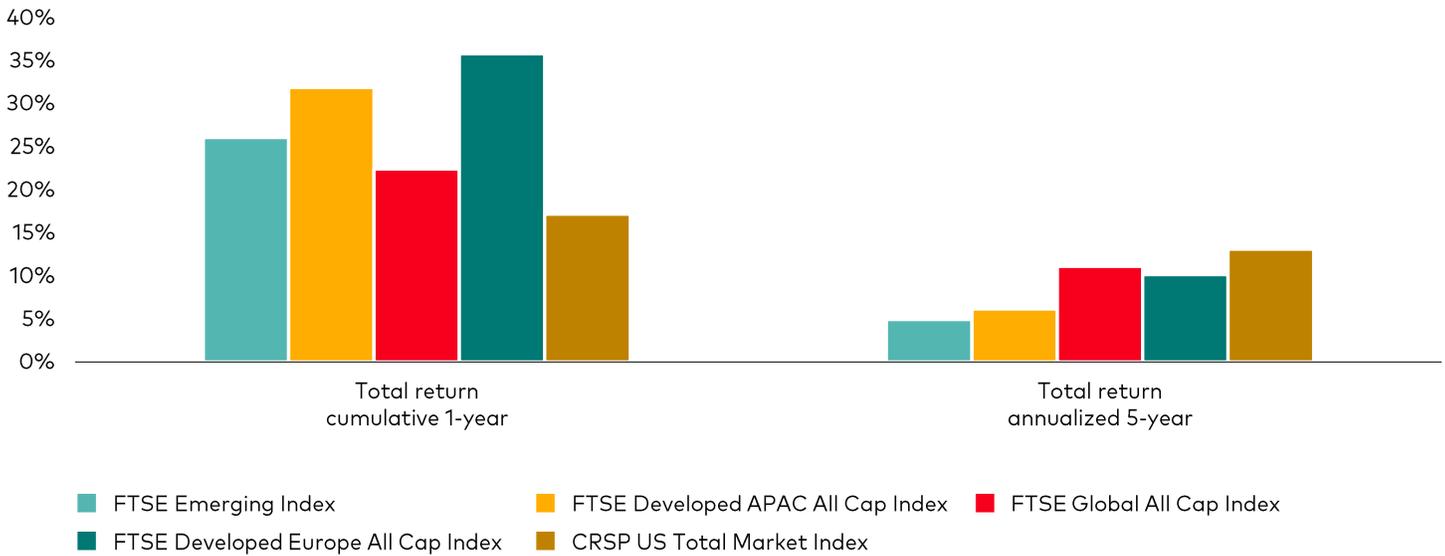


Figure 18.2 FTSE All Cap Developed ex-U.S.: Largest markets and returns¹

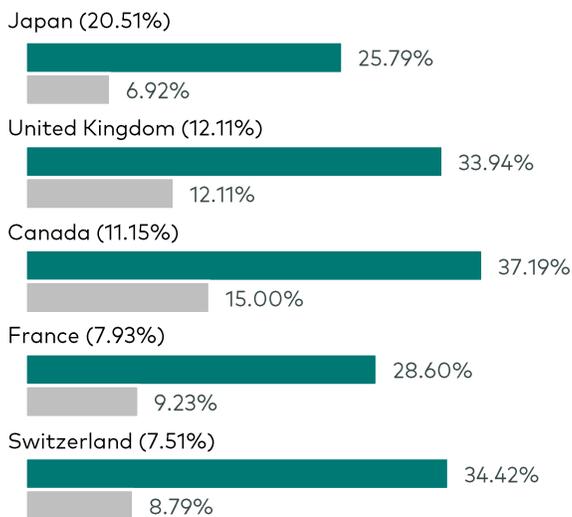
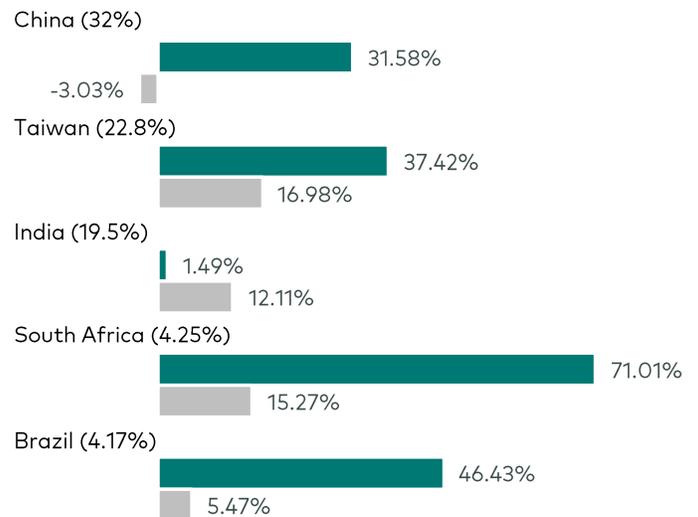


Figure 18.3 FTSE All Cap Emerging: Largest markets and returns¹



Market name (index weight) ■ Total return cumulative 1-year ■ Total return annualized 5-year

Source: FactSet. All data as of December 31, 2025, unless otherwise noted.

¹ Global benchmarks include other countries not listed above.

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.



Performance for selected Vanguard equity index funds

Figure 19.1 Fund net returns since inception

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
Vanguard Total Stock Market Index Fnd (VITSX)	0.03	2.44	17.13	22.24	13.07	14.25	9.39	7/7/1997
Vanguard Mega Cap Index Fnd (VMCTX)	0.06	3.11	19.35	25.32	15.00	15.56	12.02	2/22/2008
Vanguard Institutional Index Fnd (VINIX)	0.04	2.64	17.84	22.96	14.39	14.79	10.90	7/31/1990
Vanguard Extended Market Index Fnd (VIEIX)	0.05	0.15	11.42	17.77	6.20	11.02	9.09	7/7/1997
Vanguard Large-Cap Index Fnd (VLISX)	0.04	2.47	18.10	23.44	13.92	14.79	11.12	6/30/2005
Vanguard Mid-Cap Index Fnd (VMCIX)	0.04	-0.82	11.67	14.28	8.61	10.92	10.06	5/21/1998
Vanguard Small-Cap Index Fnd (VSCIX)	0.04	1.82	8.85	13.70	7.36	10.44	9.06	7/7/1997
Vanguard Employe Benefit Index	—	2.65	17.89	23.01	14.43	14.83	11.83	9/30/1985
Vanguard Developed Markets Index Fnd (VTMNX)	0.03	5.68	35.16	17.94	9.13	8.73	5.68	1/4/2001
Vanguard Emerging Markets Stock Index Fnd (VEMIX)	0.09	1.38	24.79	14.80	4.67	8.14	7.22	6/22/2000
Vanguard Total International Stock Index Fnd (VTSNX)	0.06	4.51	32.23	17.13	7.97	8.54	6.53	11/29/2010

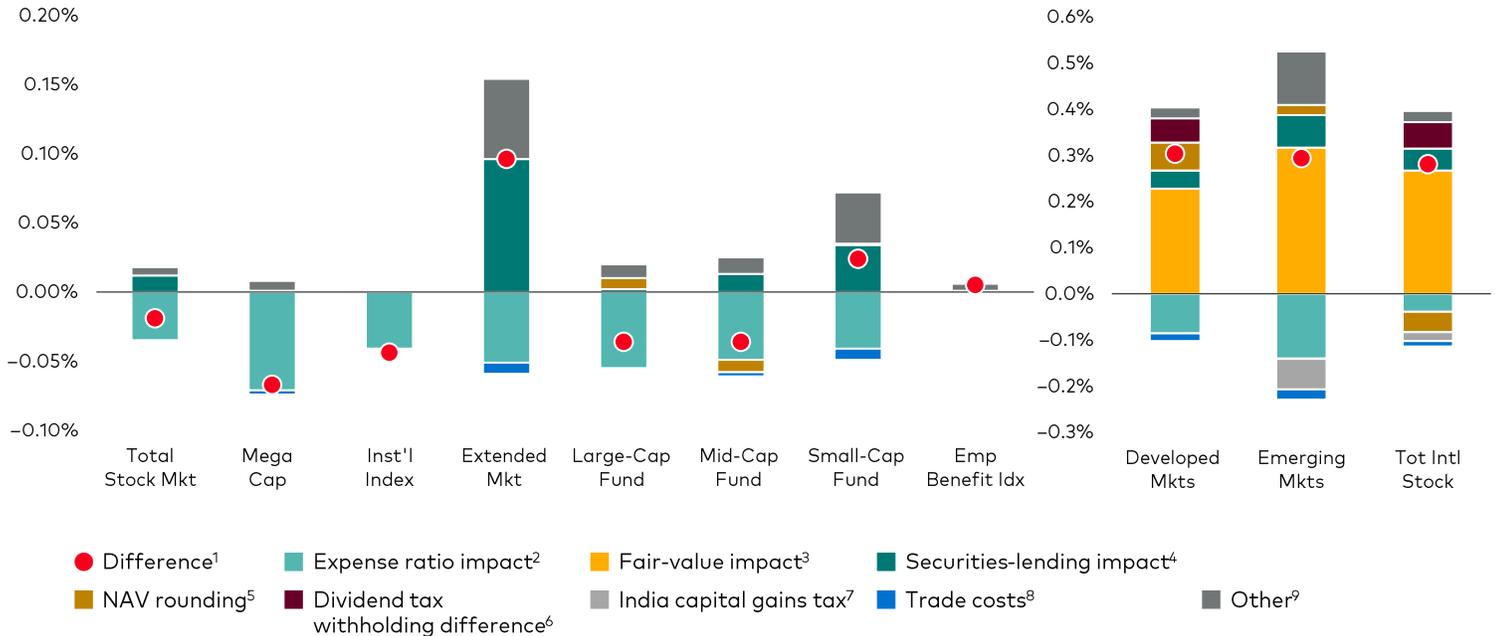
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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](https://www.vanguard.com/performance).



Attribution for selected Vanguard equity index funds

Figure 20.1 Year-to-date excess return¹ performance attribution as of December 31, 2025



	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact ³	Securities-lending impact ⁴	NAV rounding ⁵	Dividend tax withholding difference ⁶	India capital gains tax ⁷	Trade costs ⁸	Other ⁹
Vanguard Total Stock Market Index Fund (VITSX)	17.134	17.153	-0.019	-0.035	0.000	0.012	-0.001	0.000	0.000	-0.001	0.006
Vanguard Mega Cap Index Fund (VMCTX)	19.345	19.412	-0.067	-0.071	0.000	0.000	0.001	0.000	0.000	-0.003	0.007
Vanguard Institutional Index Fund (VINIX)	17.836	17.880	-0.044	-0.041	0.000	0.001	-0.001	0.000	0.000	-0.001	-0.001
Vanguard Extended Market Index Fund (VIEIX)	11.418	11.323	0.096	-0.051	0.000	0.096	0.000	0.000	0.000	-0.008	0.058
Vanguard Large-Cap Index Fund (VLISX)	18.102	18.138	-0.036	-0.055	0.000	0.002	0.008	0.000	0.000	0.000	0.010
Vanguard Mid-Cap Index Fund (VMCIX)	11.668	11.704	-0.036	-0.049	0.000	0.013	-0.009	0.000	0.000	-0.003	0.012
Vanguard Small-Cap Index Fund (VSCIX)	8.849	8.824	0.024	-0.041	0.000	0.034	0.001	0.000	0.000	-0.008	0.037
Vanguard Employee Benefit Index Fund	17.885	17.880	0.005	-0.001	0.000	0.000	0.001	0.000	0.000	-0.001	0.005
Vanguard Developed Markets Index Fund (VTMNX)	35.160	34.856	0.304	-0.086	0.228	0.039	0.061	0.052	0.000	-0.016	0.024
Vanguard Emerging Markets Stock Index Fund (VEMIX)	24.792	24.498	0.294	-0.140	0.317	0.070	0.022	-0.001	-0.066	-0.022	0.116
Vanguard Total International Stock Index Fund (VTSNX)	32.232	31.951	0.281	-0.039	0.267	0.048	-0.044	0.057	-0.019	-0.012	0.024

Numbers may not total 100% due to rounding.

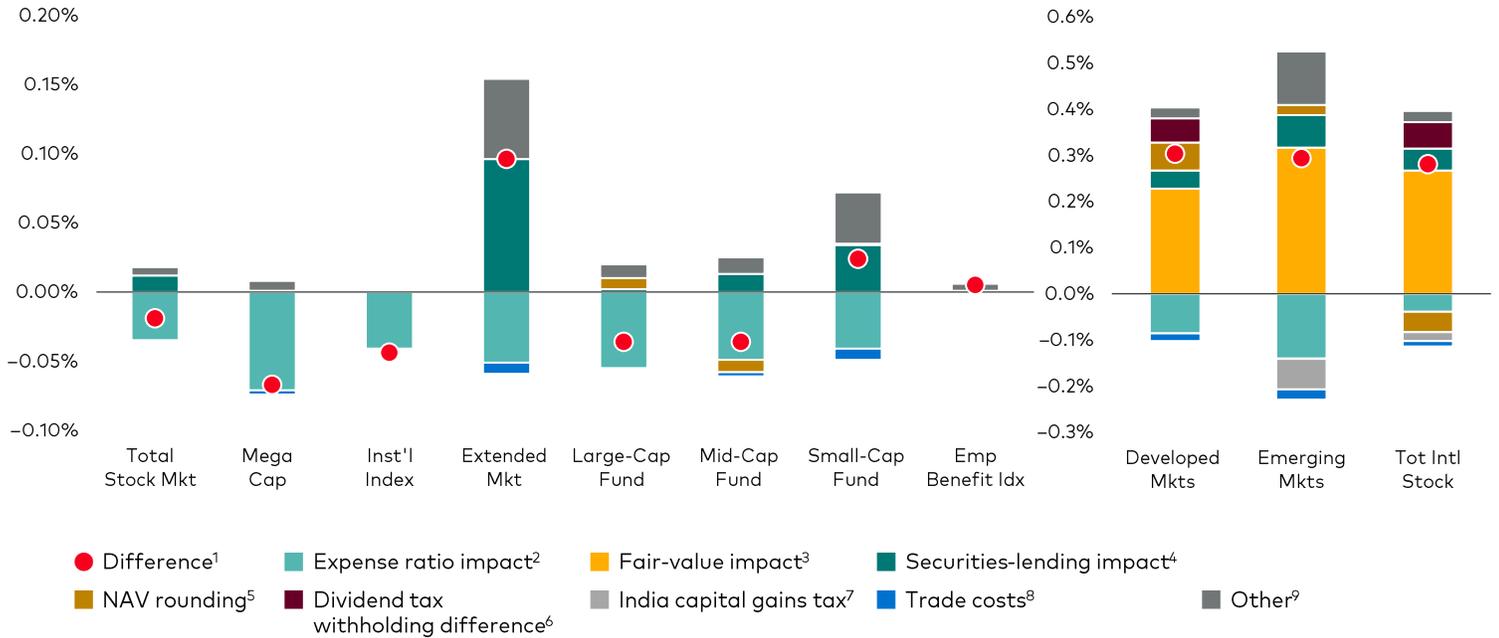
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 24 for attribution definitions. **Past performance is no guarantee of future returns.**



Attribution for selected Vanguard equity index funds

Figure 21.1 One-year excess return¹ performance attribution as of December 31, 2025



	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact ³	Securities-lending impact ⁴	NAV rounding ⁵	Dividend tax withholding difference ⁶	India capital gains tax ⁷	Trade costs ⁸	Other ⁹
Vanguard Total Stock Market Index Fund (VITSX)	17.134	17.153	-0.019	-0.035	0.000	0.012	-0.001	0.000	0.000	-0.001	0.006
Vanguard Mega Cap Index Fund (VMCTX)	19.345	19.412	-0.067	-0.071	0.000	0.000	0.001	0.000	0.000	-0.003	0.007
Vanguard Institutional Index Fund (VINIX)	17.836	17.880	-0.044	-0.041	0.000	0.001	-0.001	0.000	0.000	-0.001	-0.001
Vanguard Extended Market Index Fund (VIEIX)	11.418	11.323	0.096	-0.051	0.000	0.096	0.000	0.000	0.000	-0.008	0.058
Vanguard Large-Cap Index Fund (VLISX)	18.102	18.138	-0.036	-0.055	0.000	0.002	0.008	0.000	0.000	0.000	0.010
Vanguard Mid-Cap Index Fund (VMCIX)	11.668	11.704	-0.036	-0.049	0.000	0.013	-0.009	0.000	0.000	-0.003	0.012
Vanguard Small-Cap Index Fund (VSCIX)	8.849	8.824	0.024	-0.041	0.000	0.034	0.001	0.000	0.000	-0.008	0.037
Vanguard Employee Benefit Index Fund	17.885	17.880	0.005	-0.001	0.000	0.000	0.001	0.000	0.000	-0.001	0.005
Vanguard Developed Markets Index Fund (VTMNX)	35.160	34.856	0.304	-0.086	0.228	0.039	0.061	0.052	0.000	-0.016	0.024
Vanguard Emerging Markets Stock Index Fund (VEMIX)	24.792	24.498	0.294	-0.140	0.317	0.070	0.022	-0.001	-0.066	-0.022	0.116
Vanguard Total International Stock Index Fund (VTSNX)	32.232	31.951	0.281	-0.039	0.267	0.048	-0.044	0.057	-0.019	-0.012	0.024

Numbers may not total 100% due to rounding.

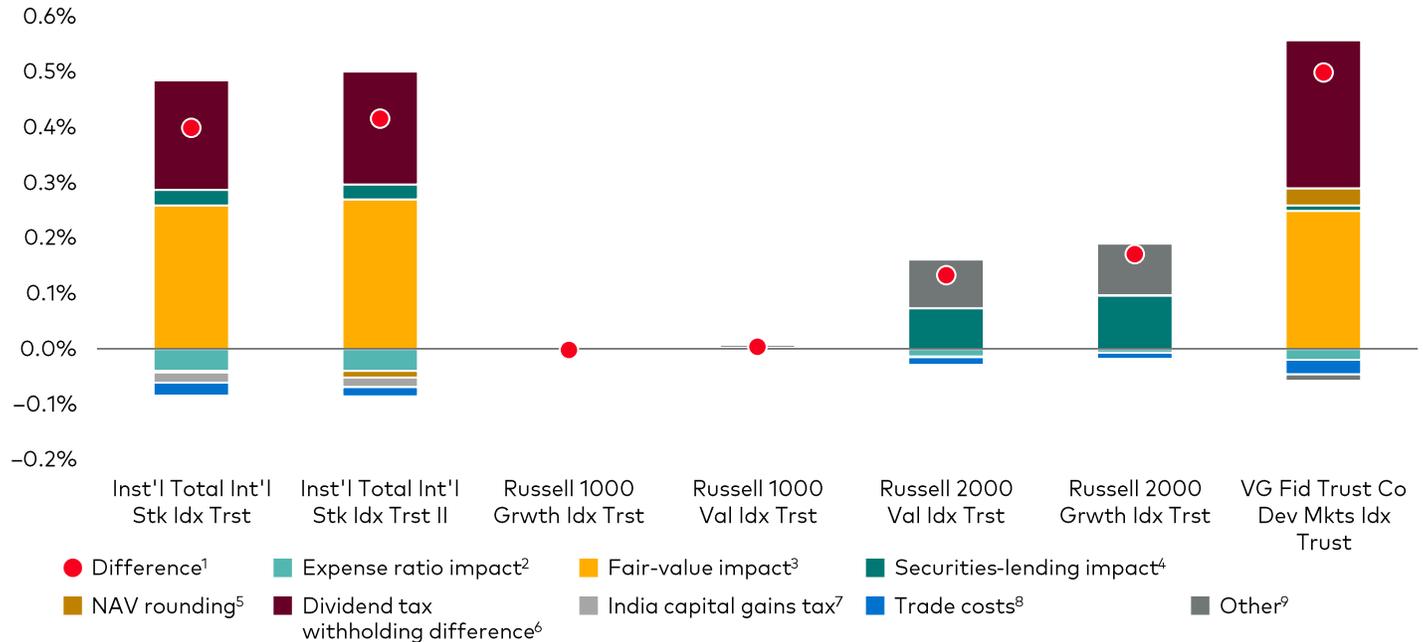
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 24 for attribution definitions. **Past performance is no guarantee of future returns.**



Attribution for selected Vanguard equity index trusts

Figure 22.1 One-year excess return¹ performance attribution as of December 31, 2025



	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact ³	Securities-lending impact ⁴	NAV rounding ⁵	Dividend tax withholding difference ⁶	India capital gains tax ⁷	Trade costs ⁸	Other ⁹
Vanguard Institutional Total International Stock Index Trust	32.350	31.951	0.399	-0.040	0.259	0.028	-0.003	0.198	-0.018	-0.024	-0.001
Vanguard Institutional Total International Stock Market Index Trust II	32.367	31.951	0.416	-0.040	0.270	0.027	-0.012	0.204	-0.017	-0.017	0.001
Vanguard Russell 1000 Growth Index Trust	18.559	18.560	-0.002	-0.001	0.000	0.001	0.000	0.000	0.000	-0.001	0.000
Vanguard Russell 1000 Value Index Trust	15.910	15.906	0.004	-0.003	0.000	0.002	0.000	0.000	0.000	-0.001	0.005
Vanguard Russell 2000 Value Index Trust	12.728	12.595	0.133	-0.014	0.000	0.073	-0.001	0.000	0.000	-0.014	0.088
Vanguard Russell 2000 Growth Index Trust	13.184	13.013	0.171	-0.007	0.000	0.096	0.001	0.000	0.000	-0.011	0.093
Vanguard Fiduciary Trust Company Developed Markets Index Trust	35.355	34.856	0.499	-0.020	0.249	0.010	0.031	0.267	0.000	-0.026	-0.012

Numbers may not total 100% due to rounding.

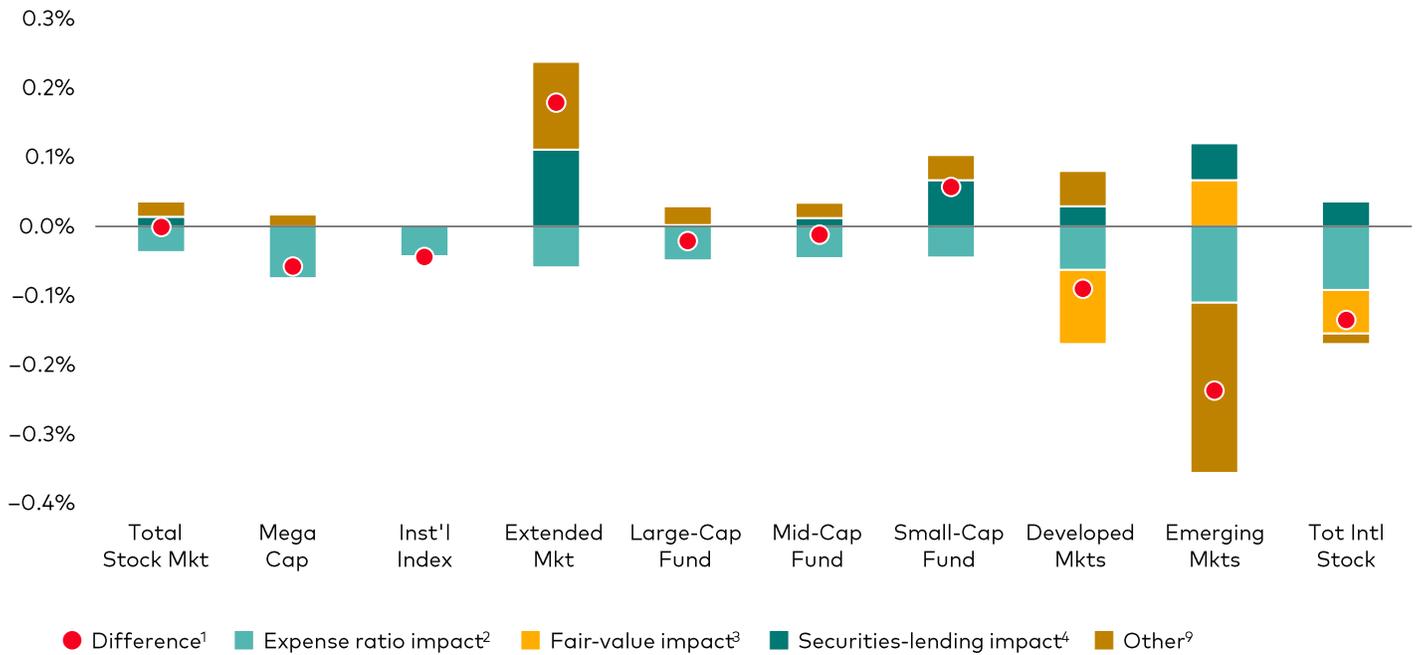
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 24 for attribution definitions. **Past performance is no guarantee of future returns.**



Attribution for selected Vanguard equity index funds

Figure 23.1 Three-year excess return¹ performance attribution as of December 31, 2025



	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact ³	Securities-lending impact ⁴	Other ⁹
Vanguard Total Stock Market Index Fund (VITSX)	22.241	22.242	-0.001	-0.037	0.000	0.014	0.022
Vanguard Mega Cap Index Fund (VMCTX)	25.322	25.380	-0.058	-0.075	0.000	0.000	0.017
Vanguard Institutional Index Fund (VINIX)	22.962	23.006	-0.044	-0.043	0.000	0.000	-0.001
Vanguard Extended Market Index Fund (VIEIX)	17.773	17.594	0.179	-0.059	0.000	0.111	0.127
Vanguard Large-Cap Index Fund (VLISX)	23.438	23.459	-0.021	-0.049	0.000	0.002	0.027
Vanguard Mid-Cap Index Fund (VMCIX)	14.284	14.296	-0.012	-0.046	0.000	0.012	0.022
Vanguard Small-Cap Index Fund (VSCIX)	13.703	13.646	0.057	-0.045	0.000	0.067	0.036
Vanguard Developed Markets Index Fund (VTMNX)	17.939	18.029	-0.090	-0.063	-0.107	0.029	0.051
Vanguard Emerging Markets Stock Index Fund (VEMIX)	14.801	15.038	-0.237	-0.110	0.067	0.053	-0.246
Vanguard Total International Stock Index Fund (VTSNX)	17.126	17.260	-0.135	-0.092	-0.063	0.036	-0.015

Numbers may not total 100% due to rounding.

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Please see page 24 for attribution definitions. **Past performance is no guarantee of future returns.**



Important information

- ¹ Difference (excess return) equals fund return minus benchmark return.
- ² Expense ratio: The cumulative compounded impact over the period of the fund's stated net expense ratio.
- ³ Fair-value pricing: Is an SEC requirement for all asset managers. Note that prospectus benchmarks do not today include the impact from fair-value pricing. Fair-value pricing is temporary, impacts occur every trading day, and impacts revert over the following few business days. Fair-value pricing impact can be both positive and negative, but it is expected to be around 0% over longer time periods.
- ⁴ Securities lending: The compounded impact of net securities lending revenue earned by the fund.
- ⁵ NAV rounding: Fund official returns are calculated using month-end NAVs with two decimal places. This impact represents the difference between official rounded and unrounded NAV performance.
- ⁶ Dividend tax withholding: For funds holding foreign stocks, countries require funds to withhold a portion of dividends paid for a country tax. Each country has a statutory rate and that rate is included in the methodology for benchmarks classified as "net of dividend withholding." Vanguard is able to negotiate lower tax rates than the statutory rates in some cases and those differences are reported here.
- ⁷ India capital gains tax: India requires all asset managers to accrue tax based on unrealized capital appreciation in Indian stocks. When tax is paid, the basis in Indian stocks is adjusted, and taxable (but not tax-deferred or exempt) investors have the ability to reclaim foreign taxes paid. Since the return for Indian equities is expected to be positive over longer time periods, this tax is expected to be a drag on performance.
- ⁸ Trade costs: The compounded impact of all explicit transaction costs to the NAV (commissions, transaction taxes, etc.).
- ⁹ Other: Includes portfolio manager decisions such as use of futures for cash equitization, index optimization, security substitution (e.g., ADRs, share classes), and trading before or after index rebalancing and corporate actions. May also includes ad hoc accounting impacts such as security sanctions as with securities listed in Russia and China that are removed from the index and, if applicable, investor purchase/redemption fees paid into the fund.



Performance for all Vanguard equity index funds

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
All-cap								
Vanguard Total Stock Market Index Fnd (VITSX)	0.03	2.44	17.13	22.24	13.07	14.25	9.39	7/7/1997
Vanguard Instl Total Stock Market Index Fnd (VITNX)	0.03	2.44	17.15	22.26	13.10	14.27	9.95	8/31/2001
Vanguard High Dividend Yield ETF (VYM)								
Market price	—	2.50	15.42	13.09	12.67	11.32	8.96	11/10/2006
NAV	0.06	2.46	15.43	13.09	12.68	11.32	8.96	11/10/2006
Vanguard Russell 3000 Index Fnd (VRTTX)	0.07	2.38	17.06	22.17	13.08	14.20	13.88	11/1/2010
Large-cap								
Vanguard Institutional Index Fnd (VINIX)	0.04	2.64	17.84	22.96	14.39	14.79	10.90	7/31/1990
Vanguard Tax-Managed Capital Apprec. Fnd (VTCIX)	0.06	2.59	17.48	22.59	13.61	14.67	8.86	2/24/1999
Vanguard FTSE Social Index Fnd (VFTNX)	0.07	2.41	17.31	24.89	13.54	15.17	10.82	1/14/2003
Vanguard Large-Cap Index Fnd (VLISX)	0.04	2.47	18.10	23.44	13.92	14.79	11.12	6/30/2005
Vanguard Mega Cap Index Fnd (VMCTX)	0.06	3.11	19.35	25.32	15.00	15.56	12.02	2/22/2008
Vanguard Mega Cap Growth Index Fnd (VMGAX)	0.06	2.67	20.73	34.51	15.75	18.36	14.33	4/3/2008
Vanguard Mega Cap Value Index Fnd (VMVLX)	0.06	3.08	15.59	13.82	12.90	11.94	9.45	3/5/2008
Vanguard Value Index Fnd (VIVIX)	0.04	2.96	15.29	13.47	12.60	11.67	7.76	7/2/1998
Vanguard Growth Index Fnd (VIGIX)	0.04	1.77	19.44	32.50	14.63	17.45	9.71	5/14/1998
Vanguard 500 Index Fnd Admiral™ (VFIAX)	0.04	2.64	17.83	22.96	14.38	14.78	8.66	11/13/2000
Vanguard S&P 500 Growth ETF (VOOG)								
Market price	—	2.23	22.11	29.19	14.91	16.85	16.71	9/7/2010
NAV	0.07	2.20	22.08	29.18	14.92	16.85	16.71	9/7/2010
Vanguard S&P 500 Value Index Fnd (VSPVX)	0.05	3.19	13.14	15.75	12.88	11.66	10.30	3/3/2015
Vanguard Russell 1000 Index Fnd (VRNIX)	0.06	2.40	17.30	22.68	13.53	14.50	14.14	10/15/2010
Vanguard Russell 1000 Value Index Fnd (VRVIX)	0.06	3.79	15.84	13.84	11.26	10.45	10.81	12/10/2010
Vanguard Russell 1000 Growth Index Fnd (VRGWX)	0.06	1.11	18.49	31.08	15.26	18.05	16.55	12/6/2010
Vanguard Dividend Apprec. Index Fnd Adm (VDADX)	0.07	2.23	14.16	15.20	11.25	13.07	11.65	12/19/2013
Vanguard Employee Benefit Index Fnd	—	2.65	17.89	23.01	14.43	14.83	11.83	9/30/1985
Vanguard Russell 1000 Growth Index Trust	—	1.12	18.56	31.17	15.33	18.14	12.90	9/30/2003
Vanguard Russell 1000 Value Index Trust	—	3.81	15.91	13.92	11.34	10.55	9.21	9/30/2003
Mid-cap								
Vanguard Extended Market Index Fnd (VIEIX)	0.05	0.15	11.42	17.77	6.20	11.02	9.09	7/7/1997
Vanguard Mid-Cap Index Fnd (VMCIX)	0.04	-0.82	11.67	14.28	8.61	10.92	10.06	5/21/1998
Vanguard S&P Mid-Cap 400 Index Fnd (VSPMX)	0.03	1.64	7.47	12.50	9.05	10.65	10.33	3/28/2011
Vanguard S&P Mid-Cap 400 Grth Index Fnd (VMFGX)	0.03	1.27	7.43	13.48	7.07	10.37	10.27	3/28/2011
Vanguard S&P Mid-Cap 400 Value Idx Fnd (VMFVX)	0.03	2.06	7.56	11.47	10.96	10.64	10.91	11/2/2010
Vanguard Mid-Cap Grth Index Fnd Adm (VMGMX)	0.07	-4.76	10.69	16.63	6.35	11.63	12.46	9/27/2011
Vanguard Mid-Cap Value Index Fnd Adm (VMVAX)	0.07	2.10	12.05	11.93	10.71	9.94	12.01	9/27/2011

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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](https://www.vanguard.com/performance).



Performance for all Vanguard equity index funds

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
Small-cap								
Vanguard Tax-Managed Small-Cap Fnd (VTSIX)	0.11	1.66	5.96	10.12	7.32	9.75	9.85	4/21/1999
Vanguard Small-Cap Index Fnd (VSCIX)	0.09	1.82	8.85	13.70	7.36	10.44	9.06	7/7/1997
Vanguard Small-Cap Value Index Fnd (VSIIIX)	0.09	2.04	9.10	12.47	10.57	10.16	9.95	12/7/1999
Vanguard Small-Cap Growth Index Fnd (VSGIX)	0.09	1.51	8.43	15.33	3.03	10.26	9.19	5/24/2000
Vanguard S&P Small-Cap 600 Index Fnd (VSMSX)	0.09	1.70	6.04	10.14	7.25	9.80	9.93	4/1/2011
Vanguard S&P Small-Cap 600 Growth ETF (VIOG)								
Market price	—	0.00	0.00	0.00	0.00	0.00	0.00	1/0/1900
NAV	0.09	0.04	5.28	10.45	5.39	9.67	11.92	9/7/2010
Vanguard S&P Small-Cap 600 Value Idx Fnd (VSMVX)	0.09	3.42	6.74	9.64	8.92	9.65	8.33	11/19/2014
Vanguard Russell 2000 Index Fnd (VRTIX)	0.09	2.20	12.88	13.81	6.15	9.70	9.47	12/22/2010
Vanguard Russell 2000 Value Index Fnd (VRTVX)	0.09	3.25	12.65	11.78	8.89	9.30	9.56	7/13/2012
Vanguard Russell 2000 Growth Index Fnd (VRTGX)	0.00	1.23	13.11	15.70	3.27	9.70	9.80	5/25/2011
Vanguard Russell 2000 Growth Index Trust	—	1.27	13.18	15.80	3.35	9.78	9.51	9/30/2003
Vanguard Russell 2000 Value Index Trust	—	3.29	12.73	11.88	8.99	9.39	8.70	9/30/2003
Sector								
Vanguard Real Estate Index Fnd (VGSNX)	0.11	-2.41	3.23	6.60	4.66	5.16	7.70	12/2/2003
Vanguard Energy Index Fnd Admiral (VENAX)	0.09	0.89	7.24	4.56	23.81	7.95	6.88	10/7/2004
Vanguard Materials Index Fnd Admiral (VMIAIX)	0.09	1.66	12.26	8.64	7.57	10.19	8.62	2/11/2004
Vanguard Industrials Index Fnd Admiral (VINAX)	0.09	1.02	18.53	19.27	13.39	13.18	9.71	5/8/2006
Vanguard Consumer Discretionary Index Fnd Admiral (VCDAX)	0.09	-0.45	5.65	22.65	8.36	13.72	11.46	7/14/2005
Vanguard Consumer Staples Idx Fnd Admiral (VCSAX)	0.09	-0.68	2.11	5.81	6.47	7.69	9.21	1/30/2004
Vanguard Health Care Index Fnd Admiral (VHCIX)	0.09	11.45	15.43	6.69	6.70	9.64	9.79	2/5/2004
Vanguard Financials Index Fnd Admiral (VFAIX)	0.09	2.16	14.90	19.59	15.21	12.98	6.86	2/4/2004
Vanguard Information Technology Idx Fnd Adm (VITAX)	0.09	1.01	21.78	33.95	17.12	22.56	14.73	3/25/2004
Vanguard Communication Services Index Fnd Admiral (VTCAX)	0.09	3.49	26.27	34.49	11.13	10.46	8.96	3/11/2005
Vanguard Utilities Index Fnd Admiral (VUIAX)	0.09	-1.60	16.39	9.85	9.49	10.41	9.83	4/28/2004

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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](https://www.vanguard.com/performance).



Performance for all Vanguard equity index funds

	Expense ratio	3 months	1 year	3 years	5 years	10 years	Since inception	Inception date
International								
Vanguard Developed Markets Index Fnd (VTMNX)	0.03	5.68	35.16	17.94	9.13	8.73	5.68	1/4/2001
Vanguard European Stock Index Fnd (VESIX)	0.06	5.36	35.44	18.37	10.14	8.72	5.44	5/15/2000
Vanguard Pacific Stock Index Fnd (VPKIX)	0.07	5.36	33.11	15.94	6.05	7.93	4.34	5/15/2000
Vanguard Emerging Markets Stock Index Fnd (VEMIX)	0.09	1.38	24.79	14.80	4.67	8.14	7.22	6/22/2000
Vanguard Int'l Dividend Appreciation Index Fnd Admiral (VIAAX)	0.16	2.20	16.84	11.65	5.46	—	8.55	3/2/2016
<i>Fund Purchase Transaction Fee: 0.25</i>								
<i>Fund Redemption Fee: 0.25</i>								
Vanguard Int'l High Dividend Yield Index Fnd Admiral (VIHAX)	0.17	7.14	38.02	19.93	13.08	—	10.25	3/2/2016
<i>Fund Purchase Transaction Fee: 0.25</i>								
<i>Fund Redemption Fee: 0.25</i>								
Vanguard Total World Stock Index Fnd (VTWIX)	0.07	3.09	22.43	20.23	11.00	11.77	11.26	10/9/2008
Vanguard FTSE All-World ex-US Index Fnd (VFWSX)	0.05	4.71	32.38	17.30	8.09	8.65	4.59	4/30/2007
Vanguard FTSE All-World ex-US Small-Cap Index Fnd (VFSNX)	0.10	2.55	29.95	15.39	6.41	7.50	9.29	4/2/2009
Vanguard Global ex-U.S. Real Estate Index Fnd (VGRNX)	0.11	0.79	22.01	8.18	0.74	3.16	3.61	4/19/2011
<i>Fund Purchase Transaction Fee: 0.25</i>								
<i>Fund Redemption Fee: 0.25</i>								
Vanguard Total International Stock Index Fnd (VTSNX)	0.06	4.51	32.23	17.13	7.97	8.54	6.53	11/29/2010
Vanguard Inst'l Total International Stock Market Index Trust	—	4.51	32.35	17.24	8.06	—	9.46	6/24/2016
Vanguard Inst'l Total International Stock Market Index Trust II	0.03	4.52	32.37	17.25	8.07	—	10.26	8/18/2020
Vanguard Developed Markets Index Trust	—	5.73	35.36	18.09	—	—	8.83	12/7/2021

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

Performance data for periods of less than one year does not reflect the deduction of purchase and redemption fees that may apply. All other performance data are adjusted for purchase and redemption fees, where applicable. If these fees were included, the performance would be lower. 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](https://www.vanguard.com/performance).



Attribution for all Vanguard equity index funds

Year to date Institutional share class unless otherwise noted	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact	Securities-lending impact	NAV rounding	Dividend tax withholding difference	India capital gains tax ³	Trade costs	Other ⁴
All-cap											
Vanguard High Dividend Yield ETF (VYM)	15.434	15.504	-0.070	-0.051	0.000	0.001	-0.020	0.000	0.000	-0.003	0.003
Vanguard Institutional Total Stock Market Index Fund (VITNX)	17.150	17.153	-0.003	-0.035	0.000	0.010	0.000	0.000	0.000	-0.002	0.024
Vanguard Russell 3000 Index Fund (VRTTX)	17.060	17.145	-0.086	-0.082	0.000	0.003	0.001	0.000	0.000	-0.001	-0.006
Vanguard Total Stock Market Index Fund (VITSX)	17.134	17.153	-0.019	-0.035	0.000	0.012	-0.001	0.000	0.000	-0.001	0.006
Large-cap											
Vanguard 500 Index Fund Admiral™ (VFIAX)	17.829	17.880	-0.051	-0.047	0.000	0.001	-0.002	0.000	0.000	-0.001	-0.003
Vanguard Dividend Appreciation Index Fund Admiral (VDADX)	14.161	14.242	-0.080	-0.081	0.000	0.000	0.005	0.000	0.000	-0.001	-0.003
Vanguard FTSE Social Index Fund (VFTNX)	17.311	17.397	-0.086	-0.087	0.000	0.000	0.005	0.000	0.000	-0.001	-0.003
Vanguard Growth Index Fund (VIGIX)	19.440	19.477	-0.037	-0.052	0.000	0.008	0.003	0.000	0.000	-0.002	0.006
Vanguard Institutional Index Fund (VINIX)	17.836	17.880	-0.044	-0.041	0.000	0.001	-0.001	0.000	0.000	-0.001	-0.001
Vanguard Large-Cap Index Fund (VLISX)	18.102	18.138	-0.036	-0.055	0.000	0.002	0.008	0.000	0.000	0.000	0.010
Vanguard Mega Cap Growth Index Fund (VMGAX)	20.726	20.796	-0.069	-0.072	0.000	0.000	0.000	0.000	0.000	-0.001	0.004
Vanguard Mega Cap Index Fund (VMCTX)	19.345	19.412	-0.067	-0.071	0.000	0.000	0.001	0.000	0.000	-0.003	0.007
Vanguard Mega Cap Value Index Fund (VMVLX)	15.589	15.637	-0.048	-0.069	0.000	0.000	0.004	0.000	0.000	-0.001	0.017
Vanguard Russell 1000 Growth Index Fund (VRGWX)	18.492	18.560	-0.069	-0.072	0.000	0.000	0.001	0.000	0.000	0.000	0.002
Vanguard Russell 1000 Index Fund (VRNIX)	17.298	17.366	-0.068	-0.071	0.000	0.001	-0.002	0.000	0.000	-0.002	0.006
Vanguard Russell 1000 Value Index Fund (VRVIX)	15.841	15.906	-0.065	-0.070	0.000	0.002	0.001	0.000	0.000	-0.001	0.003
Vanguard S&P 500 Growth ETF (VOOG)	22.084	22.176	-0.092	-0.087	0.000	0.000	0.000	0.000	0.000	-0.001	-0.004
Vanguard S&P 500 Value Index Fund (VSPVX)	13.137	13.191	-0.053	-0.059	0.000	0.001	0.000	0.000	0.000	-0.001	0.006
Vanguard Tax-Managed Capital Appreciation Fund (VTCIX)	17.475	17.366	0.110	-0.071	0.000	0.000	0.001	0.000	0.000	-0.002	0.182
Vanguard Value Index Fund (VIVIX)	15.291	15.308	-0.017	-0.028	0.000	0.001	-0.005	0.000	0.000	-0.001	0.016

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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.

Past performance is no guarantee of future returns.



Attribution for all Vanguard equity index funds

Year to date Institutional share class unless otherwise noted	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair- value impact	Securities- lending impact	NAV rounding	Dividend tax withholding difference	India capital gains tax ³	Trade costs	Other ⁴
Mid-cap											
Vanguard Extended Market Index Fund (VIEIX)	11.418	11.323	0.096	-0.051	0.000	0.096	0.000	0.000	0.000	-0.008	0.058
Vanguard Mid-Cap Growth Index Fund Admiral (VMGMX)	10.688	10.726	-0.038	-0.075	0.000	0.030	-0.003	0.000	0.000	-0.002	0.012
Vanguard Mid-Cap Index Fund (VMCIX)	11.668	11.704	-0.036	-0.049	0.000	0.013	-0.009	0.000	0.000	-0.003	0.012
Vanguard Mid-Cap Value Index Fund Admiral (VMVAX)	12.052	12.111	-0.060	-0.066	0.000	0.000	-0.011	0.000	0.000	-0.005	0.023
Vanguard S&P Mid-Cap 400 Growth Index Fund (VMFGX)	7.425	7.460	-0.035	-0.037	0.000	0.001	-0.001	0.000	0.000	-0.003	0.004
Vanguard S&P Mid-Cap 400 Index Fund (VSPMX)	7.474	7.501	-0.027	-0.037	0.000	0.001	0.002	0.000	0.000	-0.003	0.009
Vanguard S&P Mid-Cap 400 Value Index Fund (VMFVX)	7.557	7.581	-0.024	-0.037	0.000	0.001	0.000	0.000	0.000	-0.004	0.015
Small-cap											
Vanguard Russell 2000 Growth Index Fund (VRTGX)	13.109	13.013	0.096	-0.080	0.000	0.087	0.001	0.000	0.000	-0.008	0.096
Vanguard Russell 2000 Index Fund (VRTIX)	12.881	12.808	0.073	-0.075	0.000	0.086	-0.001	0.000	0.000	-0.007	0.070
Vanguard Russell 2000 Value Index Fund (VRTVX)	12.646	12.595	0.052	-0.079	0.000	0.067	0.000	0.000	0.000	-0.010	0.074
Vanguard S&P Small-Cap 600 Growth ETF (VIOG)	5.285	5.370	-0.086	-0.109	0.000	0.003	-0.013	0.000	0.000	-0.006	0.040
Vanguard S&P Small-Cap 600 Index Fund (VSMSX)	6.035	6.016	0.019	-0.036	0.000	0.011	0.001	0.000	0.000	-0.009	0.053
Vanguard S&P Small-Cap 600 Value Index Fund (VSMVX)	6.744	6.700	0.044	-0.036	0.000	0.017	0.001	0.000	0.000	-0.012	0.074
Vanguard Small-Cap Growth Index Fund (VSGIX)	8.435	8.438	-0.003	-0.075	0.000	0.043	0.002	0.000	0.000	-0.010	0.036
Vanguard Small-Cap Index Fund (VSCIX)	8.849	8.824	0.024	-0.041	0.000	0.034	0.001	0.000	0.000	-0.008	0.037
Vanguard Small-Cap Value Index Fund (VSIIIX)	9.098	9.106	-0.008	-0.053	0.000	0.028	-0.013	0.000	0.000	-0.009	0.039
Vanguard Tax-Managed Small-Cap Fund (VTSIX)	5.964	6.016	-0.052	-0.064	0.000	0.000	-0.004	0.000	0.000	-0.014	0.030

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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.

Past performance is no guarantee of future returns.



Attribution for all Vanguard equity index funds

Year to date Institutional share class unless otherwise noted	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact	Securities-lending impact	NAV rounding	Dividend tax withholding difference	India capital gains tax ³	Trade costs	Other ⁴
Sector											
Vanguard Communication Services Index Fund Admiral (VTCAX)	26.275	26.183	0.092	-0.114	0.000	0.045	0.002	0.000	0.000	-0.005	0.165
Vanguard Consumer Discretionary Index Fund Admiral (VCDAX)	5.654	5.742	-0.089	-0.095	0.000	0.011	0.002	0.000	0.000	-0.003	-0.004
Vanguard Consumer Staples Index Fund Admiral (VCSAX)	2.114	2.154	-0.040	-0.092	0.000	0.011	0.008	0.000	0.000	-0.003	0.037
Vanguard Energy Index Fund Admiral (VENAX)	7.243	7.337	-0.094	-0.097	0.000	0.005	0.006	0.000	0.000	-0.004	-0.003
Vanguard Financials Index Fund Admiral (VFAIX)	14.896	14.977	-0.081	-0.104	0.000	0.002	0.010	0.000	0.000	-0.001	0.012
Vanguard Health Care Index Fund Admiral (VHCIX)	15.435	15.541	-0.106	-0.104	0.000	0.011	-0.001	0.000	0.000	-0.002	-0.010
Vanguard Industrials Index Fund Admiral (VINAX)	18.531	18.628	-0.097	-0.107	0.000	0.009	-0.001	0.000	0.000	-0.001	0.003
Vanguard Information Technology Index Fund Admiral (VITAX)	21.784	21.897	-0.113	-0.110	0.000	0.011	0.001	0.000	0.000	-0.002	-0.012
Vanguard Materials Index Fund Admiral (VMIAX)	12.256	12.370	-0.114	-0.101	0.000	0.003	-0.007	0.000	0.000	-0.010	0.001
Vanguard Real Estate Index Fund (VGSNX)	3.227	3.307	-0.080	-0.101	0.000	0.004	0.024	0.000	0.000	-0.002	-0.005
Vanguard Utilities Index Fund Admiral (VUIAX)	16.394	16.480	-0.086	-0.105	0.000	0.002	-0.001	0.000	0.000	-0.006	0.025
International											
Vanguard Developed Markets Index Fund (VTMNX)	35.160	34.856	0.304	-0.086	0.228	0.039	0.061	0.052	0.000	-0.016	0.024
Vanguard Emerging Markets Stock Index Fund (VEMIX)	24.792	24.498	0.294	-0.140	0.317	0.070	0.022	-0.001	-0.066	-0.022	0.116
Vanguard European Stock Index Fund (VESIX)	35.441	35.789	-0.349	-0.079	-0.401	0.015	-0.016	0.092	0.000	-0.022	0.063
Vanguard FTSE All-World ex-US Index Fund (VFW SX)	32.377	32.173	0.204	-0.050	0.295	0.033	-0.011	0.001	-0.040	-0.015	-0.008
Vanguard FTSE All-World ex-US Small-Cap Index Fund (VFSNX)	29.949	29.455	0.495	-0.131	0.119	0.192	-0.001	-0.105	0.307	-0.052	0.166
Vanguard Global ex-U.S. Real Estate Index Fund (VGRNX)	22.011	21.297	0.714	-0.134	0.250	0.087	0.005	0.288	0.151	-0.018	0.086
Vanguard International Dividend Appreciation Index Fund Admiral (VIAAX)	16.842	16.365	0.477	-0.187	0.268	0.005	0.007	0.340	-0.023	-0.015	0.081
Vanguard International High Dividend Yield Index Fund Admiral (VIHAX)	38.018	38.043	-0.025	-0.242	0.169	0.023	-0.008	0.066	0.009	-0.032	-0.010
Vanguard Pacific Stock Index Fund (VPKIX)	33.115	31.860	1.255	-0.106	1.282	0.064	-0.039	-0.003	0.000	-0.010	0.068
Vanguard Total International Stock Index Fund (VTSNX)	32.232	31.951	0.281	-0.039	0.267	0.048	-0.044	0.057	-0.019	-0.012	0.024
Vanguard Total World Stock Index Fund (VTWIX)	22.429	22.411	0.017	-0.108	0.082	0.016	0.019	0.006	0.003	-0.007	0.006

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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.

Past performance is no guarantee of future returns.





Attribution for all Vanguard equity index funds

One year Institutional share class unless otherwise noted	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact	Securities-lending impact	NAV rounding	Dividend tax withholding difference	India capital gains tax ³	Trade costs	Other ⁴
All-cap											
Vanguard High Dividend Yield ETF (VYM)	15.434	15.504	-0.070	-0.051	0.000	0.001	-0.020	0.000	0.000	-0.003	0.003
Vanguard Institutional Total Stock Market Index Fund (VITNX)	17.150	17.153	-0.003	-0.035	0.000	0.010	0.000	0.000	0.000	-0.002	0.024
Vanguard Russell 3000 Index Fund (VRTTX)	17.060	17.145	-0.086	-0.082	0.000	0.003	0.001	0.000	0.000	-0.001	-0.006
Vanguard Total Stock Market Index Fund (VITXS)	17.134	17.153	-0.019	-0.035	0.000	0.012	-0.001	0.000	0.000	-0.001	0.006
Large-cap											
Vanguard 500 Index Fund Admiral (VFIAX)	17.829	17.880	-0.051	-0.047	0.000	0.001	-0.002	0.000	0.000	-0.001	-0.003
Vanguard Dividend Appreciation Index Fund Admiral (VDADX)	14.161	14.242	-0.080	-0.081	0.000	0.000	0.005	0.000	0.000	-0.001	-0.003
Vanguard FTSE Social Index Fund (VFTNX)	17.311	17.397	-0.086	-0.087	0.000	0.000	0.005	0.000	0.000	-0.001	-0.003
Vanguard Growth Index Fund (VIGIX)	19.440	19.477	-0.037	-0.052	0.000	0.008	0.003	0.000	0.000	-0.002	0.006
Vanguard Institutional Index Fund (VINIX)	17.836	17.880	-0.044	-0.041	0.000	0.001	-0.001	0.000	0.000	-0.001	-0.001
Vanguard Large-Cap Index Fund (VLISX)	18.102	18.138	-0.036	-0.055	0.000	0.002	0.008	0.000	0.000	0.000	0.010
Vanguard Mega Cap Growth Index Fund (VMGAX)	20.726	20.796	-0.069	-0.072	0.000	0.000	0.000	0.000	0.000	-0.001	0.004
Vanguard Mega Cap Index Fund (VMCTX)	19.345	19.412	-0.067	-0.071	0.000	0.000	0.001	0.000	0.000	-0.003	0.007
Vanguard Mega Cap Value Index Fund (VMVLX)	15.589	15.637	-0.048	-0.069	0.000	0.000	0.004	0.000	0.000	-0.001	0.017
Vanguard Russell 1000 Growth Index Fund (VRGWX)	18.492	18.560	-0.069	-0.072	0.000	0.000	0.001	0.000	0.000	0.000	0.002
Vanguard Russell 1000 Index Fund (VRNIX)	17.298	17.366	-0.068	-0.071	0.000	0.001	-0.002	0.000	0.000	-0.002	0.006
Vanguard Russell 1000 Value Index Fund (VRVIX)	15.841	15.906	-0.065	-0.070	0.000	0.002	0.001	0.000	0.000	-0.001	0.003
Vanguard S&P 500 Growth ETF (VOOG)	22.084	22.176	-0.092	-0.087	0.000	0.000	0.000	0.000	0.000	-0.001	-0.004
Vanguard S&P 500 Value Index Fund (VSPVX)	13.137	13.191	-0.053	-0.059	0.000	0.001	0.000	0.000	0.000	-0.001	0.006
Vanguard Tax-Managed Capital Appreciation Fund (VTCIX)	17.475	17.366	0.110	-0.071	0.000	0.000	0.001	0.000	0.000	-0.002	0.182
Vanguard Value Index Fund (VIVIX)	15.291	15.308	-0.017	-0.028	0.000	0.001	-0.005	0.000	0.000	-0.001	0.016

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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.

Past performance is no guarantee of future returns.



Attribution for all Vanguard equity index funds

One year Institutional share class unless otherwise noted	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact	Securities-lending impact	NAV rounding	Dividend tax withholding difference	India capital gains tax ³	Trade costs	Other ⁴
Mid-cap											
Vanguard Extended Market Index Fund (VIEIX)	11.418	11.323	0.096	-0.051	0.000	0.096	0.000	0.000	0.000	-0.008	0.058
Vanguard Mid-Cap Growth Index Fund Admiral (VMGMX)	10.688	10.726	-0.038	-0.075	0.000	0.030	-0.003	0.000	0.000	-0.002	0.012
Vanguard Mid-Cap Index Fund (VMCIX)	11.668	11.704	-0.036	-0.049	0.000	0.013	-0.009	0.000	0.000	-0.003	0.012
Vanguard Mid-Cap Value Index Fund Admiral (VMVAX)	12.052	12.111	-0.060	-0.066	0.000	0.000	-0.011	0.000	0.000	-0.005	0.023
Vanguard S&P Mid-Cap 400 Growth Index Fund (VMFGX)	7.425	7.460	-0.035	-0.037	0.000	0.001	-0.001	0.000	0.000	-0.003	0.004
Vanguard S&P Mid-Cap 400 Index Fund (VSPMX)	7.474	7.501	-0.027	-0.037	0.000	0.001	0.002	0.000	0.000	-0.003	0.009
Vanguard S&P Mid-Cap 400 Value Index Fund (VMFVX)	7.557	7.581	-0.024	-0.037	0.000	0.001	0.000	0.000	0.000	-0.004	0.015
Small-cap											
Vanguard Russell 2000 Growth Index Fund (VRTGX)	13.109	13.013	0.096	-0.080	0.000	0.087	0.001	0.000	0.000	-0.008	0.096
Vanguard Russell 2000 Index Fund (VRTIX)	12.881	12.808	0.073	-0.075	0.000	0.086	-0.001	0.000	0.000	-0.007	0.070
Vanguard Russell 2000 Value Index Fund (VRTVX)	12.646	12.595	0.052	-0.079	0.000	0.067	0.000	0.000	0.000	-0.010	0.074
Vanguard S&P Small-Cap 600 Growth ETF (VIOG)	5.285	5.370	-0.086	-0.109	0.000	0.003	-0.013	0.000	0.000	-0.006	0.040
Vanguard S&P Small-Cap 600 Index Fund (VSMSX)	6.035	6.016	0.019	-0.036	0.000	0.011	0.001	0.000	0.000	-0.009	0.053
Vanguard S&P Small-Cap 600 Value Index Fund (VSMVX)	6.744	6.700	0.044	-0.036	0.000	0.017	0.001	0.000	0.000	-0.012	0.074
Vanguard Small-Cap Growth Index Fund (VSGIX)	8.435	8.438	-0.003	-0.075	0.000	0.043	0.002	0.000	0.000	-0.010	0.036
Vanguard Small-Cap Index Fund (VSCIX)	8.849	8.824	0.024	-0.041	0.000	0.034	0.001	0.000	0.000	-0.008	0.037
Vanguard Small-Cap Value Index Fund (VSIIX)	9.098	9.106	-0.008	-0.053	0.000	0.028	-0.013	0.000	0.000	-0.009	0.039
Vanguard Tax-Managed Small-Cap Fund (VTSIX)	5.964	6.016	-0.052	-0.064	0.000	0.000	-0.004	0.000	0.000	-0.014	0.030

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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.

Past performance is no guarantee of future returns.





Attribution for all Vanguard equity index funds

One year Institutional share class unless otherwise noted	Fund return	Benchmark return	Difference ¹	Expense ratio impact ²	Fair-value impact	Securities-lending impact	NAV rounding	Dividend tax withholding difference	India capital gains tax ³	Trade costs	Other ⁴
Sector											
Vanguard Communication Services Index Fund Admiral (VTCAX)	26.275	26.183	0.092	-0.114	0.000	0.045	0.002	0.000	0.000	-0.005	0.165
Vanguard Consumer Discretionary Index Fund Admiral (VCDAX)	5.654	5.742	-0.089	-0.095	0.000	0.011	0.002	0.000	0.000	-0.003	-0.004
Vanguard Consumer Staples Index Fund Admiral (VCSAX)	2.114	2.154	-0.040	-0.092	0.000	0.011	0.008	0.000	0.000	-0.003	0.037
Vanguard Energy Index Fund Admiral (VENAX)	7.243	7.337	-0.094	-0.097	0.000	0.005	0.006	0.000	0.000	-0.004	-0.003
Vanguard Financials Index Fund Admiral (VFAIX)	14.896	14.977	-0.081	-0.104	0.000	0.002	0.010	0.000	0.000	-0.001	0.012
Vanguard Health Care Index Fund Admiral (VHCIX)	15.435	15.541	-0.106	-0.104	0.000	0.011	-0.001	0.000	0.000	-0.002	-0.010
Vanguard Industrials Index Fund Admiral (VINAX)	18.531	18.628	-0.097	-0.107	0.000	0.009	-0.001	0.000	0.000	-0.001	0.003
Vanguard Information Technology Index Fund Admiral (VITAX)	21.784	21.897	-0.113	-0.110	0.000	0.011	0.001	0.000	0.000	-0.002	-0.012
Vanguard Materials Index Fund Admiral (VMIAX)	12.256	12.370	-0.114	-0.101	0.000	0.003	-0.007	0.000	0.000	-0.010	0.001
Vanguard Real Estate Index Fund (VGSNX)	3.227	3.307	-0.080	-0.101	0.000	0.004	0.024	0.000	0.000	-0.002	-0.005
Vanguard Utilities Index Fund Admiral (VUIAX)	16.394	16.480	-0.086	-0.105	0.000	0.002	-0.001	0.000	0.000	-0.006	0.025
International											
Vanguard Developed Markets Index Fund (VTMNX)	35.160	34.856	0.304	-0.086	0.228	0.039	0.061	0.052	0.000	-0.016	0.024
Vanguard Emerging Markets Stock Index Fund (VEMIX)	24.792	24.498	0.294	-0.140	0.317	0.070	0.022	-0.001	-0.066	-0.022	0.116
Vanguard European Stock Index Fund (VESIX)	35.441	35.789	-0.349	-0.079	-0.401	0.015	-0.016	0.092	0.000	-0.022	0.063
Vanguard FTSE All-World ex-US Index Fund (VFWSX)	32.377	32.173	0.204	-0.050	0.295	0.033	-0.011	0.001	-0.040	-0.015	-0.008
Vanguard FTSE All-World ex-US Small-Cap Index Fund (VFSNX)	29.949	29.455	0.495	-0.131	0.119	0.192	-0.001	-0.105	0.307	-0.052	0.166
Vanguard Global ex-U.S. Real Estate Index Fund (VGRNX)	22.011	21.297	0.714	-0.134	0.250	0.087	0.005	0.288	0.151	-0.018	0.086
Vanguard International Dividend Appreciation Index Fund Admiral (VIAAX)	16.842	16.365	0.477	-0.187	0.268	0.005	0.007	0.340	-0.023	-0.015	0.081
Vanguard International High Dividend Yield Index Fund Admiral (VIHAX)	38.018	38.043	-0.025	-0.242	0.169	0.023	-0.008	0.066	0.009	-0.032	-0.010
Vanguard Pacific Stock Index Fund (VPKIX)	33.115	31.860	1.255	-0.106	1.282	0.064	-0.039	-0.003	0.000	-0.010	0.068
Vanguard Total International Stock Index Fund (VTSNX)	32.232	31.951	0.281	-0.039	0.267	0.048	-0.044	0.057	-0.019	-0.012	0.024
Vanguard Total World Stock Index Fund (VTWIX)	22.429	22.411	0.017	-0.108	0.082	0.016	0.019	0.006	0.003	-0.007	0.006

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.

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.

Past performance is no guarantee of future returns.





Securities lending

IN THIS SECTION:

Vanguard securities-lending program
overview

Vanguard securities lending by fund

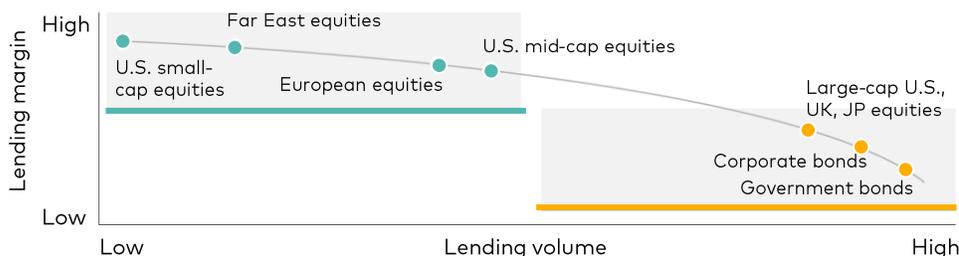


Vanguard securities-lending program overview

Lending securities from equity index funds provides an opportunity to increase portfolio returns. There are two broad strategic approaches to securities lending: value and volume. Vanguard is a value lender, meaning we seek to optimize client outcomes by maximizing revenue generation while minimizing the percentage of the portfolio on loan to manage risk. Additionally, Vanguard’s at-cost lending program returns more than 95% of securities-lending revenues directly back to the funds, a competitive and shareholder-friendly return rate.

Figure 35.1 Securities-lending program overview

Vanguard’s lending program focuses on lending “specials”—securities with a high lending margin—to maximize the return generated by each loan.



Asset-weighted cost (2024)	5.4%
Revenue returned to funds (2024)	94.6%
Range of acceptable loans by regulations	Up to 33% of gross assets
– Best practice range by Vanguard	0% to 7% of gross assets
Weighted-average percentage of portfolios on loan	0.33% of gross assets

Vanguard Fixed Income Group’s credit research team manages a list of approved borrowers and assigns each a credit limit. Vanguard considers the financial viability of all approved counterparties on an ongoing basis and monitors individual counterparty exposure daily. If necessary, the amounts on loan are adjusted based on changes in perceived creditworthiness of each borrowing institution. Collateral is reinvested in a conservative, internally managed money market fund called the Market Liquidity Fund.

Total average market value on loan for 4Q 2025

JP Morgan Securities PLC	\$3,704,493,275
Goldman Sachs & Co. LLC	\$3,575,153,432
Morgan Stanley & Co. LLC	\$3,346,289,354
JP Morgan Securities LLC	\$2,880,680,407
Morgan Stanley & Co. Intl PLC	\$2,876,463,686



Market Liquidity Fund sector allocation and key characteristics

● Repurchase agreements	39.4%
● US Treasuries	33.1%
● Agencies	25.6%
● Cash	1.9%

Average maturity	30
Expense ratio	0.5 bps
SEC yield	3.77%
Number of holdings	246

Securities lending from fixed income funds

Vanguard lends securities only from its equity funds. We lent securities from our fixed income funds until 2009, when market conditions made the risk-reward unattractive. We continually monitor market conditions and other factors, periodically reevaluating our securities-lending program’s effectiveness in meeting its goal of giving our clients the best chance for investment success.

Numbers may not total 100% due to rounding.
Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.



Vanguard securities lending by fund

Figure 36.1 2024/2025 securities-lending data by fund

	Year	Average market value of open loans	Average % on loan	Total period earned income	Income as % of average fund assets
All-cap					
Vanguard Institutional Total Stock Market Index Fund	2024	\$22,957,912	0.07%	\$2,567,986	0.01%
	2025	\$17,678,559	0.06%	\$2,437,101	0.01%
Vanguard Russell 3000 Index Fund	2024	\$1,386,897	0.04%	\$223,047	0.01%
	2025	\$1,225,212	0.03%	\$116,451	0.00%
Vanguard High Dividend Yield Index Fund	2024	\$23,177,250	0.03%	\$2,868,370	0.00%
	2025	\$21,698,084	0.03%	\$380,647	0.00%
Vanguard Total Stock Market Index Fund	2024	\$3,236,641,182	0.20%	\$177,518,964	0.01%
	2025	\$3,676,469,384	0.20%	\$194,031,189	0.01%
Large-cap					
Vanguard 500 Index Fund	2024	\$64,406,307	0.01%	\$2,709,792	0.00%
	2025	\$65,311,985	0.00%	\$10,002,223	0.00%
Vanguard Dividend Appreciation Index Fund	2024	\$8,933,418	0.01%	\$666,668	0.00%
	2025	\$1,372,999	0.00%	\$16,829	0.00%
Vanguard Employee Benefit Index Fund	2024	\$6,469,911	0.03%	\$48,129	0.00%
	2025	\$8,579,521	0.04%	\$33,838	0.00%
Vanguard FTSE Social Index Fund	2024	\$2,763,482	0.01%	\$419,273	0.00%
	2025	\$373,534	0.00%	\$7,083	0.00%
Vanguard Growth Index Fund	2024	\$24,420,456	0.01%	\$540,145	0.00%
	2025	\$70,474,410	0.02%	\$20,575,855	0.01%
Vanguard Institutional Index Fund	2024	\$12,598,195	0.00%	\$587,448	0.00%
	2025	\$12,199,504	0.00%	\$2,114,693	0.00%
Vanguard Large-Cap Index Fund	2024	\$3,166,889	0.01%	\$656,710	0.00%
	2025	\$3,949,291	0.01%	\$1,247,293	0.00%
Vanguard Mega Cap Growth Index Fund	2024	\$57,231	0.00%	\$2,228	0.00%
	2025	\$252,940	0.00%	\$1,567	0.00%
Vanguard Mega Cap Index Fund	2024	\$8,587	0.00%	\$525	0.00%
	2025	\$0	0.00%	\$43	0.00%
Vanguard Mega Cap Value Index Fund	2024	\$5,931	0.00%	\$85	0.00%
	2025	\$58	0.00%	\$69	0.00%
Vanguard Russell 1000 Growth Index Fund	2024	\$3,088,367	0.01%	\$147,399	0.00%
	2025	\$4,947,670	0.01%	\$124,360	0.00%
Vanguard Russell 1000 Growth Index Trust	2024	\$1,693,647	0.03%	\$31,691	0.00%
	2025	\$5,292,123	0.07%	\$38,064	0.00%
Vanguard Russell 1000 Index Fund	2024	\$1,463,869	0.02%	\$181,150	0.00%
	2025	\$1,098,011	0.01%	\$64,311	0.00%
Vanguard Russell 1000 Value Index Fund	2024	\$6,018,105	0.06%	\$532,317	0.01%
	2025	\$4,364,765	0.03%	\$209,154	0.00%
Vanguard Russell 1000 Value Index Trust	2024	\$7,206,112	0.24%	\$149,041	0.00%
	2025	\$5,180,412	0.15%	\$61,389	0.00%
Vanguard S&P 500 Growth Index Fund	2024	\$39,376	0.00%	\$2,077	0.00%
	2025	\$456,902	0.00%	\$3,100	0.00%
Vanguard S&P 500 Value Index Fund	2024	\$249,275	0.01%	\$26,324	0.00%
	2025	\$173,958	0.00%	\$41,053	0.00%
Vanguard Tax-Managed Capital Appreciation Fund	2024	\$0	0.00%	\$0	0.00%
	2025	\$0	0.00%	\$0	0.00%
Vanguard Value Index Fund	2024	\$29,611,295	0.02%	\$4,133,625	0.00%
	2025	\$15,164,059	0.01%	\$1,062,781	0.00%

Cash is currently the only acceptable form of collateral. All U.S. and international equities are marked to market daily with a minimum collateralization required equal to 102% and 105%, respectively, of the market value of the security.

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.



Vanguard securities lending by fund

Figure 37.1 2024/2025 securities-lending data by fund

	Year	Average market value of open loans	Average % on loan	Total period earned income	Income as % of average fund assets
Mid-cap					
Vanguard Extended Market Index Fund	2024	\$1,480,070,762	1.45%	\$92,707,124	0.09%
	2025	\$1,466,916,531	1.48%	\$81,727,037	0.08%
Vanguard Mid-Cap Growth Index Fund	2024	\$12,154,070	0.05%	\$333,260	0.00%
	2025	\$29,433,646	0.10%	\$8,762,850	0.03%
Vanguard Mid-Cap Index Fund	2024	\$125,362,027	0.08%	\$10,860,501	0.01%
	2025	\$90,781,853	0.05%	\$22,676,784	0.01%
Vanguard Mid-Cap Value Index Fund	2024	\$29,874,498	0.10%	\$4,770,208	0.02%
	2025	\$3,316,471	0.01%	\$105,470	0.00%
Vanguard S&P Mid-Cap 400 Growth Index Fund	2024	\$742,124	0.06%	\$25,381	0.00%
	2025	\$1,265,946	0.10%	\$12,413	0.00%
Vanguard S&P Mid-Cap 400 Index Fund	2024	\$6,313,904	0.18%	\$157,182	0.00%
	2025	\$5,396,886	0.13%	\$47,686	0.00%
Vanguard S&P Mid-Cap 400 Value Index Fund	2024	\$2,607,412	0.26%	\$70,920	0.01%
	2025	\$796,583	0.07%	\$9,534	0.00%
Small-cap					
Vanguard Russell 2000 Growth Index Fund	2024	\$13,154,240	1.12%	\$1,714,469	0.15%
	2025	\$14,163,579	1.16%	\$934,398	0.08%
Vanguard Russell 2000 Growth Index Trust	2024	\$90,330,248	4.33%	\$3,319,184	0.16%
	2025	\$63,818,374	4.01%	\$1,268,393	0.08%
Vanguard Russell 2000 Index Fund	2024	\$155,608,064	1.56%	\$11,529,726	0.12%
	2025	\$236,482,151	1.87%	\$10,282,357	0.08%
Vanguard Russell 2000 Value Index Fund	2024	\$6,373,099	0.70%	\$608,279	0.07%
	2025	\$7,437,689	0.87%	\$493,992	0.06%
Vanguard Russell 2000 Value Index Trust	2024	\$15,901,656	2.76%	\$424,574	0.07%
	2025	\$15,489,245	2.90%	\$342,205	0.06%
Vanguard S&P Small-Cap 600 Index Fund	2024	\$32,407,876	0.70%	\$1,139,125	0.02%
	2025	\$33,013,886	0.72%	\$457,260	0.01%
Vanguard S&P Small-Cap 600 Growth Index Fund	2024	\$841,971	0.10%	\$14,607	0.00%
	2025	\$1,917,511	0.22%	\$24,528	0.00%
Vanguard S&P Small-Cap 600 Value Index Fund	2024	\$13,643,925	0.97%	\$641,325	0.05%
	2025	\$11,340,657	0.83%	\$212,085	0.02%
Vanguard Small-Cap Growth Index Fund	2024	\$560,066,778	1.63%	\$22,927,133	0.07%
	2025	\$496,929,348	1.33%	\$14,883,762	0.04%
Vanguard Small-Cap Index Fund	2024	\$1,622,469,304	1.14%	\$65,524,782	0.05%
	2025	\$1,522,361,214	0.98%	\$48,212,328	0.03%
Vanguard Small-Cap Value Index Fund	2024	\$378,908,595	0.70%	\$16,027,387	0.03%
	2025	\$389,730,905	0.68%	\$14,434,921	0.03%
Vanguard Tax-Managed Small-Cap Fund	2024	\$0	0.00%	\$0	0.00%
	2025	\$0	0.00%	\$0	0.00%

Cash is currently the only acceptable form of collateral. All U.S. and international equities are marked to market daily with a minimum collateralization required equal to 102% and 105%, respectively, of the market value of the security.

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.



Vanguard securities lending by fund

Figure 38.1 2024/2025 securities-lending data by fund

Sector	Year	Average market value of open loans	Average % on loan	Total period earned income	Income as % of average fund assets
Vanguard Consumer Discretionary Index Fund	2024	\$18,869,812	0.31%	\$1,905,088	0.03%
	2025	\$11,145,617	0.16%	\$689,425	0.01%
Vanguard Consumer Staples Index Fund	2024	\$6,675,294	0.08%	\$3,821,685	0.05%
	2025	\$4,029,556	0.05%	\$937,220	0.01%
Vanguard Energy Index Fund	2024	\$17,491,814	0.17%	\$537,892	0.01%
	2025	\$15,912,516	0.18%	\$386,348	0.00%
Vanguard Financials Index Fund	2024	\$9,548,352	0.09%	\$544,151	0.01%
	2025	\$5,437,098	0.04%	\$239,141	0.00%
Vanguard Health Care Index Fund	2024	\$28,054,978	0.14%	\$2,086,968	0.01%
	2025	\$36,670,032	0.20%	\$1,668,631	0.01%
Vanguard Industrials Index Fund	2024	\$9,647,126	0.18%	\$738,583	0.01%
	2025	\$7,272,492	0.12%	\$501,370	0.01%
Vanguard Information Technology Index Fund	2024	\$190,305,727	0.23%	\$6,835,492	0.01%
	2025	\$380,095,952	0.35%	\$9,884,680	0.01%
Vanguard Materials Index Fund	2024	\$7,638,552	0.19%	\$371,588	0.01%
	2025	\$5,910,023	0.15%	\$88,867	0.00%
Vanguard Real Estate II Index Fund	2024	\$15,557,843	0.17%	\$336,236	0.00%
	2025	\$16,095,598	0.17%	\$425,258	0.00%
Vanguard Real Estate Index Fund	2024	\$174,361,816	0.27%	\$2,742,008	0.00%
	2025	\$154,967,253	0.24%	\$2,553,536	0.00%
Vanguard Communication Services Index Fund	2024	\$15,039,348	0.36%	\$5,393,902	0.13%
	2025	\$17,686,808	0.33%	\$1,643,758	0.03%
Vanguard Utilities Index Fund	2024	\$6,440,527	0.09%	\$106,787	0.00%
	2025	\$7,964,993	0.09%	\$130,650	0.00%

Cash is currently the only acceptable form of collateral. All U.S. and international equities are marked to market daily with a minimum collateralization required equal to 102% and 105%, respectively, of the market value of the security.

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.



Vanguard securities lending by fund

Figure 39.1 2024/2025 securities-lending data by fund

	Year	Average market value of open loans	Average % on loan	Total period earned income	Income as % of average fund assets
International					
Vanguard Developed Markets Index Fund	2024	\$1,613,775,626	0.85%	\$43,245,372	0.02%
	2025	\$2,045,896,743	0.91%	\$68,282,185	0.03%
Vanguard Emerging Markets Stock Index Fund	2024	\$1,081,864,974	1.02%	\$46,183,973	0.04%
	2025	\$1,659,723,639	1.36%	\$75,236,699	0.06%
Vanguard European Stock Index Fund	2024	\$80,811,560	0.32%	\$2,685,819	0.01%
	2025	\$161,568,800	0.54%	\$3,538,920	0.01%
Vanguard Fiduciary Trust Company Developed Markets Index Trust	2024	\$7,185,931	0.19%	\$291,376	0.01%
	2025	\$7,572,829	0.15%	\$381,692	0.01%
Vanguard FTSE All-World ex-US Index Fund	2024	\$405,643,216	0.73%	\$11,083,205	0.02%
	2025	\$488,856,273	0.75%	\$17,298,654	0.03%
Vanguard FTSE All-World ex-US Small-Cap Index Fund	2024	\$326,685,973	3.11%	\$12,925,681	0.12%
	2025	\$366,839,456	3.31%	\$17,467,315	0.16%
Vanguard Global ex-U.S. Real Estate Index Fund	2024	\$61,827,797	1.62%	\$2,747,885	0.07%
	2025	\$46,731,845	1.30%	\$2,640,436	0.07%
Vanguard Institutional Total International Stock Index Trust	2024	\$244,318,911	0.83%	\$5,691,367	0.02%
	2025	\$335,922,025	0.87%	\$8,579,980	0.02%
Vanguard Institutional Total International Stock Market Index Trust II	2024	\$941,099,717	0.45%	\$29,593,644	0.01%
	2025	\$1,911,477,188	0.75%	\$53,976,096	0.02%
Vanguard International Dividend Appreciation Index Fund	2024	\$27,509,913	0.39%	\$491,948	0.01%
	2025	\$22,995,053	0.27%	\$381,906	0.00%
Vanguard International High Dividend Yield Index Fund	2024	\$63,899,950	0.80%	\$1,742,539	0.02%
	2025	\$72,279,702	0.66%	\$1,968,334	0.02%
Vanguard Pacific Stock Index Fund	2024	\$76,146,013	0.76%	\$2,373,674	0.02%
	2025	\$96,621,911	0.92%	\$5,388,872	0.05%
Vanguard Total International Stock Index Fund	2024	\$4,370,218,756	1.02%	\$127,096,382	0.03%
	2025	\$5,863,853,535	1.19%	\$194,578,882	0.04%
Vanguard Total World Stock Index Fund	2024	\$175,469,693	0.36%	\$6,351,615	0.01%
	2025	\$202,372,339	0.33%	\$8,501,844	0.01%

Cash is currently the only acceptable form of collateral. All U.S. and international equities are marked to market daily with a minimum collateralization required equal to 102% and 105%, respectively, of the market value of the security.

Source: Vanguard. All data as of December 31, 2025, unless otherwise noted.



Benchmark methodologies

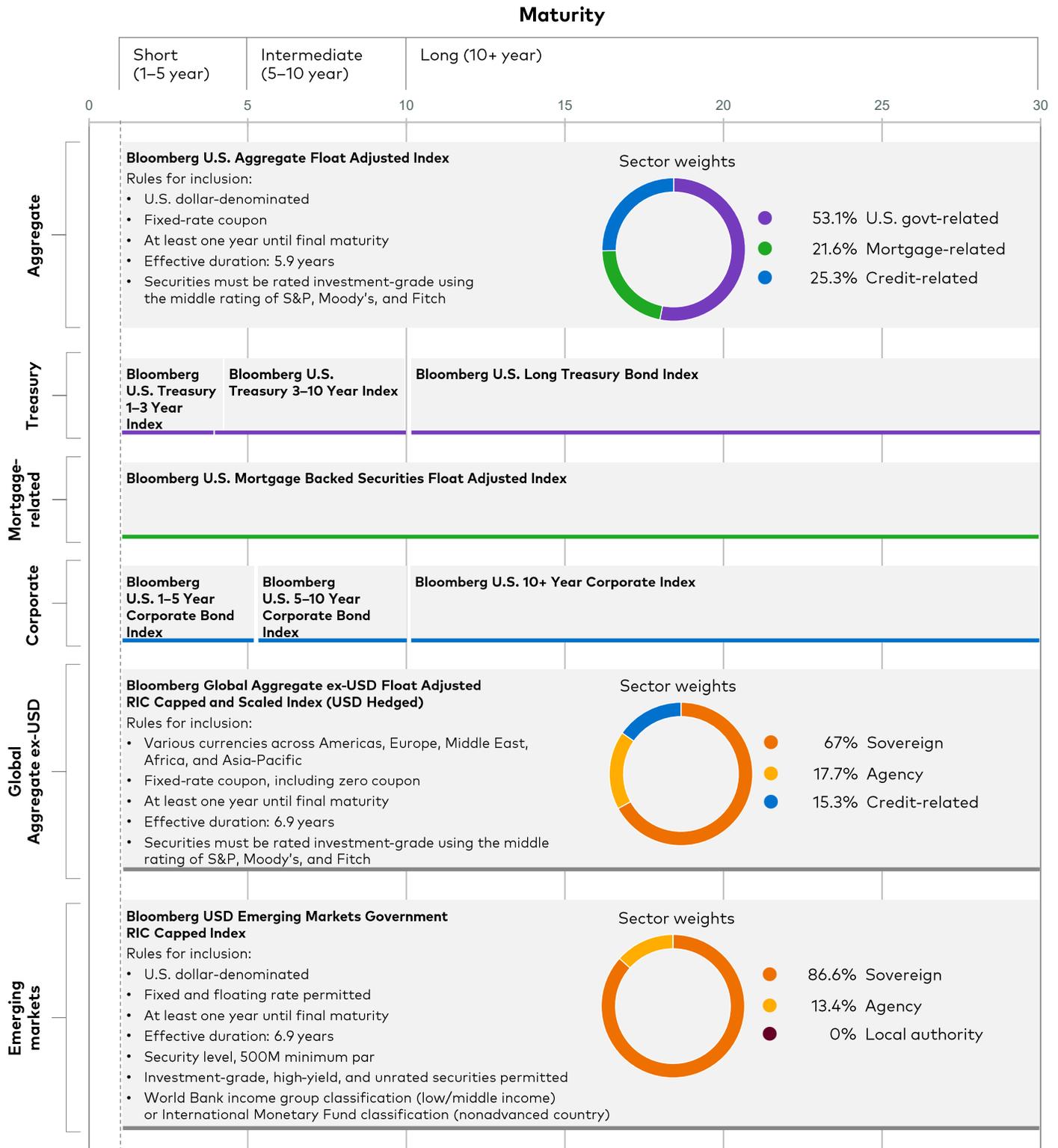
IN THIS SECTION:
Fixed income
Equity



Benchmark methodologies overview

A review of U.S. and non-U.S. fixed income benchmarks

Figure 41.1 Fixed income benchmark composition



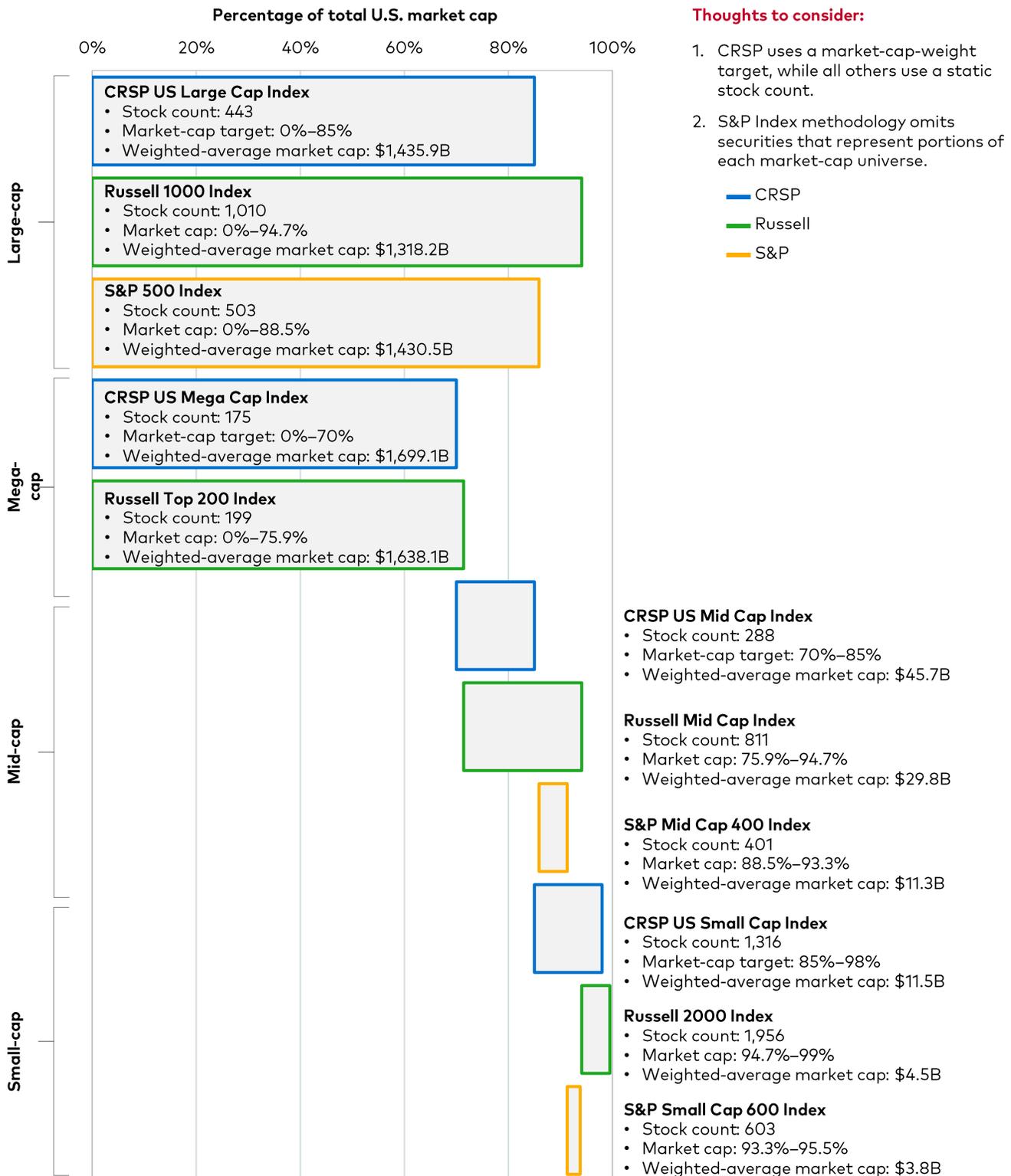
Numbers may not add to 100% due to rounding. All index characteristics data as of December 31, 2025.



Benchmark methodologies overview

Performance differences between indexes are caused by differences in construction methodology. Among the most impactful elements are exposures to market capitalization segments and regional markets, which are depicted by the charts below and on the following page.

Figure 42.1 U.S. equity benchmark methodology comparison

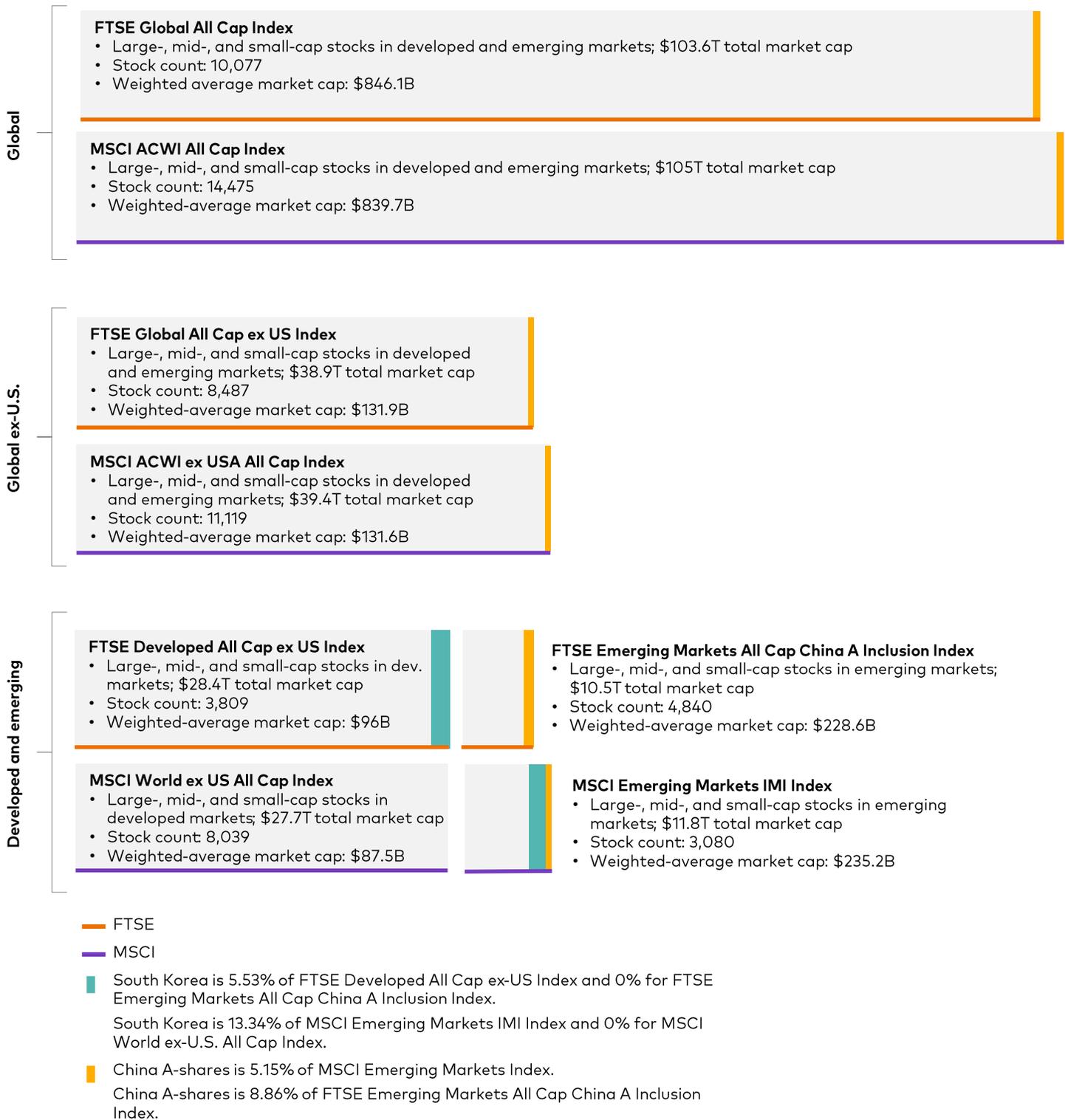


CRSP is shown as a targeted market cap, while the others are shown as a percentage of the S&P Total Stock Market. All index characteristics data as of December 31, 2025.



Benchmark methodologies overview

Figure 43.1 Global equity benchmark methodology comparison



All index characteristics data as of December 31, 2025.

For more information about Vanguard funds, visit vanguard.com or call 800-523-1036 to obtain a prospectus or, if available, a summary prospectus. Investment objectives, risks, charges, expenses, and other important information about a fund are contained in the prospectus; read and consider it carefully before investing.

Vanguard ETFs® are not redeemable with the issuing fund other than in very large aggregations worth millions of dollars. Instead, investors must buy or sell Vanguard ETFs in the secondary market and hold those 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.

All investments are subject to risk, including the possible loss of the money you invest. 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. Foreign investing involves additional risks, including currency fluctuations and political uncertainty. Stocks and bonds of companies in emerging markets are generally more risky than those of companies in developed countries. Diversification does not ensure a profit or protect against a loss. 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.

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

Vanguard funds are not sponsored, endorsed, sold, or promoted by the University of Chicago or its Center for Research in Security Prices, and neither the University of Chicago nor its Center for Research in Security Prices makes any representation regarding the advisability of investing in the funds.

Vanguard is owned by its funds, which are owned by Vanguard's fund shareholder clients.

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, 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.

ACKNOWLEDGMENTS

Workplace Solutions
Investment Solutions

Malcolm Cellard-Farrall

Institutional Marketing

Tonya J. Meyrick

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

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.

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.

"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.

CFA® and Chartered Financial Analyst® are trademarks owned by CFA Institute.

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

Effective July 15, 2024, the Vanguard ETF market price returns are calculated using the official closing price as reported by the ETF's primary exchange. Prior to July 15, 2024, the market price returns were calculated using the midpoint between the bid and ask prices as of the closing time of the New York Stock Exchange (typically 4 p.m., Eastern time). The returns shown do not represent the returns you would receive if you traded shares at other times.

Vanguard®

Vanguard Workplace Solutions

100 Vanguard Boulevard
Malvern, PA 19355

© 2026 The Vanguard Group, Inc.
All rights reserved.
Vanguard Marketing Corporation,
Distributor.

IQRPBRO 012026
5159874 Expiration date: 7/30/2027