

Semiannual Report | February 29, 2024

Vanguard Extended Duration Treasury Index Fund

See the inside front cover for important information about your fund's annual and semiannual shareholder reports.

Important information about shareholder reports

Beginning in July 2024, amendments adopted by the Securities and Exchange Commission will substantially impact the design, content, and transmission of shareholder reports. Shareholder reports will provide key fund information in a clear and concise format and must be mailed to each shareholder that has not elected to receive the reports electronically. Financial statements will no longer be included in the shareholder report but will be available at vanguard.com, can be mailed upon request, or can be accessed on the SEC’s website at www.sec.gov.

You may elect to receive shareholder reports and other communications from the fund electronically by contacting your financial intermediary (such as a broker-dealer or bank) or, if you invest directly with the fund, by calling Vanguard at one of the phone numbers on the back cover of this report or by logging on to vanguard.com.

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About Your Fund's Expenses

As a shareholder of the fund, you incur ongoing costs, which include costs for portfolio management, administrative services, and shareholder reports (like this one), among others. Operating expenses, which are deducted from a fund's gross income, directly reduce the investment return of the fund.

A fund's expenses are expressed as a percentage of its average net assets. This figure is known as the expense ratio. The following examples are intended to help you understand the ongoing costs (in dollars) of investing in your fund and to compare these costs with those of other mutual funds. The examples are based on an investment of \$1,000 made at the beginning of the period shown and held for the entire period.

The accompanying table illustrates your fund's costs in two ways:

- **Based on actual fund return.** This section helps you to estimate the actual expenses that you paid over the period. The "Ending Account Value" shown is derived from the fund's actual return, and the third column shows the dollar amount that would have been paid by an investor who started with \$1,000 in the fund. You may use the information here, together with the amount you invested, to estimate the expenses that you paid over the period.

To do so, simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number given for your fund under the heading "Expenses Paid During Period."

- **Based on hypothetical 5% yearly return.** This section is intended to help you compare your fund's costs with those of other mutual funds. It assumes that the fund had a yearly return of 5% before expenses, but that the expense ratio is unchanged. In this case—because the return used is not the fund's actual return—the results do not apply to your investment. The example is useful in making comparisons because the Securities and Exchange Commission requires all mutual funds to calculate expenses based on a 5% return. You can assess your fund's costs by comparing this hypothetical example with the hypothetical examples that appear in shareholder reports of other funds.

Note that the expenses shown in the table are meant to highlight and help you compare *ongoing* costs only and do not reflect transaction costs incurred by the fund for buying and selling securities. Further, the expenses do not include any purchase, redemption, or account service fees described in the fund prospectus. If such fees were applied to your account, your costs would be higher. Your fund does not carry a "sales load."

The calculations assume no shares were bought or sold during the period. Your actual costs may have been higher or lower, depending on the amount of your investment and the timing of any purchases or redemptions.

You can find more information about the fund's expenses, including annual expense ratios, in the Financial Statements section of this report. For additional information on operating expenses and other shareholder costs, please refer to your fund's current prospectus.

Six Months Ended February 29, 2024

	Beginning Account Value 8/31/2023	Ending Account Value 2/29/2024	Expenses Paid During Period
Based on Actual Fund Return			
Extended Duration Treasury Index Fund			
ETF Shares	\$1,000.00	\$ 979.30	\$0.30
Institutional Shares	1,000.00	979.10	0.30
Institutional Plus Shares	1,000.00	979.10	0.20
Based on Hypothetical 5% Yearly Return			
Extended Duration Treasury Index Fund			
ETF Shares	\$1,000.00	\$1,024.56	\$0.30
Institutional Shares	1,000.00	1,024.56	0.30
Institutional Plus Shares	1,000.00	1,024.66	0.20

The calculations are based on expenses incurred in the most recent six-month period. The fund's annualized six-month expense ratios for that period are 0.06% for ETF Shares, 0.06% for Institutional Shares, and 0.04% for Institutional Plus Shares. The dollar amounts shown as "Expenses Paid" are equal to the annualized expense ratio multiplied by the average account value over the period, multiplied by the number of days in the most recent six-month period, then divided by the number of days in the most recent 12-month period (182/366).

Extended Duration Treasury Index Fund

Distribution by Stated Maturity

As of February 29, 2024

15 - 20 Years	0.3%
20 - 25 Years	51.9
25 - 30 Years	47.8

The table reflects the fund's investments, except for short-term investments.

The fund may invest in derivatives (such as futures and swap contracts) for various reasons, including, but not limited to, attempting to remain fully invested and tracking its target index as closely as possible.

Financial Statements (unaudited)

Schedule of Investments

As of February 29, 2024

The fund files its complete schedule of portfolio holdings with the Securities and Exchange Commission (SEC) for the first and third quarters of each fiscal year as an exhibit to its reports on Form N-PORT. The fund's Form N-PORT reports are available on the SEC's website at www.sec.gov.

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)
U.S. Government and Agency Obligations (100.0%)				
U.S. Government Securities (100.0%)				
United States Treasury Strip Coupon	0.000%	2/15/44	26,800	10,439
United States Treasury Strip Coupon	0.000%	5/15/44	133,900	51,667
United States Treasury Strip Coupon	0.000%	8/15/44	184,811	70,546
United States Treasury Strip Coupon	0.000%	11/15/44	146,901	55,352
United States Treasury Strip Coupon	0.000%	2/15/45	188,708	70,382
United States Treasury Strip Coupon	0.000%	5/15/45	167,685	62,057
United States Treasury Strip Coupon	0.000%	8/15/45	154,486	56,568
United States Treasury Strip Coupon	0.000%	11/15/45	214,113	77,549
United States Treasury Strip Coupon	0.000%	2/15/46	175,159	62,784
United States Treasury Strip Coupon	0.000%	5/15/46	124,534	44,151
United States Treasury Strip Coupon	0.000%	8/15/46	149,135	52,325
United States Treasury Strip Coupon	0.000%	11/15/46	96,440	33,475
United States Treasury Strip Coupon	0.000%	2/15/47	202,845	69,633
United States Treasury Strip Coupon	0.000%	5/15/47	164,575	55,930
United States Treasury Strip Coupon	0.000%	8/15/47	143,140	48,108
United States Treasury Strip Coupon	0.000%	11/15/47	188,551	62,811
United States Treasury Strip Coupon	0.000%	2/15/48	176,573	58,145
United States Treasury Strip Coupon	0.000%	5/15/48	91,028	29,662
United States Treasury Strip Coupon	0.000%	8/15/48	135,821	43,940
United States Treasury Strip Coupon	0.000%	11/15/48	143,445	45,835
United States Treasury Strip Coupon	0.000%	2/15/49	160,554	50,838
United States Treasury Strip Coupon	0.000%	5/15/49	98,802	31,053
United States Treasury Strip Coupon	0.000%	8/15/49	191,284	59,627
United States Treasury Strip Coupon	0.000%	11/15/49	201,259	62,375
United States Treasury Strip Coupon	0.000%	2/15/50	144,722	44,570
United States Treasury Strip Coupon	0.000%	5/15/50	123,290	37,661
United States Treasury Strip Coupon	0.000%	8/15/50	237,653	71,983
United States Treasury Strip Coupon	0.000%	11/15/50	163,899	49,349
United States Treasury Strip Coupon	0.000%	2/15/51	253,759	75,810
United States Treasury Strip Coupon	0.000%	5/15/51	156,229	46,380
United States Treasury Strip Coupon	0.000%	8/15/51	156,650	46,236
United States Treasury Strip Coupon	0.000%	11/15/51	238,106	70,074
United States Treasury Strip Coupon	0.000%	2/15/52	179,800	52,900
United States Treasury Strip Coupon	0.000%	5/15/52	169,719	49,762
United States Treasury Strip Coupon	0.000%	8/15/52	177,763	51,982
United States Treasury Strip Coupon	0.000%	11/15/52	140,912	41,184
United States Treasury Strip Coupon	0.000%	2/15/53	40,815	11,801
United States Treasury Strip Coupon	0.000%	5/15/53	38,366	11,036
United States Treasury Strip Coupon	0.000%	8/15/53	10,197	2,930

Extended Duration Treasury Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)
United States Treasury Strip Coupon	0.000%	11/15/53	1,717	491
United States Treasury Strip Coupon	0.000%	2/15/54	2,906	814
United States Treasury Strip Principal	0.000%	5/15/44	141,156	56,617
United States Treasury Strip Principal	0.000%	8/15/44	177,725	70,521
United States Treasury Strip Principal	0.000%	11/15/44	173,399	68,059
United States Treasury Strip Principal	0.000%	2/15/45	123,448	47,942
United States Treasury Strip Principal	0.000%	5/15/45	151,461	58,218
United States Treasury Strip Principal	0.000%	8/15/45	175,504	66,719
United States Treasury Strip Principal	0.000%	11/15/45	169,358	63,708
United States Treasury Strip Principal	0.000%	2/15/46	76,283	28,386
United States Treasury Strip Principal	0.000%	5/15/46	63,084	23,242
United States Treasury Strip Principal	0.000%	8/15/46	145,491	53,025
United States Treasury Strip Principal	0.000%	11/15/46	157,948	56,985
United States Treasury Strip Principal	0.000%	2/15/47	73,564	26,242
United States Treasury Strip Principal	0.000%	5/15/47	68,283	24,102
United States Treasury Strip Principal	0.000%	8/15/47	64,496	22,528
United States Treasury Strip Principal	0.000%	11/15/47	168,573	58,289
United States Treasury Strip Principal	0.000%	2/15/48	157,485	53,926
United States Treasury Strip Principal	0.000%	5/15/48	156,381	53,072
United States Treasury Strip Principal	0.000%	8/15/48	104,348	35,079
United States Treasury Strip Principal	0.000%	11/15/48	87,274	29,107
United States Treasury Strip Principal	0.000%	2/15/49	167,139	55,221
United States Treasury Strip Principal	0.000%	5/15/49	88,329	28,976
United States Treasury Strip Principal	0.000%	8/15/49	151,367	49,265
United States Treasury Strip Principal	0.000%	11/15/49	132,082	42,648
United States Treasury Strip Principal	0.000%	2/15/50	177,971	56,965
United States Treasury Strip Principal	0.000%	5/15/50	134,757	42,838
United States Treasury Strip Principal	0.000%	8/15/50	209,298	65,880
United States Treasury Strip Principal	0.000%	11/15/50	132,680	41,411
United States Treasury Strip Principal	0.000%	2/15/51	196,344	60,744
United States Treasury Strip Principal	0.000%	5/15/51	145,906	44,775
United States Treasury Strip Principal	0.000%	8/15/51	175,968	53,574
United States Treasury Strip Principal	0.000%	11/15/51	168,618	50,981
United States Treasury Strip Principal	0.000%	2/15/52	165,759	49,844
United States Treasury Strip Principal	0.000%	5/15/52	200,546	60,007
United States Treasury Strip Principal	0.000%	8/15/52	155,688	46,281
United States Treasury Strip Principal	0.000%	11/15/52	190,676	56,994
United States Treasury Strip Principal	0.000%	2/15/53	203,408	59,751
United States Treasury Strip Principal	0.000%	5/15/53	230,550	67,346
United States Treasury Strip Principal	0.000%	8/15/53	246,086	71,673
United States Treasury Strip Principal	0.000%	11/15/53	212,231	62,260
United States Treasury Strip Principal	0.000%	2/15/54	201,369	58,019
Total U.S. Government and Agency Obligations (Cost \$4,885,753)				3,951,435

Extended Duration Treasury Index Fund

	Coupon	Shares	Market Value* (\$000)
Temporary Cash Investments (0.0%)			
Money Market Fund (0.0%)			
¹ Vanguard Market Liquidity Fund (Cost \$1,209)	5.400%	12,087	1,209
Total Investments (100.0%) (Cost \$4,886,962)			3,952,644
Other Assets and Liabilities—Net (0.0%)			(772)
Net Assets (100%)			3,951,872

Cost is in \$000.

• See Note A in Notes to Financial Statements.

¹ Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.

Statement of Assets and Liabilities

As of February 29, 2024

(\$000s, except shares, footnotes, and per-share amounts)	Amount
Assets	
Investments in Securities, at Value	
Unaffiliated Issuers (Cost \$4,885,753)	3,951,435
Affiliated Issuers (Cost \$1,209)	1,209
Total Investments in Securities	3,952,644
Investment in Vanguard	126
Cash	1
Receivables for Investment Securities Sold	111,218
Receivables for Accrued Income	3
Receivables for Capital Shares Issued	49
Total Assets	4,064,041
Liabilities	
Payables for Investment Securities Purchased	112,064
Payables for Capital Shares Redeemed	19
Payables to Vanguard	86
Total Liabilities	112,169
Net Assets	3,951,872

At February 29, 2024, net assets consisted of:

Paid-in Capital	5,401,099
Total Distributable Earnings (Loss)	(1,449,227)
Net Assets	3,951,872

ETF Shares—Net Assets

Applicable to 41,100,000 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	3,097,821
Net Asset Value Per Share—ETF Shares	\$75.37

Institutional Shares—Net Assets

Applicable to 27,966,608 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	636,815
Net Asset Value Per Share—Institutional Shares	\$22.77

Institutional Plus Shares—Net Assets

Applicable to 3,800,277 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	217,236
Net Asset Value Per Share—Institutional Plus Shares	\$57.16

Statement of Operations

Six Months Ended
February 29, 2024

(\$000)

Investment Income	
Income	
Interest ¹	76,690
Total Income	76,690
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	37
Management and Administrative—ETF Shares	616
Management and Administrative—Institutional Shares	145
Management and Administrative—Institutional Plus Shares	35
Marketing and Distribution—ETF Shares	75
Marketing and Distribution—Institutional Shares	10
Marketing and Distribution—Institutional Plus Shares	2
Custodian Fees	45
Shareholders' Reports—ETF Shares	55
Shareholders' Reports—Institutional Shares	—
Shareholders' Reports—Institutional Plus Shares	—
Trustees' Fees and Expenses	1
Other Expenses	7
Total Expenses	1,028
Net Investment Income	75,662
Realized Net Gain (Loss) on Investment Securities Sold^{1,2}	(147,734)
Change in Unrealized Appreciation (Depreciation) of Investment Securities¹	77,244
Net Increase (Decrease) in Net Assets Resulting from Operations	5,172

1 Interest income, realized net gain (loss), capital gain distributions received, and change in unrealized appreciation (depreciation) from an affiliated company of the fund were \$53,000, \$3,000, less than \$1,000, and less than \$1,000, respectively. Purchases and sales are for temporary cash investment purposes.

2 Includes \$47,446,000 of net gain (loss) resulting from in-kind redemptions.

Statement of Changes in Net Assets

	Six Months Ended February 29, 2024	Year Ended August 31, 2023
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	75,662	90,108
Realized Net Gain (Loss)	(147,734)	(287,157)
Change in Unrealized Appreciation (Depreciation)	77,244	(241,159)
Net Increase (Decrease) in Net Assets Resulting from Operations	5,172	(438,208)
Distributions		
ETF Shares	(52,923)	(54,931)
Institutional Shares	(11,273)	(18,180)
Institutional Plus Shares	(4,205)	(7,725)
Total Distributions	(68,401)	(80,836)
Capital Share Transactions		
ETF Shares	773,047	1,396,402
Institutional Shares	75,615	78,790
Institutional Plus Shares	4,205	7,725
Net Increase (Decrease) from Capital Share Transactions	852,867	1,482,917
Total Increase (Decrease)	789,638	963,873
Net Assets		
Beginning of Period	3,162,234	2,198,361
End of Period	3,951,872	3,162,234

See accompanying Notes, which are an integral part of the Financial Statements.

Financial Highlights

ETF Shares

For a Share Outstanding Throughout Each Period	Six Months Ended February 29, 2024	Year Ended August 31,				
	2023	2022	2021	2020	2019	
Net Asset Value, Beginning of Period	\$78.52	\$96.31	\$140.69	\$163.11	\$146.43	\$113.39
Investment Operations						
Net Investment Income ¹	1.582	3.033	2.769	2.795	3.146	3.347
Net Realized and Unrealized Gain (Loss) on Investments ²	(3.258)	(18.048)	(44.418)	(17.061)	18.113	32.972
Total from Investment Operations	(1.676)	(15.015)	(41.649)	(14.266)	21.259	36.319
Distributions						
Dividends from Net Investment Income	(1.474)	(2.775)	(2.731)	(2.820)	(3.329)	(3.279)
Distributions from Realized Capital Gains	—	—	—	(5.334)	(1.250)	—
Total Distributions	(1.474)	(2.775)	(2.731)	(8.154)	(4.579)	(3.279)
Net Asset Value, End of Period	\$75.37	\$78.52	\$96.31	\$140.69	\$163.11	\$146.43
Total Return	-2.07%	-15.83%	-30.00%	-8.94%	14.98%	32.92%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$3,098	\$2,356	\$1,312	\$1,277	\$1,810	\$1,333
Ratio of Total Expenses to Average Net Assets	0.06%	0.06% ³	0.06% ³	0.06%	0.07%	0.07%
Ratio of Net Investment Income to Average Net Assets	4.33%	3.56%	2.33%	1.93%	2.06%	2.87%
Portfolio Turnover Rate ⁴	12%	24%	15%	23%	17%	20%

The expense ratio and net investment income ratio for the current period have been annualized.

¹ Calculated based on average shares outstanding.

² Includes increases from purchase fees of \$.00, \$.03, \$.03, \$.07, \$.07, and \$.04.

³ The ratio of expenses to average net assets for the period net of reduction from custody fee offset arrangements was 0.06%.

⁴ Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

Financial Highlights

Institutional Shares

For a Share Outstanding Throughout Each Period	Six Months Ended February 29, 2024	Year Ended August 31,				
		2023	2022	2021	2020	2019
Net Asset Value, Beginning of Period	\$23.72	\$29.09	\$42.50	\$49.27	\$44.24	\$34.25
Investment Operations						
Net Investment Income ¹	.478	.911	.835	.842	.959	1.015
Net Realized and Unrealized Gain (Loss) on Investments ²	(.983)	(5.444)	(13.425)	(5.143)	5.459	9.967
Total from Investment Operations	(.505)	(4.533)	(12.590)	(4.301)	6.418	10.982
Distributions						
Dividends from Net Investment Income	(.445)	(.837)	(.820)	(.857)	(1.010)	(.992)
Distributions from Realized Capital Gains	—	—	—	(1.612)	(.378)	—
Total Distributions	(.445)	(.837)	(.820)	(2.469)	(1.388)	(.992)
Net Asset Value, End of Period	\$22.77	\$23.72	\$29.09	\$42.50	\$49.27	\$44.24
Total Return³	-2.09%	-15.83%	-30.01%	-8.95%	14.98%	32.94%
Ratios/Supplemental Data						
Net Assets, End of Period (Millions)	\$637	\$585	\$623	\$789	\$889	\$862
Ratio of Total Expenses to Average Net Assets	0.06%	0.06% ⁴	0.06% ⁴	0.06%	0.06%	0.06%
Ratio of Net Investment Income to Average Net Assets	4.34%	3.52%	2.29%	1.96%	2.10%	2.88%
Portfolio Turnover Rate ⁵	12%	24%	15%	23%	17%	20%

The expense ratio and net investment income ratio for the current period have been annualized.

1 Calculated based on average shares outstanding.

2 Includes increases from purchase fees of \$.00, \$.00, \$.00, \$.02, \$.02, and \$.01.

3 Total returns do not include transaction fees that may have applied in the periods shown. Fund prospectuses provide information about any applicable transaction fees.

4 The ratio of expenses to average net assets for the period net of reduction from custody fee offset arrangements was 0.06%.

5 Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

Financial Highlights

Institutional Plus Shares

For a Share Outstanding Throughout Each Period	Six Months Ended February 29, 2024	Year Ended August 31,				
		2023	2022	2021	2020	2019
Net Asset Value, Beginning of Period	\$59.55	\$73.04	\$106.68	\$123.70	\$111.06	\$85.99
Investment Operations						
Net Investment Income ¹	1.205	2.297	2.114	2.140	2.432	2.564
Net Realized and Unrealized Gain (Loss) on Investments ²	(2.472)	(13.672)	(33.676)	(12.941)	13.716	25.015
Total from Investment Operations	(1.267)	(11.375)	(31.562)	(10.801)	16.148	27.579
Distributions						
Dividends from Net Investment Income	(1.123)	(2.115)	(2.078)	(2.173)	(2.560)	(2.509)
Distributions from Realized Capital Gains	—	—	—	(4.046)	(.948)	—
Total Distributions	(1.123)	(2.115)	(2.078)	(6.219)	(3.508)	(2.509)
Net Asset Value, End of Period	\$57.16	\$59.55	\$73.04	\$106.68	\$123.70	\$111.06
Total Return³	-2.09%	-15.82%	-29.98%	-8.95%	15.02%	32.95%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$217	\$222	\$264	\$505	\$689	\$780
Ratio of Total Expenses to Average Net Assets	0.04%	0.04% ⁴	0.04% ⁴	0.04%	0.04%	0.04%
Ratio of Net Investment Income to Average Net Assets	4.36%	3.54%	2.29%	1.96%	2.12%	2.90%
Portfolio Turnover Rate ⁵	12%	24%	15%	23%	17%	20%

The expense ratio and net investment income ratio for the current period have been annualized.

1 Calculated based on average shares outstanding.

2 Includes increases from purchase fees of \$.00, \$.02, \$.02, \$.05, \$.05, and \$.03.

3 Total returns do not include transaction fees that may have applied in the periods shown. Fund prospectuses provide information about any applicable transaction fees.

4 The ratio of expenses to average net assets for the period net of reduction from custody fee offset arrangements was 0.04%.

5 Excludes the value of portfolio securities received or delivered as a result of in-kind purchases or redemptions of the fund's capital shares, including ETF Creation Units.

Notes to Financial Statements

Vanguard Extended Duration Treasury Index Fund is registered under the Investment Company Act of 1940 as an open-end investment company, or mutual fund. The fund offers three classes of shares: ETF Shares, Institutional Shares, and Institutional Plus Shares. Each of the share classes has different eligibility and minimum purchase requirements, and is designed for different types of investors. ETF Shares are listed for trading on NYSE Arca; they can be purchased and sold through a broker.

A. The following significant accounting policies conform to generally accepted accounting principles for U.S. investment companies. The fund consistently follows such policies in preparing its financial statements.

1. **Security Valuation:** Securities are valued as of the close of trading on the New York Stock Exchange (generally 4 p.m., Eastern time) on the valuation date. Bonds and other temporary cash investments are valued using the latest bid prices or using valuations based on a matrix system (which considers such factors as security prices, yields, maturities, and ratings), both as furnished by independent pricing services. Investments in Vanguard Market Liquidity Fund are valued at that fund's net asset value. Securities for which market quotations are not readily available, or whose values have been affected by events occurring before the fund's pricing time but after the close of the securities' primary markets, are valued by methods deemed by the valuation designee to represent fair value and subject to oversight by the board of trustees.

2. **Federal Income Taxes:** The fund intends to continue to qualify as a regulated investment company and distribute virtually all of its taxable income. The fund's tax returns are open to examination by the relevant tax authorities until expiration of the applicable statute of limitations, which is generally three years after the filing of the tax return. Management has analyzed the fund's tax positions taken for all open federal and state income tax years, and has concluded that no provision for income tax is required in the fund's financial statements.

3. **Distributions:** Distributions to shareholders are recorded on the ex-dividend date. Distributions are determined on a tax basis at the fiscal year-end and may differ from net investment income and realized capital gains for financial reporting purposes.

4. **Credit Facilities and Interfund Lending Program:** The fund and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$4.3 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement and an uncommitted credit facility provided by Vanguard. Both facilities may be renewed annually. Each fund is individually liable for its borrowings, if any, under the credit facilities. Borrowings may be utilized for temporary or emergency purposes and are subject to the fund's regulatory and contractual borrowing restrictions. With respect to the committed credit facility, the participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn committed amount of the facility, which are allocated to the funds based on a method approved by the fund's board of trustees and included in Management and Administrative expenses on the fund's Statement of Operations. Any borrowings under either facility bear interest at an agreed-upon spread plus the higher of the federal funds effective rate, the overnight bank funding rate, or the Daily Simple Secured Overnight Financing Rate inclusive of an additional agreed-upon spread. However, borrowings under the uncommitted credit facility may bear interest based upon an alternate rate agreed to by the fund and Vanguard.

In accordance with an exemptive order (the "Order") from the SEC, the fund may participate in a joint lending and borrowing program that allows registered open-end Vanguard funds to borrow

money from and lend money to each other for temporary or emergency purposes (the “Interfund Lending Program”), subject to compliance with the terms and conditions of the Order, and to the extent permitted by the fund’s investment objective and investment policies. Interfund loans and borrowings normally extend overnight but can have a maximum duration of seven days. Loans may be called on one business day’s notice. The interest rate to be charged is governed by the conditions of the Order and internal procedures adopted by the board of trustees. The board of trustees is responsible for overseeing the Interfund Lending Program.

For the six months ended February 29, 2024, the fund did not utilize the credit facilities or the Interfund Lending Program.

5. Other: Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Premiums and discounts on debt securities are amortized and accreted, respectively, to interest income over the lives of the respective securities, except for premiums on certain callable debt securities that are amortized to the earliest call date. Security transactions are accounted for on the date securities are bought or sold. Costs used to determine realized gains (losses) on the sale of investment securities are those of the specific securities sold. Fees assessed on capital share transactions are credited to paid-in capital.

Each class of shares has equal rights as to assets and earnings, except that each class separately bears certain class-specific expenses related to maintenance of shareholder accounts (included in Management and Administrative expenses) and shareholder reporting. Marketing and distribution expenses are allocated to each class of shares based on a method approved by the board of trustees. Income, other non-class-specific expenses, and gains and losses on investments are allocated to each class of shares based on its relative net assets.

B. In accordance with the terms of a Funds’ Service Agreement (the “FSA”) between Vanguard and the fund, Vanguard furnishes to the fund investment advisory, corporate management, administrative, marketing, and distribution services at Vanguard’s cost of operations (as defined by the FSA). These costs of operations are allocated to the fund based on methods and guidelines approved by the board of trustees and are generally settled twice a month.

Upon the request of Vanguard, the fund may invest up to 0.40% of its net assets as capital in Vanguard. At February 29, 2024, the fund had contributed to Vanguard capital in the amount of \$126,000, representing less than 0.01% of the fund’s net assets and 0.05% of Vanguard’s capital received pursuant to the FSA. The fund’s trustees and officers are also directors and employees, respectively, of Vanguard.

C. Various inputs may be used to determine the value of the fund’s investments. These inputs are summarized in three broad levels for financial statement purposes. The inputs or methodologies used to value securities are not necessarily an indication of the risk associated with investing in those securities.

Level 1—Quoted prices in active markets for identical securities.

Level 2—Other significant observable inputs (including quoted prices for similar securities, interest rates, prepayment speeds, credit risk, etc.).

Level 3—Significant unobservable inputs (including the fund’s own assumptions used to determine the fair value of investments). Any investments valued with significant unobservable inputs are noted on the Schedule of Investments.

Extended Duration Treasury Index Fund

The following table summarizes the market value of the fund's investments as of February 29, 2024, based on the inputs used to value them:

	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)	Total (\$000)
Investments				
Assets				
U.S. Government and Agency Obligations	—	3,951,435	—	3,951,435
Temporary Cash Investments	1,209	—	—	1,209
Total	1,209	3,951,435	—	3,952,644

D. As of February 29, 2024, gross unrealized appreciation and depreciation for investments based on cost for U.S. federal income tax purposes were as follows:

	Amount (\$000)
Tax Cost	4,894,082
Gross Unrealized Appreciation	45,300
Gross Unrealized Depreciation	(986,738)
Net Unrealized Appreciation (Depreciation)	(941,438)

The fund's tax-basis capital gains and losses are determined only at the end of each fiscal year. For tax purposes, at August 31, 2023, the fund had available capital losses totaling \$388,811,000 that may be carried forward indefinitely to offset future net capital gains. The fund will use these capital losses to offset net taxable capital gains, if any, realized during the year ending August 31, 2024; should the fund realize net capital losses for the year, the losses will be added to the loss carryforward balance above.

E. During the six months ended February 29, 2024, the fund purchased \$437,305,000 of investment securities and sold \$426,407,000 of investment securities, other than temporary cash investments. In addition, the fund purchased and sold investment securities of \$1,097,926,000 and \$326,618,000, respectively, in connection with in-kind purchases and redemptions of the fund's capital shares.

F. Capital share transactions for each class of shares were:

	Six Months Ended February 29, 2024		Year Ended August 31, 2023	
	Amount (\$000)	Shares (000)	Amount (\$000)	Shares (000)
ETF Shares				
Issued ¹	1,100,220	15,375	1,607,800	18,950
Issued in Lieu of Cash Distributions	—	—	—	—
Redeemed	(327,173)	(4,275)	(211,398)	(2,575)
Net Increase (Decrease)—ETF Shares	773,047	11,100	1,396,402	16,375

Extended Duration Treasury Index Fund

	Six Months Ended February 29, 2024		Year Ended August 31, 2023	
	Amount (\$000)	Shares (000)	Amount (\$000)	Shares (000)
Institutional Shares				
Issued ¹	78,767	3,488	159,637	6,318
Issued in Lieu of Cash Distributions	11,069	492	17,611	671
Redeemed	(14,221)	(664)	(98,458)	(3,736)
Net Increase (Decrease)—Institutional Shares	75,615	3,316	78,790	3,253
Institutional Plus Shares				
Issued ¹	—	—	—	—
Issued in Lieu of Cash Distributions	4,205	74	7,725	118
Redeemed	—	—	—	—
Net Increase (Decrease)—Institutional Plus Shares	4,205	74	7,725	118

¹ Includes purchase fees for fiscal 2024 and 2023 of \$405,000 and \$791,000, respectively (fund totals).

G. Significant market disruptions, such as those caused by pandemics, natural or environmental disasters, war, acts of terrorism, or other events, can adversely affect local and global markets and normal market operations. Any such disruptions could have an adverse impact on the value of the fund's investments and fund performance.

To the extent the fund's investment portfolio reflects concentration in a particular market, industry, sector, country or asset class, the fund may be adversely affected by the performance of these concentrations and may be subject to increased price volatility and other risks.

Credit risk is the risk that a counterparty to a transaction or an issuer of a financial instrument will fail to pay interest and principal when due, or that perceptions of the issuer's ability to make such payments will cause the price of an investment to decline. Investment in debt securities will generally increase credit risk.

H. Management has determined that no events or transactions occurred subsequent to February 29, 2024, that would require recognition or disclosure in these financial statements.

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You can review information about your fund on the SEC's website, and you can receive copies of this information, for a fee, by sending a request via email addressed to publicinfo@sec.gov.