



Vanguard®



Semiannual Report | June 30, 2018

Vanguard Bond Index Funds

Vanguard Short-Term Bond Index Fund

Vanguard Intermediate-Term Bond Index Fund

Vanguard Long-Term Bond Index Fund

Vanguard’s Principles for Investing Success

We want to give you the best chance of investment success. These principles, grounded in Vanguard’s research and experience, can put you on the right path.

Goals. Create clear, appropriate investment goals.

Balance. Develop a suitable asset allocation using broadly diversified funds.

Cost. Minimize cost.

Discipline. Maintain perspective and long-term discipline.

A single theme unites these principles: Focus on the things you can control. We believe there is no wiser course for any investor.

Contents

Your Fund’s Performance at a Glance.	1
CEO’s Perspective.	4
Short-Term Bond Index Fund.	6
Intermediate-Term Bond Index Fund.	25
Long-Term Bond Index Fund.	44
About Your Fund’s Expenses.	63
Trustees Approve Advisory Arrangements.	66
Glossary.	68

Please note: The opinions expressed in this report are just that—informed opinions. They should not be considered promises or advice. Also, please keep in mind that the information and opinions cover the period through the date on the front of this report. Of course, the risks of investing in your fund are spelled out in the prospectus.

See the Glossary for definitions of investment terms used in this report.

About the cover: Nautical images have been part of Vanguard’s rich heritage since its start in 1975. For an incoming ship, a lighthouse offers a beacon and safe path to shore. You can similarly depend on Vanguard to put you first—and light the way—as you strive to meet your financial goals. Our client focus and low costs, stemming from our unique ownership structure, assure that your interests are paramount.

Your Fund’s Performance at a Glance

- For the six months ended June 30, 2018, returns for Investor Shares of the funds in this report ranged from –5.09% for Vanguard Long-Term Bond Index Fund to –0.36% for Vanguard Short-Term Bond Index Fund. The three funds performed roughly in line with their benchmarks; they trailed their peer-group averages.
- Investor sentiment was dented at times by escalating trade tensions, political uncertainty in Europe, and geopolitical flare-ups, which supported demand for bonds. The outlook for continuing growth and rising inflation expectations, however, led bond yields to finish the period higher and prices to finish lower.
- U.S. Treasuries returned –1.1%. Mortgage-backed securities performed a little better. Corporate bonds fared worse, returning –3.3%. Bonds issued by financial institutions and industrial companies held up better than those of utilities, which tend to be more sensitive to changes in interest rates.
- Lower-quality investment-grade bonds generally lagged their higher-quality counterparts.

Total Returns: Six Months Ended June 30, 2018

	30-Day SEC Yield	Income Returns	Capital Returns	Total Returns
Vanguard Short-Term Bond Index Fund				
Investor Shares	2.71%	0.89%	-1.25%	-0.36%
ETF Shares	2.79			
Market Price				-0.37
Net Asset Value				-0.36
Admiral™ Shares	2.79	0.93	-1.25	-0.32
Institutional Shares	2.81	0.94	-1.25	-0.31
Institutional Plus Shares	2.82	0.95	-1.25	-0.30
Bloomberg Barclays U.S. 1–5 Year Government/Credit Float Adjusted Index				-0.33
1–5 Year Investment-Grade Debt Funds Average				-0.12

1–5 Year Investment-Grade Debt Funds Average: Derived from data provided by Lipper, a Thomson Reuters Company.

Total Returns: Six Months Ended June 30, 2018

	30-Day SEC Yield	Income Returns	Capital Returns	Total Returns
Vanguard Intermediate-Term Bond Index Fund				
Investor Shares	3.31%	1.31%	-3.61%	-2.30%
ETF Shares	3.39			
Market Price				-2.22
Net Asset Value				-2.23
Admiral Shares	3.39	1.35	-3.61	-2.26
Institutional Shares	3.41	1.36	-3.61	-2.25
Institutional Plus Shares	3.42	1.36	-3.61	-2.25
Bloomberg Barclays U.S. 5–10 Year Government/Credit Float Adjusted Index				-2.19
Core Bond Funds Average				-1.69

Core Bond Funds Average: Derived from data provided by Lipper, a Thomson Reuters Company.

Vanguard Long-Term Bond Index Fund

Investor Shares	3.87%	1.77%	-6.86%	-5.09%
ETF Shares	3.95			
Market Price				-5.20
Net Asset Value				-5.06
Institutional Shares	3.97	1.81	-6.86	-5.05
Institutional Plus Shares	3.98	1.82	-6.86	-5.04
Bloomberg Barclays U.S. Long Government/Credit Float Adjusted Index				-4.98
Corporate A-Rated Debt Funds Average				-2.39

Corporate A-Rated Debt Funds Average: Derived from data provided by Lipper, a Thomson Reuters Company.

Admiral Shares carry lower expenses and are available to investors who meet certain account-balance requirements. Institutional Shares and Institutional Plus Shares are available to certain institutional investors who meet specific administrative, service, and account-size criteria. The Vanguard ETF® Shares shown are traded on the NYSE Arca exchange and are available only through brokers. The table provides ETF returns based on both the NYSE Arca market price and the net asset value for a share. U.S. Pat. Nos. 6,879,964; 7,337,138; 7,720,749; 7,925,573; 8,090,646; and 8,417,623.

For the ETF Shares, the market price is determined by the midpoint of the bid-offer spread as of the closing time of the New York Stock Exchange (generally 4 p.m., Eastern time). The net asset value is also determined as of the NYSE closing time. For more information about how the ETF Shares' market prices have compared with their net asset value, visit vanguard.com, select your ETF, and then select the Price and Performance tab. The ETF premium/discount analysis there shows the percentages of days on which the ETF Shares' market price was above or below the NAV.

Expense Ratios

Your Fund Compared With Its Peer Group

	Investor Shares	ETF Shares	Admiral Shares	Institutional Shares	Institutional Plus Shares	Peer Group Average
Short-Term Bond Index Fund	0.15%	0.07%	0.07%	0.05%	0.04%	0.71%
Intermediate-Term Bond Index Fund	0.15	0.07	0.07	0.05	0.04	0.74
Long-Term Bond Index Fund	0.15	0.07	—	0.05	0.04	0.81

The fund expense ratios shown are from the prospectus dated April 26, 2018, and represent estimated costs for the current fiscal year. For the six months ended June 30, 2018, the funds' annualized expense ratios were: for the Short-Term Bond Index Fund, 0.15% for Investor Shares, 0.07% for ETF Shares, 0.07% for Admiral Shares, 0.05% for Institutional Shares, and 0.04% for Institutional Plus Shares; for the Intermediate-Term Bond Index Fund, 0.15% for Investor Shares, 0.07% for ETF Shares, 0.07% for Admiral Shares, 0.05% for Institutional Shares, and 0.04% for Institutional Plus Shares; and for the Long-Term Bond Index Fund, 0.15% for Investor Shares, 0.07% for ETF Shares, 0.05% for Institutional Shares, and 0.04% for Institutional Plus Shares. Peer-group expense ratios are derived from data provided by Lipper, a Thomson Reuters Company, and capture information through year-end 2017.

Peer groups: For the Short-Term Bond Index Fund, 1–5 Year Investment-Grade Debt Funds; for the Intermediate-Term Bond Index Fund, Core Bond Funds; for the Long-Term Bond Index Fund, Corporate A-Rated Debt Funds.

CEO's Perspective



Tim Buckley
President and Chief Executive Officer

Dear Shareholder,

I feel extremely fortunate to have the chance to lead a company filled with people who come to work every day passionate about Vanguard's core purpose: to take a stand for all investors, to treat them fairly, and to give them the best chance for investment success.

When I joined Vanguard in 1991, I found a mission-driven team focused on improving lives—helping people retire more comfortably, put their children through college, and achieve financial security. I also found a company with purpose in an industry ripe for improvement.

It was clear, even early in my career, that the cards were stacked against most investors. Hidden fees, performance-chasing, and poor advice were relentlessly eroding investors' dreams.

We knew Vanguard could be different and, as a result, could make a real difference. We have lowered the costs of investing for our shareholders significantly. And we're proud of the performance of our funds.

Vanguard is built for Vanguard investors—we focus solely on you, our fund shareholders. Everything we do is designed to give our clients the best chance for investment success. In my role as CEO, I'll keep this priority

front and center. We're proud of what we've achieved, but we're even more excited about what's to come.

Steady, time-tested guidance

Our guidance for investors, as always, is to stay the course, tune out the hyperbolic headlines, and focus on your goals and what you can control, such as costs and how much you save. This time-tested advice has served our clients well over the decades.

Regardless of how the markets perform in the short term, I'm incredibly optimistic about the future for our investors. We have a dedicated team serving you, and we will never stop striving to make

Vanguard the best place for you to invest through our high-quality funds and services, advice and guidance to help you meet your financial goals, and an experience that makes you feel good about entrusting us with your hard-earned savings.

Thank you for your continued loyalty.

Sincerely,



Mortimer J. Buckley
President and Chief Executive Officer
July 13, 2018

Market Barometer

	Total Returns Periods Ended June 30, 2018		
	Six Months	One Year	Five Years (Annualized)
Stocks			
Russell 1000 Index (Large-caps)	2.85%	14.54%	13.37%
Russell 2000 Index (Small-caps)	7.66	17.57	12.46
Russell 3000 Index (Broad U.S. market)	3.22	14.78	13.29
FTSE All-World ex US Index (International)	-3.83	7.28	6.35
Bonds			
Bloomberg Barclays U.S. Aggregate Bond Index (Broad taxable market)	-1.62%	-0.40%	2.27%
Bloomberg Barclays Municipal Bond Index (Broad tax-exempt market)	-0.25	1.56	3.53
FTSE Three-Month U.S. Treasury Bill Index	0.78	1.33	0.38
CPI			
Consumer Price Index	2.22%	2.87%	1.54%

Short-Term Bond Index Fund

Fund Profile

As of June 30, 2018

Share-Class Characteristics

	Investor Shares	ETF Shares	Admiral Shares	Institutional Shares	Institutional Plus Shares
Ticker Symbol	VBISX	BSV	VBIRX	VBITX	VBIPX
Expense Ratio ¹	0.15%	0.07%	0.07%	0.05%	0.04%
30-Day SEC Yield	2.71%	2.79%	2.79%	2.81%	2.82%

Financial Attributes

	Fund	Bloomberg Barclays 1–5 Year Gov/ Credit Float Adj Index	Bloomberg Barclays Aggregate Float Adj Index
Number of Bonds	2,528	2,860	9,959
Yield to Maturity (before expenses)	2.8%	2.8%	3.3%
Average Coupon	2.1%	2.3%	3.1%
Average Duration	2.7 years	2.7 years	6.1 years
Average Effective Maturity	2.8 years	2.8 years	8.4 years
Short-Term Reserves	1.0%	—	—

Sector Diversification (% of portfolio)

Finance	11.6%
Foreign	7.7
Industrial	14.9
Treasury/Agency	64.5
Utilities	1.2
Other	0.1

The agency and mortgage-backed securities sectors may include issues from government-sponsored enterprises; such issues are generally not backed by the full faith and credit of the U.S. government.

Volatility Measures

	Bloomberg Barclays 1–5 Year Gov/ Credit Float Adj Index	Bloomberg Barclays Aggregate Float Adj Index
R-Squared	0.99	0.86
Beta	1.01	0.44

These measures show the degree and timing of the fund's fluctuations compared with the indexes over 36 months.

Distribution by Credit Quality (% of portfolio)

U.S. Government	64.6%
Aaa	5.7
Aa	4.7
A	12.8
Baa	12.2

Credit-quality ratings are obtained from Barclays and are from Moody's, Fitch, and S&P. When ratings from all three agencies are used, the median rating is shown. When ratings from two of the agencies are used, the lower rating for each issue is shown. "Not Rated" is used to classify securities for which a rating is not available. For more information about these ratings, see the Glossary entry for Credit Quality.

Distribution by Effective Maturity (% of portfolio)

Under 1 Year	1.0%
1 - 3 Years	57.2
3 - 5 Years	41.4
5 - 10 Years	0.4

¹ The expense ratios shown are from the prospectus dated April 26, 2018, and represent estimated costs for the current fiscal year. For the six months ended June 30, 2018, the annualized expense ratios were 0.15% for Investor Shares, 0.07% for ETF Shares, 0.07% for Admiral Shares, 0.05% for Institutional Shares, and 0.04% for Institutional Plus Shares.

Short-Term Bond Index Fund

Investment Focus

Average Maturity		Short	Med.	Long
Credit Quality	Treasury/ Agency			
	Investment-Grade Corporate			
	Below Investment-Grade			

Performance Summary

All of the returns in this report represent past performance, which is not a guarantee of future results that may be achieved by the fund. (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.) Note, too, that both investment returns and principal value can fluctuate widely, so an investor's shares, when sold, could be worth more or less than their original cost. The returns shown do not reflect taxes that a shareholder would pay on fund distributions or on the sale of fund shares.

Fiscal-Year Total Returns (%): December 31, 2007, Through June 30, 2018

Fiscal Year	Investor Shares			Total Returns
	Income Returns	Capital Returns	Total Returns	
2008	3.95%	1.48%	5.43%	5.12%
2009	2.91	1.37	4.28	4.62
2010	2.22	1.70	3.92	4.08
2011	1.85	1.11	2.96	3.13
2012	1.46	0.49	1.95	2.24
2013	1.10	-1.03	0.07	0.29
2014	1.11	0.05	1.16	1.43
2015	1.23	-0.38	0.85	0.97
2016	1.39	0.02	1.41	1.57
2017	1.58	-0.48	1.10	1.27
2018	0.89	-1.25	-0.36	-0.33

Spliced
Bloomberg
Barclays
1–5 Year
Gov/Credit
FA Index

For a benchmark description, see the Glossary.

Note: For 2018, performance data reflect the six months ended June 30, 2018.

Average Annual Total Returns: Periods Ended June 30, 2018

	Inception Date	One Year	Five Years	Ten Years		
				Income	Capital	Total
Investor Shares	3/1/1994	-0.31%	0.96%	1.76%	0.31%	2.07%
ETF Shares	4/3/2007					
Market Price		-0.29	1.03			2.12
Net Asset Value		-0.25	1.04			2.16
Admiral Shares	11/12/2001	-0.23	1.05	1.85	0.31	2.16
Institutional Shares	9/27/2011	-0.21	1.07	1.48 ¹	-0.39 ¹	1.09 ¹
Institutional Plus Shares	9/29/2011	-0.20	1.09	1.50 ¹	-0.39 ¹	1.11 ¹

¹ Return since inception.

See Financial Highlights for dividend and capital gains information.

Financial Statements (unaudited)

Statement of Net Assets—Investments Summary

As of June 30, 2018

This Statement summarizes the fund's holdings by asset type. Details are reported for each of the fund's 50 largest individual holdings and for investments that, in total for any issuer, represent more than 1% of the fund's net assets. The total value of smaller holdings is reported as a single amount within each category.

The fund reports a complete list of its holdings in regulatory filings four times in each fiscal year, at the quarter-ends. For the second and fourth fiscal quarters, the complete listing of the fund's holdings is available electronically on vanguard.com and on the Securities and Exchange Commission's website (sec.gov), or you can have it mailed to you without charge by calling 800-662-7447. For the first and third fiscal quarters, the fund files the lists with the SEC on Form N-Q. Shareholders can look up the fund's Forms N-Q on the SEC's website. Forms N-Q may also be reviewed and copied at the SEC's Public Reference Room (see the back cover of this report for further information).

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
U.S. Government and Agency Obligations					
U.S. Government Securities					
United States Treasury Note/Bond	1.250%	3/31/21	986,981	951,509	1.9%
United States Treasury Note/Bond	1.375%	8/31/20	936,065	912,813	1.8%
United States Treasury Note/Bond	1.250%	10/31/21	945,336	903,089	1.8%
United States Treasury Note/Bond	1.500%	11/30/19	877,879	866,080	1.7%
United States Treasury Note/Bond	1.375%	2/29/20	732,417	718,911	1.4%
United States Treasury Note/Bond	1.125%	8/31/21	653,088	623,085	1.2%
United States Treasury Note/Bond	1.875%	1/31/22	636,005	618,617	1.2%
United States Treasury Note/Bond	1.625%	11/30/20	627,760	613,635	1.2%
United States Treasury Note/Bond	1.375%	3/31/20	625,013	612,900	1.2%
United States Treasury Note/Bond	2.625%	2/28/23	608,013	605,447	1.2%
United States Treasury Note/Bond	1.125%	9/30/21	635,263	605,285	1.2%
United States Treasury Note/Bond	1.625%	8/31/22	625,501	598,917	1.2%
United States Treasury Note/Bond	1.375%	5/31/21	613,845	592,360	1.2%
United States Treasury Note/Bond	1.625%	7/31/20	575,534	564,743	1.1%

Short-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
United States Treasury Note/Bond	1.375%	10/31/20	541,106	526,393	1.0%
United States Treasury Note/Bond	1.125%	6/30/21	549,223	525,453	1.0%
United States Treasury Note/Bond	2.625%	6/30/23	522,587	519,974	1.0%
United States Treasury Note/Bond	1.625%	8/31/19	511,191	506,559	1.0%
United States Treasury Note/Bond	1.500%	10/31/19	487,273	481,260	0.9%
United States Treasury Note/Bond	2.000%	11/30/22	493,160	478,597	0.9%
United States Treasury Note/Bond	2.375%	1/31/23	469,278	462,239	0.9%
United States Treasury Note/Bond	2.125%	12/31/22	473,977	461,981	0.9%
United States Treasury Note/Bond	1.750%	9/30/19	464,096	460,179	0.9%
United States Treasury Note/Bond	1.750%	5/31/22	468,287	451,822	0.9%
United States Treasury Note/Bond	1.375%	9/30/20	442,932	431,443	0.9%
United States Treasury Note/Bond	1.875%	3/31/22	444,170	431,329	0.8%
United States Treasury Note/Bond	2.500%	3/31/23	421,875	417,589	0.8%
United States Treasury Note/Bond	1.750%	4/30/22	409,134	395,068	0.8%
United States Treasury Note/Bond	1.500%	5/31/20	395,312	387,651	0.8%
United States Treasury Note/Bond	1.625%	6/30/19	383,139	380,384	0.7%
United States Treasury Note/Bond	1.750%	5/15/23	393,320	375,683	0.7%
United States Treasury Note/Bond	0.875%	9/15/19	378,600	371,679	0.7%
United States Treasury Note/Bond	1.250%	1/31/20	374,467	367,270	0.7%
United States Treasury Note/Bond	1.875%	12/15/20	372,925	366,630	0.7%
United States Treasury Note/Bond	1.125%	2/28/21	379,402	364,996	0.7%
United States Treasury Note/Bond	1.500%	5/15/20	340,461	334,132	0.7%
United States Treasury Note/Bond	1.625%	7/31/19	331,696	329,003	0.6%
United States Treasury Note/Bond	1.375%	4/30/20	314,470	308,033	0.6%
United States Treasury Note/Bond	1.750%	11/30/21	312,639	303,357	0.6%
United States Treasury Note/Bond	1.500%	2/28/23	311,720	295,015	0.6%
United States Treasury Note/Bond	1.500%	4/15/20	293,296	288,072	0.6%

Short-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
United States Treasury Note/Bond	1.500%	7/15/20	288,805	282,850	0.6%
United States Treasury Note/Bond	1.625%	6/30/20	277,165	272,270	0.5%
United States Treasury Note/Bond	1.875%	8/31/22	269,117	260,287	0.5%
United States Treasury Note/Bond	2.000%	12/31/21	264,378	258,472	0.5%
United States Treasury Note/Bond	2.750%	5/31/23	258,123	258,404	0.5%
United States Treasury Note/Bond	1.000%	10/15/19	258,275	253,554	0.5%
United States Treasury Note/Bond	1.875%	7/31/22	258,294	250,021	0.5%
United States Treasury Note/Bond	1.375%	1/31/21	256,574	248,718	0.5%
United States Treasury Note/Bond	1.125%	7/31/21	253,355	242,073	0.5%
United States Treasury Note/Bond	0.750%–8.750%	6/30/19–7/31/23	8,067,481	7,900,088	15.5%
				31,035,919	60.8%
Agency Bonds and Notes					
^{1,2} Federal National Mortgage Assn. Agency Bonds and Notes—Other †	0.000%–2.750%	8/2/19–1/19/23	694,872	679,601	1.3%
				1,104,868	2.2%
				1,784,469	3.5%
Total U.S. Government and Agency Obligations (Cost \$33,513,609)				32,820,388	64.3%
Corporate Bonds					
Finance					
³ Banking †				4,751,971	9.3%
Brokerage †				107,884	0.2%
Finance Companies †				185,161	0.4%
³ Insurance †				494,814	1.0%
Other Finance †				3,346	0.0%
Real Estate Investment Trusts †				319,039	0.6%
				5,862,215	11.5%
Industrial					
Basic Industry †				328,662	0.6%
³ Capital Goods †				759,629	1.5%
³ Communication †				861,161	1.7%
³ Consumer Cyclical †				1,085,779	2.1%
³ Consumer Noncyclical †				2,123,069	4.2%
Energy †				998,561	2.0%
Other Industrial †				2,493	0.0%
³ Technology †				1,219,695	2.4%
Transportation †				207,217	0.4%
				7,586,266	14.9%

Short-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
Utilities					
Electric †				547,273	1.0%
³ Natural Gas †				37,527	0.1%
				584,800	1.1%
Total Corporate Bonds (Cost \$14,288,949)				14,033,281	27.5%
Sovereign Bonds					
FMS Wertmanagement	2.750%	3/6/23	10,500	10,379	0.0%
⁴ FMS Wertmanagement AoeR	1.000%–2.000%	8/16/19–8/1/22	62,235	60,904	0.1%
International Bank for Reconstruction & Development	0.875%–7.625%	7/26/19–4/19/23	449,757	439,820	0.9%
International Finance Corp.	1.125%–2.250%	9/16/19–10/24/22	75,750	74,479	0.1%
⁴ KFW	1.000%–4.000%	7/15/19–1/17/23	688,940	677,605	1.4%
Sovereign Bonds—Other †				2,576,454	5.0%
Total Sovereign Bonds (Cost \$3,915,062)				3,839,641	7.5%
Taxable Municipal Bonds (Cost \$ 63,154) †				62,674	0.1%
Shares					
Temporary Cash Investment					
Money Market Fund					
⁵ Vanguard Market Liquidity Fund (Cost \$533,459)	2.122%		5,334,215	533,475	1.1%
Total Investments (Cost \$52,314,233)				51,289,459	100.5%
				Amount (\$000)	
Other Assets and Liabilities					
Other Assets					
Investment in Vanguard				2,653	
Receivables for Investment Securities Sold				641,487	
Receivables for Accrued Income				292,602	
Receivables for Capital Shares Issued				28,100	
Other Assets				2,439	
Total Other Assets				967,281	1.9%
Liabilities					
Payables for Investment Securities Purchased				(1,158,143)	
Payables for Capital Shares Redeemed				(23,552)	
Payables for Distributions				(4,147)	
Payables to Vanguard				(13,990)	
Total Liabilities				(1,199,832)	(2.4%)
Net Assets				51,056,908	100.0%

Short-Term Bond Index Fund

At June 30, 2018, net assets consisted of:

	Amount (\$000)
Paid-in Capital	52,173,185
Undistributed Net Investment Income	40,472
Accumulated Net Realized Losses	(131,975)
Unrealized Appreciation (Depreciation)	(1,024,774)
Net Assets	51,056,908

Investor Shares—Net Assets

Applicable to 131,830,720 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	1,350,704
Net Asset Value Per Share—Investor Shares	\$10.25

ETF Shares—Net Assets

Applicable to 326,012,541 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	25,494,673
Net Asset Value Per Share—ETF Shares	\$78.20

Admiral Shares—Net Assets

Applicable to 1,357,514,422 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	13,908,807
Net Asset Value Per Share—Admiral Shares	\$10.25

Institutional Shares—Net Assets

Applicable to 512,898,772 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	5,255,058
Net Asset Value Per Share—Institutional Shares	\$10.25

Institutional Plus Shares—Net Assets

Applicable to 492,658,486 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	5,047,666
Net Asset Value Per Share—Institutional Plus Shares	\$10.25

• See Note A in Notes to Financial Statements.

† Represents the aggregate value, by category, of securities that are not among the 50 largest holdings and, in total for any issuer, represent 1% or less of net assets.

1 The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.

2 The average or expected maturity is shorter than the final maturity shown because of the possibility of interim principal payments and prepayments or the possibility of the issue being called.

3 Certain of the fund's securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At June 30, 2018, the aggregate value of these securities was \$172,600,000, representing 0.3% of net assets.

4 Guaranteed by the Federal Republic of Germany.

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

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

Statement of Operations

Six Months Ended
June 30, 2018

(\$000)

Investment Income	
Income	
Interest ¹	490,209
Total Income	490,209
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	723
Management and Administrative—Investor Shares	882
Management and Administrative—ETF Shares	7,178
Management and Administrative—Admiral Shares	4,101
Management and Administrative—Institutional Shares	1,111
Management and Administrative—Institutional Plus Shares	886
Marketing and Distribution—Investor Shares	149
Marketing and Distribution—ETF Shares	584
Marketing and Distribution—Admiral Shares	548
Marketing and Distribution—Institutional Shares	73
Marketing and Distribution—Institutional Plus Shares	29
Custodian Fees	50
Shareholders' Reports—Investor Shares	15
Shareholders' Reports—ETF Shares	297
Shareholders' Reports—Admiral Shares	95
Shareholders' Reports—Institutional Shares	7
Shareholders' Reports—Institutional Plus Shares	10
Trustees' Fees and Expenses	17
Total Expenses	16,755
Net Investment Income	473,454
Realized Net Gain (Loss) on Investment Securities Sold¹	(116,871)
Change in Unrealized Appreciation (Depreciation) of Investment Securities¹	(537,510)
Net Increase (Decrease) in Net Assets Resulting from Operations	(180,927)

¹ Interest income, realized net gain (loss), and change in unrealized appreciation (depreciation) from an affiliated company of the fund were \$1,778,000, (\$59,000), and \$10,000, respectively. Purchases and sales are for temporary cash investment purposes.

Statement of Changes in Net Assets

	Six Months Ended June 30, 2018	Year Ended December 31, 2017
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	473,454	814,619
Realized Net Gain (Loss)	(116,871)	(15,361)
Change in Unrealized Appreciation (Depreciation)	(537,510)	(231,781)
Net Increase (Decrease) in Net Assets Resulting from Operations	(180,927)	567,477
Distributions		
Net Investment Income		
Investor Shares	(12,949)	(27,151)
ETF Shares	(188,447)	(365,424)
Admiral Shares	(134,542)	(260,776)
Institutional Shares	(48,802)	(83,522)
Institutional Plus Shares	(48,378)	(77,791)
Realized Capital Gain ¹		
Investor Shares	—	(52)
ETF Shares	—	(622)
Admiral Shares	—	(450)
Institutional Shares	—	(141)
Institutional Plus Shares	—	(126)
Total Distributions	(433,118)	(816,055)
Capital Share Transactions		
Investor Shares	(174,512)	(314,174)
ETF Shares	1,863,023	4,443,947
Admiral Shares	(1,932,249)	776,598
Institutional Shares	287,372	93,631
Institutional Plus Shares	34,490	766,304
Net Increase (Decrease) from Capital Share Transactions	78,124	5,766,306
Total Increase (Decrease)	(535,921)	5,517,728
Net Assets		
Beginning of Period	51,592,829	46,075,101
End of Period²	51,056,908	51,592,829

¹ Includes fiscal 2018 and 2017 short-term gain distributions totaling \$0 and \$3,541,000, respectively. Short-term gain distributions are treated as ordinary income dividends for tax purposes.

² Net Assets—End of Period includes undistributed (overdistributed) net investment income of \$40,472,000 and \$136,000.

Financial Highlights

Investor Shares

For a Share Outstanding Throughout Each Period	Six Months Ended June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$10.38	\$10.43	\$10.43	\$10.48	\$10.49	\$10.63
Investment Operations						
Net Investment Income	.092 ¹	.164 ¹	.146	.130	.116	.116
Net Realized and Unrealized Gain (Loss) on Investments	(.129)	(.050)	.002	(.040)	.005	(.109)
Total from Investment Operations	(.037)	.114	.148	.090	.121	.007
Distributions						
Dividends from Net Investment Income	(.093)	(.164)	(.146)	(.130)	(.116)	(.116)
Distributions from Realized Capital Gains	—	(.000) ²	(.002)	(.010)	(.015)	(.031)
Total Distributions	(.093)	(.164)	(.148)	(.140)	(.131)	(.147)
Net Asset Value, End of Period	\$10.25	\$10.38	\$10.43	\$10.43	\$10.48	\$10.49
Total Return³	-0.36%	1.10%	1.41%	0.85%	1.16%	0.07%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$1,351	\$1,545	\$1,865	\$2,307	\$2,667	\$3,003
Ratio of Total Expenses to Average Net Assets	0.15%	0.15%	0.15%	0.16%	0.20%	0.20%
Ratio of Net Investment Income to Average Net Assets	1.82%	1.57%	1.38%	1.23%	1.10%	1.09%
Portfolio Turnover Rate ⁴	52%	50%	51%	52%	45%	50%

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

1 Calculated based on average shares outstanding.

2 Distribution was less than \$.001 per share.

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

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

ETF Shares

For a Share Outstanding Throughout Each Period	Six Months Ended June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$79.09	\$79.44	\$79.49	\$79.87	\$79.89	\$80.94
Investment Operations						
Net Investment Income	.737 ¹	1.314 ¹	1.172	1.039	.959	.950
Net Realized and Unrealized Gain (Loss) on Investments	(1.020)	(.362)	(.037)	(.303)	.094	(.813)
Total from Investment Operations	(.283)	.952	1.135	.736	1.053	.137
Distributions						
Dividends from Net Investment Income	(.607)	(1.300)	(1.172)	(1.039)	(.959)	(.950)
Distributions from Realized Capital Gains	—	(.002)	(.013)	(.077)	(.114)	(.237)
Total Distributions	(.607)	(1.302)	(1.185)	(1.116)	(1.073)	(1.187)
Net Asset Value, End of Period	\$78.20	\$79.09	\$79.44	\$79.49	\$79.87	\$79.89
Total Return	-0.36%	1.20%	1.42%	0.92%	1.32%	0.17%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$25,495	\$23,902	\$19,576	\$17,402	\$15,655	\$13,926
Ratio of Total Expenses to Average Net Assets	0.07%	0.07%	0.07%	0.09%	0.10%	0.10%
Ratio of Net Investment Income to Average Net Assets	1.90%	1.65%	1.46%	1.30%	1.20%	1.19%
Portfolio Turnover Rate ²	52%	50%	51%	52%	45%	50%

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

1 Calculated based on average shares outstanding.

2 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

Admiral Shares

For a Share Outstanding Throughout Each Period	Six Months Ended June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$10.38	\$10.43	\$10.43	\$10.48	\$10.49	\$10.63
Investment Operations						
Net Investment Income	.097 ¹	.172 ¹	.154	.137	.126	.127
Net Realized and Unrealized Gain (Loss) on Investments	(.130)	(.050)	.002	(.040)	.005	(.109)
Total from Investment Operations	(.033)	.122	.156	.097	.131	.018
Distributions						
Dividends from Net Investment Income	(.097)	(.172)	(.154)	(.137)	(.126)	(.127)
Distributions from Realized Capital Gains	—	(.000) ²	(.002)	(.010)	(.015)	(.031)
Total Distributions	(.097)	(.172)	(.156)	(.147)	(.141)	(.158)
Net Asset Value, End of Period	\$10.25	\$10.38	\$10.43	\$10.43	\$10.48	\$10.49
Total Return³	-0.32%	1.18%	1.49%	0.92%	1.26%	0.17%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$13,909	\$16,034	\$15,335	\$14,662	\$13,212	\$5,035
Ratio of Total Expenses to Average Net Assets	0.07%	0.07%	0.07%	0.09%	0.10%	0.10%
Ratio of Net Investment Income to Average Net Assets	1.90%	1.65%	1.46%	1.30%	1.20%	1.19%
Portfolio Turnover Rate ⁴	52%	50%	51%	52%	45%	50%

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

1 Calculated based on average shares outstanding.

2 Distribution was less than \$.001 per share.

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

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 June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$10.38	\$10.43	\$10.43	\$10.48	\$10.49	\$10.63
Investment Operations						
Net Investment Income	.098 ¹	.174 ¹	.156	.140	.130	.130
Net Realized and Unrealized Gain (Loss) on Investments	(.130)	(.050)	.002	(.040)	.005	(.109)
Total from Investment Operations	(.032)	.124	.158	.100	.135	.021
Distributions						
Dividends from Net Investment Income	(.098)	(.174)	(.156)	(.140)	(.130)	(.130)
Distributions from Realized Capital Gains	—	(.000) ²	(.002)	(.010)	(.015)	(.031)
Total Distributions	(.098)	(.174)	(.158)	(.150)	(.145)	(.161)
Net Asset Value, End of Period	\$10.25	\$10.38	\$10.43	\$10.43	\$10.48	\$10.49
Total Return	-0.31%	1.20%	1.51%	0.95%	1.29%	0.20%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$5,255	\$5,033	\$4,963	\$4,506	\$4,505	\$3,282
Ratio of Total Expenses to Average Net Assets	0.05%	0.05%	0.05%	0.06%	0.07%	0.07%
Ratio of Net Investment Income to Average Net Assets	1.92%	1.67%	1.48%	1.33%	1.23%	1.22%
Portfolio Turnover Rate ³	52%	50%	51%	52%	45%	50%

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

1 Calculated based on average shares outstanding.

2 Distribution was less than \$.001 per share.

3 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 June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$10.38	\$10.43	\$10.43	\$10.48	\$10.49	\$10.63
Investment Operations						
Net Investment Income	.098 ¹	.175 ¹	.158	.142	.132	.132
Net Realized and Unrealized Gain (Loss) on Investments	(.130)	(.050)	.002	(.040)	.005	(.109)
Total from Investment Operations	(.032)	.125	.160	.102	.137	.023
Distributions						
Dividends from Net Investment Income	(.098)	(.175)	(.158)	(.142)	(.132)	(.132)
Distributions from Realized Capital Gains	—	(.000) ²	(.002)	(.010)	(.015)	(.031)
Total Distributions	(.098)	(.175)	(.160)	(.152)	(.147)	(.163)
Net Asset Value, End of Period	\$10.25	\$10.38	\$10.43	\$10.43	\$10.48	\$10.49
Total Return	-0.30%	1.21%	1.52%	0.97%	1.31%	0.22%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$5,048	\$5,078	\$4,336	\$3,502	\$2,515	\$1,868
Ratio of Total Expenses to Average Net Assets	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%
Ratio of Net Investment Income to Average Net Assets	1.93%	1.68%	1.49%	1.35%	1.25%	1.24%
Portfolio Turnover Rate ³	52%	50%	51%	52%	45%	50%

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

1 Calculated based on average shares outstanding.

2 Distribution was less than \$.001 per share.

3 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 Short-Term Bond Index Fund is registered under the Investment Company Act of 1940 as an open-end investment company, or mutual fund. Certain of the fund's investments are in corporate debt instruments; the issuers' abilities to meet their obligations may be affected by economic developments in their respective industries. The fund offers five classes of shares: Investor Shares, ETF Shares, Admiral Shares, Institutional Shares, and Institutional Plus Shares. Investor Shares are available to any investor who meets the fund's minimum purchase requirements. ETF Shares are listed for trading on NYSE Arca; they can be purchased and sold through a broker. Admiral Shares, Institutional Shares, and Institutional Plus Shares are designed for investors who meet certain administrative, service, and account-size criteria.

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 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. Structured debt securities, including mortgages and asset-backed securities, are valued using the latest bid prices or using valuations based on a matrix system that considers such factors as issuer, tranche, nominal or option-adjusted spreads, weighted average coupon, weighted average maturity, credit enhancements, and collateral. 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 board of trustees to represent fair value.
2. **Federal Income Taxes:** The fund intends to continue to qualify as a regulated investment company and distribute all of its taxable income. Management has analyzed the fund's tax positions taken for all open federal income tax years (December 31, 2014–2017), and for the period ended June 30, 2018, and has concluded that no provision for federal income tax is required in the fund's financial statements.
3. **Distributions:** Distributions from net investment income are declared daily by all share classes except ETF Shares, and paid on the first business day of the following month. Monthly income dividends from ETF Shares, and annual distributions from realized capital gains, if any, are recorded on the ex-dividend date.
4. **Credit Facility:** The fund and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$3.1 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement that may be renewed annually; each fund is individually liable for its borrowings, if any, under the credit facility. Borrowings may be utilized for temporary and emergency purposes, and are subject to the fund's regulatory and contractual borrowing restrictions. The participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn amount of the facility; these fees 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 this facility bear interest at a rate based upon the higher of the one-month London Interbank Offered Rate, federal funds effective rate, or overnight bank funding rate plus an agreed-upon spread.

The fund had no borrowings outstanding at June 30, 2018, or at any time during the period then ended.

5. Other: Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Premiums and discounts on debt securities purchased are amortized and accreted, respectively, to interest income over the lives of the respective securities. 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.

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), shareholder reporting, and the proxy. 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. Vanguard does not require reimbursement in the current period for certain costs of operations (such as deferred compensation/benefits and risk/insurance costs); the fund's liability for these costs of operations is included in Payables to Vanguard on the Statement of Net Assets. All other costs of operations payable to Vanguard 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 June 30, 2018, the fund had contributed to Vanguard capital in the amount of \$2,653,000, representing 0.01% of the fund's net assets and 1.06% of Vanguard's capitalization. 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 Statement of Net Assets.

The following table summarizes the market value of the fund's investments as of June 30, 2018, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
U.S. Government and Agency Obligations	—	32,820,388	—
Corporate Bonds	—	14,033,281	—
Sovereign Bonds	—	3,839,641	—
Taxable Municipal Bonds	—	62,674	—
Temporary Cash Investments	533,475	—	—
Total	533,475	50,755,984	—

D. Capital gain distributions are determined on a tax basis and may differ from realized capital gains for financial reporting purposes. Differences may be permanent or temporary. Permanent differences are reclassified among capital accounts in the financial statements to reflect their tax character. Temporary differences arise when gains or losses are recognized in different periods for financial statement and tax purposes. These differences will reverse at some time in the future.

During the six months ended June 30, 2018, the fund realized \$4,715,000 of net capital losses resulting from in-kind redemptions—in which shareholders exchanged fund shares for securities held by the fund rather than for cash. Because such losses are not taxable to the fund, and are not distributed to shareholders, they have been reclassified from accumulated net realized losses to paid-in capital.

The fund's tax-basis capital gains and losses are determined only at the end of each fiscal year. For tax purposes, at December 31, 2017, the fund had available capital losses totaling \$19,870,000 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 December 31, 2018; should the fund realize net capital losses for the year, the losses will be added to the loss carryforward balance above.

At June 30, 2018, the cost of investment securities for tax purposes was \$52,314,233,000. Net unrealized depreciation of investment securities for tax purposes was \$1,024,774,000, consisting of unrealized gains of \$3,650,000 on securities that had risen in value since their purchase and \$1,028,424,000 in unrealized losses on securities that had fallen in value since their purchase.

E. During the six months ended June 30, 2018, the fund purchased \$4,343,885,000 of investment securities and sold \$4,255,619,000 of investment securities, other than U.S. government securities and temporary cash investments. Purchases and sales of U.S. government securities were \$11,380,724,000 and \$11,188,580,000, respectively. Total purchases and sales include \$2,748,192,000 and \$905,261,000, respectively, in connection with in-kind purchases and redemptions of the fund's capital shares.

The fund purchased securities from and sold securities to other Vanguard funds or accounts managed by Vanguard or its affiliates, in accordance with procedures adopted by the board of trustees in compliance with Rule 17a-7 of the Investment Company Act of 1940. For the six months ended June 30, 2018, such purchases and sales were \$1,638,478,000 and \$678,899,000, respectively; these amounts are included in the purchases and sales of investment securities noted above.

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

	Six Months Ended June 30, 2018		Year Ended December 31, 2017	
	Amount (\$000)	Shares (000)	Amount (\$000)	Shares (000)
Investor Shares				
Issued	171,554	16,688	404,865	38,751
Issued in Lieu of Cash Distributions	11,439	1,114	24,088	2,305
Redeemed	(357,505)	(34,790)	(743,127)	(71,114)
Net Increase (Decrease)—Investor Shares	(174,512)	(16,988)	(314,174)	(30,058)
ETF Shares				
Issued	2,778,746	35,500	5,685,314	71,400
Issued in Lieu of Cash Distributions	—	—	—	—
Redeemed	(915,723)	(11,700)	(1,241,367)	(15,600)
Net Increase (Decrease)—ETF Shares	1,863,023	23,800	4,443,947	55,800
Admiral Shares				
Issued	2,361,407	229,747	5,012,766	479,769
Issued in Lieu of Cash Distributions	114,483	11,151	225,667	21,598
Redeemed	(4,408,139)	(428,151)	(4,461,835)	(427,170)
Net Increase (Decrease)—Admiral Shares	(1,932,249)	(187,253)	776,598	74,197
Institutional Shares				
Issued	1,061,975	103,382	2,000,150	191,403
Issued in Lieu of Cash Distributions	45,446	4,427	76,468	7,319
Redeemed	(820,049)	(79,849)	(1,982,987)	(189,777)
Net Increase (Decrease)—Institutional Shares	287,372	27,960	93,631	8,945
Institutional Plus Shares				
Issued	425,327	41,388	2,029,693	194,290
Issued in Lieu of Cash Distributions	46,664	4,545	73,094	6,995
Redeemed	(437,501)	(42,532)	(1,336,483)	(127,812)
Net Increase (Decrease)—Institutional Plus Shares	34,490	3,401	766,304	73,473

G. Management has determined that no events or transactions occurred subsequent to June 30, 2018, that would require recognition or disclosure in these financial statements.

Intermediate-Term Bond Index Fund

Fund Profile

As of June 30, 2018

Share-Class Characteristics

	Investor Shares	ETF Shares	Admiral Shares	Institutional Shares	Institutional Plus Shares
Ticker Symbol	VBIIIX	BIV	VBILX	VBIMX	VBIUX
Expense Ratio ¹	0.15%	0.07%	0.07%	0.05%	0.04%
30-Day SEC Yield	3.31%	3.39%	3.39%	3.41%	3.42%

Financial Attributes

	Fund	Bloomberg Barclays 5–10 Year Gov/ Credit Float Adj Index	Bloomberg Barclays Aggregate Float Adj Index
Number of Bonds	1,862	1,946	9,959
Yield to Maturity (before expenses)	3.4%	3.4%	3.3%
Average Coupon	2.9%	3.0%	3.1%
Average Duration	6.4 years	6.4 years	6.1 years
Average Effective Maturity	7.2 years	7.2 years	8.4 years
Short-Term Reserves	0.6%	—	—

Sector Diversification (% of portfolio)

Finance	14.9%
Foreign	5.5
Industrial	23.9
Treasury/Agency	53.4
Utilities	2.2
Other	0.1

The agency and mortgage-backed securities sectors may include issues from government-sponsored enterprises; such issues are generally not backed by the full faith and credit of the U.S. government.

Volatility Measures

	Bloomberg Barclays 5–10 Year Gov/ Credit Float Adj Index	Bloomberg Barclays Aggregate Float Adj Index
R-Squared	0.99	0.97
Beta	1.03	1.30

These measures show the degree and timing of the fund's fluctuations compared with the indexes over 36 months.

Distribution by Credit Quality (% of portfolio)

U.S. Government	53.4%
Aaa	2.5
Aa	3.1
A	16.4
Baa	24.6

Credit-quality ratings are obtained from Barclays and are from Moody's, Fitch, and S&P. When ratings from all three agencies are used, the median rating is shown. When ratings from two of the agencies are used, the lower rating for each issue is shown. "Not Rated" is used to classify securities for which a rating is not available. For more information about these ratings, see the Glossary entry for Credit Quality.

Distribution by Effective Maturity (% of portfolio)

Under 1 Year	0.1%
3 - 5 Years	0.8
5 - 10 Years	99.1

¹ The expense ratios shown are from the prospectus dated April 26, 2018, and represent estimated costs for the current fiscal year. For the six months ended June 30, 2018, the annualized expense ratios were 0.15% for Investor Shares, 0.07% for ETF Shares, 0.07% for Admiral Shares, 0.05% for Institutional Shares, and 0.04% for Institutional Plus Shares.

Investment Focus

Average Maturity		Short	Med.	Long
Credit Quality	Treasury/ Agency			
	Investment-Grade Corporate			
	Below Investment-Grade			

Performance Summary

All of the returns in this report represent past performance, which is not a guarantee of future results that may be achieved by the fund. (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.) Note, too, that both investment returns and principal value can fluctuate widely, so an investor's shares, when sold, could be worth more or less than their original cost. The returns shown do not reflect taxes that a shareholder would pay on fund distributions or on the sale of fund shares.

Fiscal-Year Total Returns (%): December 31, 2007, Through June 30, 2018

Fiscal Year	Investor Shares			Total Returns
	Income Returns	Capital Returns	Total Returns	
2008	4.93%	0.00%	4.93%	5.06%
2009	4.69	2.10	6.79	6.50
2010	4.26	5.11	9.37	9.44
2011	4.01	6.61	10.62	10.79
2012	3.23	3.68	6.91	7.22
2013	2.71	-6.25	-3.54	-3.37
2014	2.91	3.94	6.85	6.91
2015	2.62	-1.41	1.21	1.28
2016	2.52	0.23	2.75	3.10
2017	2.59	1.17	3.76	3.81
2018	1.31	-3.61	-2.30	-2.19

Spliced
Bloomberg
Barclays
5–10 Year
Gov/Credit
FA Index

For a benchmark description, see the Glossary.

Note: For 2018, performance data reflect the six months ended June 30, 2018.

Average Annual Total Returns: Periods Ended June 30, 2018

	Inception Date	One Year	Five Years	Ten Years		
				Income	Capital	Total
Investor Shares	3/1/1994	-1.47%	2.44%	3.32%	1.23%	4.55%
ETF Shares	4/3/2007					
Market Price		-1.52	2.54			4.59
Net Asset Value		-1.39	2.51			4.64
Admiral Shares	11/12/2001	-1.39	2.52	3.42	1.23	4.65
Institutional Shares	1/26/2006	-1.37	2.55	3.45	1.23	4.68
Institutional Plus Shares	11/30/2011	-1.36	2.56	2.90 ¹	-0.18 ¹	2.72 ¹

¹ Return since inception.

See Financial Highlights for dividend and capital gains information.

Financial Statements (unaudited)

Statement of Net Assets—Investments Summary

As of June 30, 2018

This Statement summarizes the fund's holdings by asset type. Details are reported for each of the fund's 50 largest individual holdings and for investments that, in total for any issuer, represent more than 1% of the fund's net assets. The total value of smaller holdings is reported as a single amount within each category.

The fund reports a complete list of its holdings in regulatory filings four times in each fiscal year, at the quarter-ends. For the second and fourth fiscal quarters, the complete listing of the fund's holdings is available electronically on vanguard.com and on the Securities and Exchange Commission's website (sec.gov), or you can have it mailed to you without charge by calling 800-662-7447. For the first and third fiscal quarters, the fund files the lists with the SEC on Form N-Q. Shareholders can look up the fund's Forms N-Q on the SEC's website. Forms N-Q may also be reviewed and copied at the SEC's Public Reference Room (see the back cover of this report for further information).

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
U.S. Government and Agency Obligations					
U.S. Government Securities					
United States Treasury Note/Bond	2.125%	2/29/24	875,345	845,391	2.6%
United States Treasury Note/Bond	2.750%	11/15/23	680,777	680,355	2.1%
United States Treasury Note/Bond	2.500%	5/15/24	678,624	667,807	2.0%
United States Treasury Note/Bond	2.250%	2/15/27	669,565	638,705	2.0%
United States Treasury Note/Bond	2.750%	2/15/28	629,730	623,924	1.9%
United States Treasury Note/Bond	1.625%	5/15/26	679,848	621,741	1.9%
United States Treasury Note/Bond	2.375%	5/15/27	633,742	610,078	1.9%
United States Treasury Note/Bond	2.875%	5/15/28	605,553	606,498	1.9%
United States Treasury Note/Bond	1.625%	2/15/26	653,299	599,199	1.8%
United States Treasury Note/Bond	2.000%	11/15/26	615,297	576,459	1.8%
United States Treasury Note/Bond	2.250%	11/15/27	604,445	574,223	1.8%
United States Treasury Note/Bond	2.125%	5/15/25	591,160	565,575	1.7%
United States Treasury Note/Bond	2.000%	8/15/25	594,527	563,035	1.7%
United States Treasury Note/Bond	2.250%	8/15/27	575,586	547,526	1.7%

Intermediate-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
United States Treasury Note/Bond	1.500%	8/15/26	595,211	537,362	1.6%
United States Treasury Note/Bond	2.500%	8/15/23	499,715	493,778	1.5%
United States Treasury Note/Bond	2.875%	5/31/25	440,215	441,795	1.3%
United States Treasury Note/Bond	2.375%	8/15/24	448,049	437,269	1.3%
United States Treasury Note/Bond	2.000%	2/15/25	458,951	436,361	1.3%
United States Treasury Note/Bond	2.750%	2/28/25	430,616	429,001	1.3%
United States Treasury Note/Bond	2.250%	11/15/25	433,742	417,138	1.3%
United States Treasury Note/Bond	2.125%	11/30/24	430,400	413,184	1.3%
United States Treasury Note/Bond	2.250%	11/15/24	414,024	400,502	1.2%
United States Treasury Note/Bond	2.125%	9/30/24	371,965	357,551	1.1%
United States Treasury Note/Bond	2.125%	11/30/23	355,340	343,902	1.0%
United States Treasury Note/Bond	2.000%	5/31/24	350,350	335,243	1.0%
United States Treasury Note/Bond	2.500%	1/31/25	331,925	325,804	1.0%
United States Treasury Note/Bond	2.750%	2/15/24	322,737	322,233	1.0%
United States Treasury Note/Bond	2.000%	6/30/24	332,240	317,705	1.0%
United States Treasury Note/Bond	2.125%	3/31/24	310,775	299,898	0.9%
United States Treasury Note/Bond	1.375%	8/31/23	310,125	289,629	0.9%
United States Treasury Note/Bond	1.875%	8/31/24	243,078	230,506	0.7%
United States Treasury Note/Bond	2.250%	12/31/24	233,500	225,767	0.7%
United States Treasury Note/Bond	2.625%	3/31/25	202,390	200,050	0.6%
United States Treasury Note/Bond	1.375%	9/30/23	202,400	188,770	0.6%
United States Treasury Note/Bond	2.125%	7/31/24	187,650	180,613	0.5%
United States Treasury Note/Bond	2.875%	4/30/25	131,625	132,119	0.4%
United States Treasury Note/Bond	2.000%	4/30/24	127,010	121,651	0.4%
United States Treasury Note/Bond	2.250%	1/31/24	124,195	120,818	0.4%
United States Treasury Note/Bond	2.250%	12/31/23	114,279	111,244	0.3%
United States Treasury Note/Bond	2.750%	6/30/25	94,150	93,738	0.3%

Intermediate-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
United States Treasury Note/Bond	2.250%	10/31/24	87,120	84,316	0.3%
United States Treasury Note/Bond	6.875%	8/15/25	47,479	59,875	0.2%
United States Treasury Note/Bond	1.375%–6.250%	6/30/23–10/31/23	99,468	99,416	0.3%
				17,167,754	52.5%
Agency Bonds and Notes					
¹ Federal National Mortgage Assn. Agency Bonds and Notes—Other †	2.625%	9/6/24	102,020	100,445	0.3%
				157,237	0.5%
				257,682	0.8%
Total U.S. Government and Agency Obligations (Cost \$18,098,537)				17,425,436	53.3%
Corporate Bonds					
Finance					
Banking					
Bank of America Corp.	3.419%	12/20/28	59,166	55,691	0.2%
² Bank of America Corp.	3.093%–4.450%	7/24/23–3/5/29	348,946	342,043	1.0%
Bank One Corp.	8.000%	4/29/27	6,985	8,774	0.0%
² JPMorgan Chase & Co.	2.950%–4.250%	2/1/24–4/23/29	337,348	327,279	1.0%
³ Banking—Other †				2,549,621	7.8%
Brokerage †				202,691	0.6%
Finance Companies †				88,520	0.3%
³ Insurance †				582,279	1.8%
Other Finance †				9,534	0.0%
Real Estate Investment Trusts †				651,753	2.0%
				4,818,185	14.7%
Industrial					
³ Basic Industry †				339,530	1.1%
³ Capital Goods †				599,496	1.8%
³ Communication †				942,750	2.9%
Consumer Cyclical †				940,478	2.9%
Consumer Noncyclical					
Anheuser-Busch InBev Finance Inc.	3.650%	2/1/26	117,610	115,115	0.4%
CVS Health Corp.	4.300%	3/25/28	82,785	81,572	0.2%
³ Consumer Noncyclical—Other †				1,901,563	5.8%
³ Energy †				1,242,562	3.8%
Other Industrial †				37,042	0.1%
Technology					
Broadcom Corp. / Broadcom Cayman Finance Ltd.	3.875%	1/15/27	55,095	52,016	0.2%
³ Technology—Other †				1,176,256	3.6%
Transportation †				271,156	0.8%
				7,699,536	23.6%

Intermediate-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
Utilities					
³ Electric †				626,114	1.9%
Natural Gas †				63,667	0.2%
Other Utility †				14,694	0.1%
				704,475	2.2%
Total Corporate Bonds (Cost \$13,679,542)				13,222,196	40.5%
Sovereign Bonds					
⁴ KFW	2.500%	11/20/24	60,240	58,504	0.2%
Petroleos Mexicanos	6.500%	3/13/27	60,240	61,855	0.2%
³ Sovereign Bonds—Other †				1,593,005	4.8%
Total Sovereign Bonds (Cost \$1,769,918)				1,713,364	5.2%
Taxable Municipal Bonds (Cost \$61,463) †				60,139	0.2%
Shares					
Temporary Cash Investment					
Money Market Fund					
⁵ Vanguard Market Liquidity Fund (Cost \$209,136)	2.122%		2,091,242	209,145	0.7%
Total Investments (Cost \$33,818,596)				32,630,280	99.9%
				Amount (\$000)	
Other Assets and Liabilities					
Other Assets					
Investment in Vanguard				1,807	
Receivables for Investment Securities Sold				286,266	
Receivables for Accrued Income				247,929	
Receivables for Capital Shares Issued				13,278	
Other Assets				8,147	
Total Other Assets				557,427	1.7%
Liabilities					
Payables for Investment Securities Purchased				(483,971)	
Payables for Capital Shares Redeemed				(14,142)	
Payables for Distributions				(7,111)	
Payables to Vanguard				(10,417)	
Total Liabilities				(515,641)	(1.6%)
Net Assets				32,672,066	100.0%

At June 30, 2018, net assets consisted of:

	Amount (\$000)
Paid-in Capital	34,013,808
Undistributed Net Investment Income	33,957
Accumulated Net Realized Losses	(187,383)
Unrealized Appreciation (Depreciation)	(1,188,316)
Net Assets	32,672,066

Intermediate-Term Bond Index Fund

	Amount (\$000)
Investor Shares—Net Assets	
Applicable to 107,617,505 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	1,178,358
Net Asset Value Per Share—Investor Shares	\$10.95
ETF Shares—Net Assets	
Applicable to 168,654,060 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	13,648,023
Net Asset Value Per Share—ETF Shares	\$80.92
Admiral Shares—Net Assets	
Applicable to 1,183,055,917 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	12,953,807
Net Asset Value Per Share—Admiral Shares	\$10.95
Institutional Shares—Net Assets	
Applicable to 279,665,341 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	3,062,172
Net Asset Value Per Share—Institutional Shares	\$10.95
Institutional Plus Shares—Net Assets	
Applicable to 167,104,977 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	1,829,706
Net Asset Value Per Share—Institutional Plus Shares	\$10.95

• See Note A in Notes to Financial Statements.

† Represents the aggregate value, by category, of securities that are not among the 50 largest holdings and, in total for any issuer, represent 1% or less of net assets.

1 The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.

2 The average or expected maturity is shorter than the final maturity shown because of the possibility of interim principal payments and prepayments or the possibility of the issue being called.

3 Certain of the fund's securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At June 30, 2018, the aggregate value of these securities was \$255,572,000, representing 0.8% of net assets.

4 Guaranteed by the Federal Republic of Germany.

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

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

Statement of Operations

Six Months Ended
June 30, 2018

	(\$000)
Investment Income	
Income	
Interest ¹	487,313
Total Income	487,313
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	493
Management and Administrative—Investor Shares	669
Management and Administrative—ETF Shares	4,300
Management and Administrative—Admiral Shares	3,770
Management and Administrative—Institutional Shares	673
Management and Administrative—Institutional Plus Shares	300
Marketing and Distribution—Investor Shares	126
Marketing and Distribution—ETF Shares	394
Marketing and Distribution—Admiral Shares	506
Marketing and Distribution—Institutional Shares	40
Marketing and Distribution—Institutional Plus Shares	10
Custodian Fees	58
Shareholders' Reports—Investor Shares	107
Shareholders' Reports—ETF Shares	258
Shareholders' Reports—Admiral Shares	60
Shareholders' Reports—Institutional Shares	6
Shareholders' Reports—Institutional Plus Shares	15
Trustees' Fees and Expenses	12
Total Expenses	11,797
Expenses Paid Indirectly	(36)
Net Expenses	11,761
Net Investment Income	475,552
Realized Net Gain (Loss) on Investment Securities Sold¹	(206,297)
Change in Unrealized Appreciation (Depreciation) of Investment Securities¹	(1,057,411)
Net Increase (Decrease) in Net Assets Resulting from Operations	(788,156)

¹ Interest income, realized net gain (loss), and change in unrealized appreciation (depreciation) from an affiliated company of the fund were \$1,293,000, \$11,000, and \$1,000, respectively. Purchases and sales are for temporary cash investment purposes.

Statement of Changes in Net Assets

	Six Months Ended June 30, 2018	Year Ended December 31, 2017
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	475,552	844,940
Realized Net Gain (Loss)	(206,297)	27,773
Change in Unrealized Appreciation (Depreciation)	(1,057,411)	281,559
Net Increase (Decrease) in Net Assets Resulting from Operations	(788,156)	1,154,272
Distributions		
Net Investment Income		
Investor Shares	(16,710)	(35,465)
ETF Shares	(173,357)	(358,019)
Admiral Shares	(181,522)	(334,883)
Institutional Shares	(43,241)	(76,404)
Institutional Plus Shares	(24,968)	(41,601)
Realized Capital Gain ¹		
Investor Shares	—	(1,251)
ETF Shares	—	(14,657)
Admiral Shares	—	(12,887)
Institutional Shares	—	(2,991)
Institutional Plus Shares	—	(1,571)
Total Distributions	(439,798)	(879,729)
Capital Share Transactions		
Investor Shares	(82,129)	(180,550)
ETF Shares	(1,157,462)	3,982,223
Admiral Shares	(39,548)	1,407,121
Institutional Shares	49,470	476,321
Institutional Plus Shares	251,569	147,119
Net Increase (Decrease) from Capital Share Transactions	(978,100)	5,832,234
Total Increase (Decrease)	(2,206,054)	6,106,777
Net Assets		
Beginning of Period	34,878,120	28,771,343
End of Period²	32,672,066	34,878,120

¹ Includes fiscal 2018 and 2017 short-term gain distributions totaling \$0 and \$0, respectively. Short-term gain distributions are treated as ordinary income dividends for tax purposes.

² Net Assets—End of Period includes undistributed (overdistributed) net investment income of \$33,957,000 and (\$1,797,000).

Financial Highlights

Investor Shares

For a Share Outstanding Throughout Each Period	Six Months Ended June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$11.36	\$11.24	\$11.26	\$11.46	\$11.09	\$11.96
Investment Operations						
Net Investment Income	.149 ¹	.289 ¹	.289	.302	.316	.329
Net Realized and Unrealized Gain (Loss) on Investments	(.410)	.132	.025	(.162)	.437	(.745)
Total from Investment Operations	(.261)	.421	.314	.140	.753	(.416)
Distributions						
Dividends from Net Investment Income	(.149)	(.290)	(.289)	(.302)	(.316)	(.329)
Distributions from Realized Capital Gains	—	(.011)	(.045)	(.038)	(.067)	(.125)
Total Distributions	(.149)	(.301)	(.334)	(.340)	(.383)	(.454)
Net Asset Value, End of Period	\$10.95	\$11.36	\$11.24	\$11.26	\$11.46	\$11.09
Total Return²	-2.30%	3.76%	2.75%	1.21%	6.85%	-3.54%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$1,178	\$1,307	\$1,472	\$1,397	\$1,551	\$1,558
Ratio of Total Expenses to Average Net Assets	0.15%	0.15%	0.15%	0.16%	0.20%	0.20%
Ratio of Net Investment Income to Average Net Assets	2.73%	2.54%	2.48%	2.62%	2.76%	2.84%
Portfolio Turnover Rate ³	58%	55%	57%	51%	60%	70%

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

1 Calculated based on average shares outstanding.

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

3 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

ETF Shares

For a Share Outstanding Throughout Each Period	Six Months Ended June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$83.73	\$82.86	\$82.95	\$84.41	\$81.65	\$88.07
Investment Operations						
Net Investment Income	1.133 ¹	2.199 ¹	2.163	2.227	2.403	2.523
Net Realized and Unrealized Gain (Loss) on Investments	(3.003)	.925	.244	(1.177)	3.254	(5.499)
Total from Investment Operations	(1.870)	3.124	2.407	1.050	5.657	(2.976)
Distributions						
Dividends from Net Investment Income	(.940)	(2.174)	(2.163)	(2.227)	(2.403)	(2.523)
Distributions from Realized Capital Gains	—	(.080)	(.334)	(.283)	(.494)	(.921)
Total Distributions	(.940)	(2.254)	(2.497)	(2.510)	(2.897)	(3.444)
Net Asset Value, End of Period	\$80.92	\$83.73	\$82.86	\$82.95	\$84.41	\$81.65
Total Return	-2.23%	3.80%	2.86%	1.23%	7.00%	-3.44%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$13,648	\$15,328	\$11,241	\$7,569	\$4,858	\$3,695
Ratio of Total Expenses to Average Net Assets	0.07%	0.07%	0.07%	0.09%	0.10%	0.10%
Ratio of Net Investment Income to Average Net Assets	2.81%	2.62%	2.56%	2.69%	2.86%	2.94%
Portfolio Turnover Rate ²	58%	55%	57%	51%	60%	70%

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

1 Calculated based on average shares outstanding.

2 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

Admiral Shares

For a Share Outstanding Throughout Each Period	Six Months Ended June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$11.36	\$11.24	\$11.26	\$11.46	\$11.09	\$11.96
Investment Operations						
Net Investment Income	.154 ¹	.298 ¹	.299	.309	.327	.340
Net Realized and Unrealized Gain (Loss) on Investments	(.411)	.132	.025	(.162)	.437	(.745)
Total from Investment Operations	(.257)	.430	.324	.147	.764	(.405)
Distributions						
Dividends from Net Investment Income	(.153)	(.299)	(.299)	(.309)	(.327)	(.340)
Distributions from Realized Capital Gains	—	(.011)	(.045)	(.038)	(.067)	(.125)
Total Distributions	(.153)	(.310)	(.344)	(.347)	(.394)	(.465)
Net Asset Value, End of Period	\$10.95	\$11.36	\$11.24	\$11.26	\$11.46	\$11.09
Total Return²	-2.26%	3.85%	2.83%	1.27%	6.96%	-3.45%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$12,954	\$13,477	\$11,954	\$10,061	\$8,922	\$5,320
Ratio of Total Expenses to Average Net Assets	0.07%	0.07%	0.07%	0.09%	0.10%	0.10%
Ratio of Net Investment Income to Average Net Assets	2.81%	2.62%	2.56%	2.69%	2.86%	2.94%
Portfolio Turnover Rate ³	58%	55%	57%	51%	60%	70%

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

1 Calculated based on average shares outstanding.

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

3 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 June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$11.36	\$11.24	\$11.26	\$11.46	\$11.09	\$11.96
Investment Operations						
Net Investment Income	.155 ¹	.301 ¹	.301	.313	.331	.344
Net Realized and Unrealized Gain (Loss) on Investments	(.411)	.131	.025	(.162)	.437	(.745)
Total from Investment Operations	(.256)	.432	.326	.151	.768	(.401)
Distributions						
Dividends from Net Investment Income	(.154)	(.301)	(.301)	(.313)	(.331)	(.344)
Distributions from Realized Capital Gains	—	(.011)	(.045)	(.038)	(.067)	(.125)
Total Distributions	(.154)	(.312)	(.346)	(.351)	(.398)	(.469)
Net Asset Value, End of Period	\$10.95	\$11.36	\$11.24	\$11.26	\$11.46	\$11.09
Total Return	-2.25%	3.87%	2.85%	1.31%	6.99%	-3.42%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$3,062	\$3,127	\$2,626	\$2,399	\$1,610	\$1,172
Ratio of Total Expenses to Average Net Assets	0.05%	0.05%	0.05%	0.06%	0.07%	0.07%
Ratio of Net Investment Income to Average Net Assets	2.83%	2.64%	2.58%	2.72%	2.89%	2.97%
Portfolio Turnover Rate ²	58%	55%	57%	51%	60%	70%

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

¹ Calculated based on average shares outstanding.

² 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 June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$11.36	\$11.24	\$11.26	\$11.46	\$11.09	\$11.96
Investment Operations						
Net Investment Income	.155 ¹	.302 ¹	.302	.315	.333	.346
Net Realized and Unrealized Gain (Loss) on Investments	(.410)	.131	.025	(.162)	.437	(.745)
Total from Investment Operations	(.255)	.433	.327	.153	.770	(.399)
Distributions						
Dividends from Net Investment Income	(.155)	(.302)	(.302)	(.315)	(.333)	(.346)
Distributions from Realized Capital Gains	—	(.011)	(.045)	(.038)	(.067)	(.125)
Total Distributions	(.155)	(.313)	(.347)	(.353)	(.400)	(.471)
Net Asset Value, End of Period	\$10.95	\$11.36	\$11.24	\$11.26	\$11.46	\$11.09
Total Return	-2.25%	3.88%	2.86%	1.33%	7.01%	-3.40%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$1,830	\$1,640	\$1,478	\$1,057	\$293	\$216
Ratio of Total Expenses to Average Net Assets	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%
Ratio of Net Investment Income to Average Net Assets	2.84%	2.65%	2.59%	2.74%	2.91%	2.99%
Portfolio Turnover Rate ²	58%	55%	57%	51%	60%	70%

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

1 Calculated based on average shares outstanding.

2 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 Intermediate-Term Bond Index Fund is registered under the Investment Company Act of 1940 as an open-end investment company, or mutual fund. Certain of the fund's investments are in corporate debt instruments; the issuers' abilities to meet their obligations may be affected by economic developments in their respective industries. The fund offers five classes of shares: Investor Shares, ETF Shares, Admiral Shares, Institutional Shares, and Institutional Plus Shares. Investor Shares are available to any investor who meets the fund's minimum purchase requirements. ETF Shares are listed for trading on NYSE Arca; they can be purchased and sold through a broker. Admiral Shares, Institutional Shares, and Institutional Plus Shares are designed for investors who meet certain administrative, service, and account-size criteria.

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 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 board of trustees to represent fair value.
2. **Federal Income Taxes:** The fund intends to continue to qualify as a regulated investment company and distribute all of its taxable income. Management has analyzed the fund's tax positions taken for all open federal income tax years (December 31, 2014–2017), and for the period ended June 30, 2018, and has concluded that no provision for federal income tax is required in the fund's financial statements.
3. **Distributions:** Distributions from net investment income are declared daily by all share classes except ETF Shares, and paid on the first business day of the following month. Monthly income dividends from ETF Shares, and annual distributions from realized capital gains, if any, are recorded on the ex-dividend date.
4. **Credit Facility:** The fund and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$3.1 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement that may be renewed annually; each fund is individually liable for its borrowings, if any, under the credit facility. Borrowings may be utilized for temporary and emergency purposes, and are subject to the fund's regulatory and contractual borrowing restrictions. The participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn amount of the facility; these fees 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 this facility bear interest at a rate based upon the higher of the one-month London Interbank Offered Rate, federal funds effective rate, or overnight bank funding rate plus an agreed-upon spread.

The fund had no borrowings outstanding at June 30, 2018, or at any time during the period then ended.

5. Other: Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Premiums and discounts on debt securities purchased are amortized and accreted, respectively, to interest income over the lives of the respective securities. 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.

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), shareholder reporting, and the proxy. 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. Vanguard does not require reimbursement in the current period for certain costs of operations (such as deferred compensation/benefits and risk/insurance costs); the fund's liability for these costs of operations is included in Payables to Vanguard on the Statement of Net Assets. All other costs of operations payable to Vanguard 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 June 30, 2018, the fund had contributed to Vanguard capital in the amount of \$1,807,000, representing 0.01% of the fund's net assets and 0.72% of Vanguard's capitalization. The fund's trustees and officers are also directors and employees, respectively, of Vanguard.

The fund's custodian bank has agreed to reduce its fees when the fund maintains cash on deposit in the non-interest-bearing custody account. For the six months ended June 30, 2018, custodian fee offset arrangements reduced the fund's expenses by \$36,000 (an annual rate of 0.00% of average net assets).

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 Statement of Net Assets.

The following table summarizes the market value of the fund's investments as of June 30, 2018, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
U.S. Government and Agency Obligations	—	17,425,436	—
Corporate Bonds	—	13,222,196	—
Sovereign Bonds	—	1,713,364	—
Taxable Municipal Bonds	—	60,139	—
Temporary Cash Investments	209,145	—	—
Total	209,145	32,421,135	—

D. Capital gain distributions are determined on a tax basis and may differ from realized capital gains for financial reporting purposes. Differences may be permanent or temporary. Permanent differences are reclassified among capital accounts in the financial statements to reflect their tax character. Temporary differences arise when gains or losses are recognized in different periods for financial statement and tax purposes. These differences will reverse at some time in the future.

During the six months ended June 30, 2018, the fund realized \$33,102,000 of net capital losses resulting from in-kind redemptions—in which shareholders exchanged fund shares for securities held by the fund rather than for cash. Because such losses are not taxable to the fund, and are not distributed to shareholders, they have been reclassified from accumulated net realized losses to paid-in capital.

The fund's tax-basis capital gains and losses are determined only at the end of each fiscal year. The fund realized losses of \$14,188,000 during the period from November 1, 2017, through December 31, 2017, which are deferred and will be treated as realized for tax purposes in fiscal 2018. The fund will use these capital losses to offset net taxable capital gains, if any, realized during the year ending December 31, 2018.

At June 30, 2018, the cost of investment securities for tax purposes was \$33,818,596,000. Net unrealized depreciation of investment securities for tax purposes was \$1,188,316,000, consisting of unrealized gains of \$19,209,000 on securities that had risen in value since their purchase and \$1,207,525,000 in unrealized losses on securities that had fallen in value since their purchase.

E. During the six months ended June 30, 2018, the fund purchased \$3,051,852,000 of investment securities and sold \$3,583,976,000 of investment securities, other than U.S. government securities and temporary cash investments. Purchases and sales of U.S. government securities were \$7,564,420,000 and \$7,766,516,000, respectively. Total purchases and sales include \$380,307,000 and \$1,525,607,000, respectively, in connection with in-kind purchases and redemptions of the fund's capital shares.

The fund purchased securities from and sold securities to other Vanguard funds or accounts managed by Vanguard or its affiliates, in accordance with procedures adopted by the board of trustees in compliance with Rule 17a-7 of the Investment Company Act of 1940. For the six months ended June 30, 2018, such purchases and sales were \$486,940,000 and \$2,388,378,000, respectively; these amounts are included in the purchases and sales of investment securities noted above.

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

	Six Months Ended June 30, 2018		Year Ended December 31, 2017	
	Amount (\$000)	Shares (000)	Amount (\$000)	Shares (000)
Investor Shares				
Issued	133,154	12,044	349,757	30,691
Issued in Lieu of Cash Distributions	15,479	1,405	33,976	2,981
Redeemed	(230,762)	(20,923)	(564,283)	(49,549)
Net Increase (Decrease)—Investor Shares	(82,129)	(7,474)	(180,550)	(15,877)
ETF Shares				
Issued	386,062	4,700	4,116,918	49,000
Issued in Lieu of Cash Distributions	—	—	—	—
Redeemed	(1,543,524)	(19,100)	(134,695)	(1,600)
Net Increase (Decrease)—ETF Shares	(1,157,462)	(14,400)	3,982,223	47,400
Admiral Shares				
Issued	1,872,580	169,324	3,893,428	341,773
Issued in Lieu of Cash Distributions	157,473	14,293	301,626	26,459
Redeemed	(2,069,601)	(187,299)	(2,787,933)	(244,878)
Net Increase (Decrease)—Admiral Shares	(39,548)	(3,682)	1,407,121	123,354
Institutional Shares				
Issued	454,749	41,123	846,886	74,367
Issued in Lieu of Cash Distributions	38,728	3,515	71,303	6,254
Redeemed	(444,007)	(40,339)	(441,868)	(38,833)
Net Increase (Decrease)— Institutional Shares	49,470	4,299	476,321	41,788
Institutional Plus Shares				
Issued	291,735	26,388	332,533	29,206
Issued in Lieu of Cash Distributions	12,821	1,164	22,603	1,983
Redeemed	(52,987)	(4,819)	(208,017)	(18,302)
Net Increase (Decrease)—Institutional Plus Shares	251,569	22,733	147,119	12,887

G. Management has determined that no events or transactions occurred subsequent to June 30, 2018, that would require recognition or disclosure in these financial statements.

Long-Term Bond Index Fund

Fund Profile

As of June 30, 2018

Share-Class Characteristics

	Investor Shares	ETF Shares	Institutional Shares	Institutional Plus Shares
Ticker Symbol	VBLTX	BLV	VBLIX	VBLIX
Expense Ratio ¹	0.15%	0.07%	0.05%	0.04%
30-Day SEC Yield	3.87%	3.95%	3.97%	3.98%

Financial Attributes

	Fund	Bloomberg Barclays Long Gov/ Credit Float Adj Index	Bloomberg Barclays Aggregate Float Adj Index
Number of Bonds	2,105	2,140	9,959
Yield to Maturity (before expenses)	4.0%	4.0%	3.3%
Average Coupon	4.4%	4.4%	3.1%
Average Duration	14.9 years	14.9 years	6.1 years
Average Effective Maturity	24.1 years	24.0 years	8.4 years
Short-Term Reserves	0.3%	—	—

Sector Diversification (% of portfolio)

Finance	8.3%
Foreign	7.7
Industrial	35.6
Treasury/Agency	42.1
Utilities	6.1
Other	0.2

The agency and mortgage-backed securities sectors may include issues from government-sponsored enterprises; such issues are generally not backed by the full faith and credit of the U.S. government.

Volatility Measures

	Bloomberg Barclays Long Gov/ Credit Float Adj Index	Bloomberg Barclays Aggregate Float Adj Index
R-Squared	0.99	0.92
Beta	1.03	2.54

These measures show the degree and timing of the fund's fluctuations compared with the indexes over 36 months.

Distribution by Credit Quality (% of portfolio)

U.S. Government	42.1%
Aaa	2.2
Aa	5.6
A	22.0
Baa	28.1

Credit-quality ratings are obtained from Barclays and are from Moody's, Fitch, and S&P. When ratings from all three agencies are used, the median rating is shown. When ratings from two of the agencies are used, the lower rating for each issue is shown. "Not Rated" is used to classify securities for which a rating is not available. For more information about these ratings, see the Glossary entry for Credit Quality.

Distribution by Effective Maturity (% of portfolio)

Under 1 Year	0.1%
1 - 3 Years	0.1
5 - 10 Years	0.9
10 - 20 Years	22.9
20 - 30 Years	72.9
Over 30 Years	3.1

¹ The expense ratios shown are from the prospectus dated April 26, 2018, and represent estimated costs for the current fiscal year. For the six months ended June 30, 2018, the annualized expense ratios were 0.15% for Investor Shares, 0.07% for ETF Shares, 0.05% for Institutional Shares, and 0.04% for Institutional Plus Shares.

Investment Focus

Average Maturity		Short	Med.	Long
Credit Quality	Treasury/ Agency			
	Investment-Grade Corporate			
	Below Investment-Grade			

Performance Summary

All of the returns in this report represent past performance, which is not a guarantee of future results that may be achieved by the fund. (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.) Note, too, that both investment returns and principal value can fluctuate widely, so an investor's shares, when sold, could be worth more or less than their original cost. The returns shown do not reflect taxes that a shareholder would pay on fund distributions or on the sale of fund shares.

Fiscal-Year Total Returns (%): December 31, 2007, Through June 30, 2018

Fiscal Year	Investor Shares			Total Returns
	Income Returns	Capital Returns	Total Returns	
2008	5.81%	2.83%	8.64%	8.44%
2009	5.27	-3.51	1.76	1.92
2010	5.21	5.06	10.27	10.16
2011	5.51	16.55	22.06	22.49
2012	4.23	4.26	8.49	8.79
2013	3.76	-12.89	-9.13	-8.83
2014	4.79	14.93	19.72	19.31
2015	3.73	-7.20	-3.47	-3.31
2016	3.89	2.52	6.41	6.68
2017	4.02	6.74	10.76	10.72
2018	1.77	-6.86	-5.09	-4.98

Spliced
Bloomberg
Barclays
Long
Gov/Credit
FA Index

For a benchmark description, see the Glossary.

Note: For 2018, performance data reflect the six months ended June 30, 2018.

Average Annual Total Returns: Periods Ended June 30, 2018

	Inception Date	One Year	Five Years	Ten Years		
				Income	Capital	Total
Investor Shares	3/1/1994	-1.08%	4.95%	4.50%	2.14%	6.64%
ETF Shares	4/3/2007					
Market Price		-1.16	5.02			6.69
Net Asset Value		-1.00	5.05			6.73
Institutional Shares	2/2/2006	-0.98	5.07	4.63	2.14	6.77
Institutional Plus Shares	10/6/2011	-0.97	5.08	4.16 ¹	0.18 ¹	4.34 ¹

¹ Return since inception.

See Financial Highlights for dividend and capital gains information.

Financial Statements (unaudited)

Statement of Net Assets—Investments Summary

As of June 30, 2018

This Statement summarizes the fund's holdings by asset type. Details are reported for each of the fund's 50 largest individual holdings and for investments that, in total for any issuer, represent more than 1% of the fund's net assets. The total value of smaller holdings is reported as a single amount within each category.

The fund reports a complete list of its holdings in regulatory filings four times in each fiscal year, at the quarter-ends. For the second and fourth fiscal quarters, the complete listing of the fund's holdings is available electronically on vanguard.com and on the Securities and Exchange Commission's website (sec.gov), or you can have it mailed to you without charge by calling 800-662-7447. For the first and third fiscal quarters, the fund files the lists with the SEC on Form N-Q. Shareholders can look up the fund's Forms N-Q on the SEC's website. Forms N-Q may also be reviewed and copied at the SEC's Public Reference Room (see the back cover of this report for further information).

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
U.S. Government and Agency Obligations					
U.S. Government Securities					
United States Treasury Note/Bond	2.875%	5/15/43	170,855	167,598	1.6%
United States Treasury Note/Bond	3.625%	2/15/44	142,444	158,691	1.5%
United States Treasury Note/Bond	3.750%	11/15/43	136,310	154,776	1.5%
United States Treasury Note/Bond	3.125%	5/15/48	143,256	147,107	1.4%
United States Treasury Note/Bond	3.375%	5/15/44	136,587	146,148	1.4%
United States Treasury Note/Bond	3.000%	5/15/45	144,455	144,816	1.4%
United States Treasury Note/Bond	3.000%	11/15/44	143,056	143,414	1.4%
United States Treasury Note/Bond	2.875%	11/15/46	144,764	141,575	1.3%
United States Treasury Note/Bond	3.000%	2/15/48	138,042	138,344	1.3%
United States Treasury Note/Bond	2.750%	8/15/47	139,746	133,195	1.3%
United States Treasury Note/Bond	3.000%	2/15/47	132,644	132,954	1.3%
United States Treasury Note/Bond	2.750%	11/15/47	138,511	132,017	1.2%
United States Treasury Note/Bond	2.875%	8/15/45	132,712	129,892	1.2%
United States Treasury Note/Bond	2.500%	5/15/46	142,466	129,265	1.2%

Long-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
United States Treasury Note/Bond	3.625%	8/15/43	111,000	123,505	1.2%
United States Treasury Note/Bond	3.125%	8/15/44	118,838	121,809	1.1%
United States Treasury Note/Bond	2.250%	8/15/46	136,279	117,178	1.1%
United States Treasury Note/Bond	2.500%	2/15/46	128,432	116,592	1.1%
United States Treasury Note/Bond	2.500%	2/15/45	114,792	104,496	1.0%
United States Treasury Note/Bond	2.750%	11/15/42	105,618	101,393	1.0%
United States Treasury Note/Bond	3.125%	2/15/43	98,660	101,096	0.9%
United States Treasury Note/Bond	3.000%	11/15/45	89,750	89,960	0.8%
United States Treasury Note/Bond	3.000%	5/15/47	83,746	83,903	0.8%
United States Treasury Note/Bond	4.750%	2/15/41	62,480	80,873	0.8%
United States Treasury Note/Bond	3.000%	5/15/42	79,000	79,346	0.7%
United States Treasury Note/Bond	4.375%	5/15/40	62,098	76,303	0.7%
United States Treasury Note/Bond	2.750%	8/15/42	75,033	72,090	0.7%
United States Treasury Note/Bond	4.625%	2/15/40	51,261	64,982	0.6%
United States Treasury Note/Bond	4.375%	11/15/39	51,255	62,876	0.6%
United States Treasury Note/Bond	4.250%	11/15/40	51,900	62,856	0.6%
United States Treasury Note/Bond	3.750%	8/15/41	54,075	61,122	0.6%
United States Treasury Note/Bond	3.125%	2/15/42	58,902	60,411	0.6%
United States Treasury Note/Bond	6.250%	5/15/30	44,840	59,973	0.6%
United States Treasury Note/Bond	3.875%	8/15/40	51,315	58,964	0.6%
United States Treasury Note/Bond	4.375%	5/15/41	47,545	58,644	0.5%
United States Treasury Note/Bond	4.500%	2/15/36	44,655	54,549	0.5%
United States Treasury Note/Bond	4.500%	8/15/39	43,381	54,017	0.5%
United States Treasury Note/Bond	3.125%	11/15/41	49,577	50,863	0.5%
United States Treasury Note/Bond	3.500%	2/15/39	46,192	50,241	0.5%
United States Treasury Note/Bond	4.250%	5/15/39	34,662	41,756	0.4%
United States Treasury Note/Bond	4.500%	5/15/38	31,490	38,984	0.4%

Long-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
United States Treasury Note/Bond	4.375%	2/15/38	30,498	37,126	0.3%
United States Treasury Note/Bond	5.375%	2/15/31	27,805	35,112	0.3%
United States Treasury Note/Bond	5.000%	5/15/37	26,854	35,028	0.3%
United States Treasury Note/Bond	2.750%–6.125%	2/15/28–2/15/37	91,766	106,098	1.0%
				4,261,938	40.3%
Agency Bonds and Notes					
¹ Federal Home Loan Mortgage Corp.	6.250%	7/15/32	19,412	26,021	0.2%
Agency Bonds and Notes—Other †				154,525	1.5%
				180,546	1.7%
Total U.S. Government and Agency Obligations (Cost \$4,408,628)				4,442,484	42.0%
Corporate Bonds					
Finance					
² Banking †				463,098	4.4%
Brokerage †				21,111	0.2%
Finance Companies					
GE Capital International Funding Co. Unlimited Co.	4.418%	11/15/35	38,116	36,932	0.4%
Finance Companies—Other †				2,144	0.0%
Insurance					
Berkshire Hathaway Finance Corp.	4.300%–5.750%	1/15/40–5/15/43	6,847	7,575	0.1%
Berkshire Hathaway Inc.	4.500%	2/11/43	3,675	3,775	0.0%
² Insurance—Other †				290,948	2.7%
Real Estate Investment Trusts †					
				39,894	0.4%
				865,477	8.2%
Industrial					
Basic Industry					
Lubrizol Corp.	6.500%	10/1/34	825	1,087	0.0%
Basic Industry—Other †				221,901	2.1%
Capital Goods					
Precision Castparts Corp.	3.900%–4.375%	1/15/43–6/15/45	3,080	3,093	0.0%
Capital Goods—Other †				264,090	2.5%
Communication					
² AT&T Inc.	4.300%–8.250%	2/15/30–8/15/58	153,632	143,598	1.4%
Time Warner Inc.	3.800%–5.375%	2/15/27–6/1/44	17,835	16,507	0.2%
² Verizon Communications Inc.	3.850%–5.500%	9/21/28–3/15/55	164,635	155,396	1.5%
Warner Media LLC	7.625%	4/15/31	3,000	3,751	0.0%
Communication—Other †				417,043	3.9%
Consumer Cyclical †				319,693	3.0%

Long-Term Bond Index Fund

	Coupon	Maturity Date	Face Amount (\$000)	Market Value* (\$000)	Percentage of Net Assets
Consumer Noncyclical					
Anheuser-Busch InBev Finance Inc.					
	4.900%	2/1/46	41,919	43,135	0.4%
CVS Health Corp.					
	5.050%	3/25/48	28,900	29,262	0.3%
² Consumer Noncyclical—Other †				870,843	8.2%
² Energy †				603,424	5.7%
Other Industrial †				27,090	0.3%
Technology					
Microsoft Corp.					
	3.450%–5.300%	2/12/35–2/6/57	106,000	108,487	1.1%
² Technology—Other †				255,845	2.4%
Transportation					
Burlington Northern Santa Fe LLC					
	3.900%–6.200%	8/15/36–6/15/48	39,977	42,464	0.4%
Transportation—Other †				152,027	1.4%
				3,678,736	34.8%
Utilities					
Electric					
Berkshire Hathaway Energy Co.					
	3.800%–6.125%	4/1/36–7/15/48	15,776	17,850	0.2%
MidAmerican Energy Co.					
	3.650%–6.750%	12/30/31–8/1/48	11,299	12,071	0.1%
Nevada Power Co.					
	6.650%–6.750%	4/1/36–7/1/37	2,045	2,662	0.0%
PacifiCorp					
	4.100%–7.700%	11/15/31–2/1/42	12,004	14,777	0.2%
Electric—Other †				530,978	5.0%
Natural Gas †				48,996	0.5%
Other Utility †				12,416	0.1%
				639,750	6.1%
Total Corporate Bonds (Cost \$5,220,409)				5,183,963	49.1%
Sovereign Bonds					
² Petroleos Mexicanos					
	5.500%–6.750%	6/15/35–2/12/48	73,085	67,777	0.6%
United Mexican States					
	4.750%	3/8/44	30,856	28,897	0.3%
United Mexican States					
	4.350%–7.500%	4/8/33–10/12/10	51,174	53,777	0.5%
² Sovereign Bonds—Other †				280,067	2.7%
Total Sovereign Bonds (Cost \$440,857)				430,518	4.1%
Taxable Municipal Bonds					
Illinois GO					
	5.100%	6/1/33	25,940	24,549	0.2%
Taxable Municipal Bonds—Other †					
				377,288	3.6%
Total Taxable Municipal Bonds (Cost \$354,476)				401,837	3.8%
Shares					
Temporary Cash Investment					
Money Market Fund					
³ Vanguard Market Liquidity Fund (Cost \$36,464)					
	2.122%		364,617	36,465	0.4%
Total Investments (Cost \$10,460,834)				10,495,267	99.4%

Long-Term Bond Index Fund

	Amount (\$000)	Percentage of Net Assets
Other Assets and Liabilities		
Other Assets		
Investment in Vanguard	553	
Receivables for Investment Securities Sold	68,244	
Receivables for Accrued Income	112,074	
Receivables for Capital Shares Issued	3,590	
Other Assets	173	
Total Other Assets	184,634	1.7%
Liabilities		
Payables for Investment Securities Purchased	(101,210)	
Payables for Capital Shares Redeemed	(11,497)	
Payables for Distributions	(2,022)	
Payables to Vanguard	(3,967)	
Total Liabilities	(118,696)	(1.1%)
Net Assets	10,561,205	100.0%

At June 30, 2018, net assets consisted of:

	Amount (\$000)
Paid-in Capital	10,544,880
Undistributed Net Investment Income	7,172
Accumulated Net Realized Losses	(25,280)
Unrealized Appreciation (Depreciation)	34,433
Net Assets	10,561,205

Investor Shares—Net Assets

Applicable to 210,163,201 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	2,819,020
Net Asset Value Per Share—Investor Shares	\$13.41

ETF Shares—Net Assets

Applicable to 24,600,000 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	2,178,230
Net Asset Value Per Share—ETF Shares	\$88.55

Institutional Shares—Net Assets

Applicable to 178,825,772 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	2,398,683
Net Asset Value Per Share—Institutional Shares	\$13.41

	Amount (\$000)
Institutional Plus Shares—Net Assets	
Applicable to 235,976,156 outstanding \$.001 par value shares of beneficial interest (unlimited authorization)	3,165,272
Net Asset Value Per Share—Institutional Plus Shares	\$13.41

- See Note A in Notes to Financial Statements.
 - † Represents the aggregate value, by category, of securities that are not among the 50 largest holdings and, in total for any issuer, represent 1% or less of net assets.
 - 1 The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.
 - 2 Certain of the fund's securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At June 30, 2018, the aggregate value of these securities was \$98,054,000, representing 0.9% of net assets.
 - 3 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.
- GO—General Obligation Bond.

Statement of Operations

Six Months Ended
June 30, 2018

	(\$000)
Investment Income	
Income	
Interest ¹	205,754
Total Income	205,754
Expenses	
The Vanguard Group—Note B	
Investment Advisory Services	152
Management and Administrative—Investor Shares	1,820
Management and Administrative—ETF Shares	577
Management and Administrative—Institutional Shares	517
Management and Administrative—Institutional Plus Shares	529
Marketing and Distribution—Investor Shares	256
Marketing and Distribution—ETF Shares	65
Marketing and Distribution—Institutional Shares	27
Marketing and Distribution—Institutional Plus Shares	17
Custodian Fees	16
Shareholders' Reports—Investor Shares	25
Shareholders' Reports—ETF Shares	99
Shareholders' Reports—Institutional Shares	1
Shareholders' Reports—Institutional Plus Shares	7
Trustees' Fees and Expenses	4
Total Expenses	4,112
Net Investment Income	201,642
Realized Net Gain (Loss)	
Investment Securities Sold ¹	(9,191)
Futures Contracts	206
Realized Net Gain (Loss)	(8,985)
Change in Unrealized Appreciation (Depreciation) of Investment Securities¹	(760,790)
Net Increase (Decrease) in Net Assets Resulting from Operations	(568,133)

¹ Interest income, realized net gain (loss), and change in unrealized appreciation (depreciation) from an affiliated company of the fund were \$314,000, \$3,000, and (\$1,000), respectively. Purchases and sales are for temporary cash investment purposes.

Statement of Changes in Net Assets

	Six Months Ended June 30, 2018	Year Ended December 31, 2017
	(\$000)	(\$000)
Increase (Decrease) in Net Assets		
Operations		
Net Investment Income	201,642	388,769
Realized Net Gain (Loss)	(8,985)	64,583
Change in Unrealized Appreciation (Depreciation)	(760,790)	609,011
Net Increase (Decrease) in Net Assets Resulting from Operations	(568,133)	1,062,363
Distributions		
Net Investment Income		
Investor Shares	(54,160)	(104,672)
ETF Shares	(35,680)	(79,749)
Institutional Shares	(45,391)	(90,360)
Institutional Plus Shares	(58,822)	(114,185)
Realized Capital Gain ¹		
Investor Shares	(4,585)	—
ETF Shares	(3,499)	—
Institutional Shares	(3,680)	—
Institutional Plus Shares	(4,795)	—
Total Distributions	(210,612)	(388,966)
Capital Share Transactions		
Investor Shares	(12,400)	268,353
ETF Shares	(50,239)	583,520
Institutional Shares	22,706	183,470
Institutional Plus Shares	74,130	370,516
Net Increase (Decrease) from Capital Share Transactions	34,197	1,405,859
Total Increase (Decrease)	(744,548)	2,079,256
Net Assets		
Beginning of Period	11,305,753	9,226,497
End of Period ²	10,561,205	11,305,753

¹ Includes fiscal 2018 and 2017 short-term gain distributions totaling \$0 and \$0, respectively. Short-term gain distributions are treated as ordinary income dividends for tax purposes.

² Net Assets—End of Period includes undistributed (overdistributed) net investment income of \$7,172,000 and (\$417,000).

Financial Highlights

Investor Shares

For a Share Outstanding Throughout Each Period	Six Months Ended June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$14.42	\$13.51	\$13.20	\$14.26	\$12.41	\$14.27
Investment Operations						
Net Investment Income	.256 ¹	.519 ¹	.529	.546	.556	.557
Net Realized and Unrealized Gain (Loss) on Investments	(.988)	.910	.333	(1.025)	1.853	(1.837)
Total from Investment Operations	(.732)	1.429	.862	(.479)	2.409	(1.280)
Distributions						
Dividends from Net Investment Income	(.256)	(.519)	(.529)	(.546)	(.556)	(.557)
Distributions from Realized Capital Gains	(.022)	—	(.023)	(.035)	(.003)	(.023)
Total Distributions	(.278)	(.519)	(.552)	(.581)	(.559)	(.580)
Net Asset Value, End of Period	\$13.41	\$14.42	\$13.51	\$13.20	\$14.26	\$12.41
Total Return²	-5.09%	10.76%	6.41%	-3.47%	19.72%	-9.13%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$2,819	\$3,047	\$2,595	\$2,415	\$2,594	\$2,019
Ratio of Total Expenses to Average Net Assets	0.15%	0.15%	0.15%	0.16%	0.20%	0.20%
Ratio of Net Investment Income to Average Net Assets	3.79%	3.71%	3.72%	3.95%	4.10%	4.21%
Portfolio Turnover Rate ³	46%	41%	45%	42%	39%	50%

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

1 Calculated based on average shares outstanding.

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

3 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

ETF Shares

For a Share Outstanding Throughout Each Period	Six Months Ended June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$94.91	\$88.86	\$86.80	\$93.73	\$81.45	\$93.73
Investment Operations						
Net Investment Income	1.722 ¹	3.487 ¹	3.558	3.565	3.639	3.813
Net Realized and Unrealized Gain (Loss) on Investments	(6.511)	6.019	2.212	(6.700)	12.300	(12.129)
Total from Investment Operations	(4.789)	9.506	5.770	(3.135)	15.939	(8.316)
Distributions						
Dividends from Net Investment Income	(1.428)	(3.456)	(3.558)	(3.565)	(3.639)	(3.813)
Distributions from Realized Capital Gains	(.143)	—	(.152)	(.230)	(.020)	(.151)
Total Distributions	(1.571)	(3.456)	(3.710)	(3.795)	(3.659)	(3.964)
Net Asset Value, End of Period	\$88.55	\$94.91	\$88.86	\$86.80	\$93.73	\$81.45
Total Return	-5.06%	10.89%	6.53%	-3.45%	19.89%	-9.03%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$2,178	\$2,392	\$1,671	\$1,693	\$1,068	\$489
Ratio of Total Expenses to Average Net Assets	0.07%	0.07%	0.07%	0.09%	0.10%	0.10%
Ratio of Net Investment Income to Average Net Assets	3.87%	3.79%	3.80%	4.02%	4.20%	4.31%
Portfolio Turnover Rate ²	46%	41%	45%	42%	39%	50%

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

1 Calculated based on average shares outstanding.

2 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 June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$14.42	\$13.51	\$13.20	\$14.26	\$12.41	\$14.27
Investment Operations						
Net Investment Income	.263 ¹	.533 ¹	.544	.560	.573	.574
Net Realized and Unrealized Gain (Loss) on Investments	(.988)	.910	.333	(1.025)	1.853	(1.837)
Total from Investment Operations	(.725)	1.443	.877	(.465)	2.426	(1.263)
Distributions						
Dividends from Net Investment Income	(.263)	(.533)	(.544)	(.560)	(.573)	(.574)
Distributions from Realized Capital Gains	(.022)	—	(.023)	(.035)	(.003)	(.023)
Total Distributions	(.285)	(.533)	(.567)	(.595)	(.576)	(.597)
Net Asset Value, End of Period	\$13.41	\$14.42	\$13.51	\$13.20	\$14.26	\$12.41
Total Return	-5.05%	10.87%	6.51%	-3.37%	19.87%	-9.01%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$2,399	\$2,552	\$2,216	\$2,174	\$2,283	\$1,784
Ratio of Total Expenses to Average Net Assets	0.05%	0.05%	0.05%	0.06%	0.07%	0.07%
Ratio of Net Investment Income to Average Net Assets	3.89%	3.81%	3.82%	4.05%	4.23%	4.34%
Portfolio Turnover Rate ²	46%	41%	45%	42%	39%	50%

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

¹ Calculated based on average shares outstanding.

² 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 June 30, 2018	Year Ended December 31,				
	2018	2017	2016	2015	2014	2013
Net Asset Value, Beginning of Period	\$14.42	\$13.51	\$13.20	\$14.26	\$12.41	\$14.27
Investment Operations						
Net Investment Income	.264 ¹	.535 ¹	.545	.563	.576	.577
Net Realized and Unrealized Gain (Loss) on Investments	(.989)	.910	.333	(1.025)	1.853	(1.837)
Total from Investment Operations	(.725)	1.445	.878	(.462)	2.429	(1.260)
Distributions						
Dividends from Net Investment Income	(.263)	(.535)	(.545)	(.563)	(.576)	(.577)
Distributions from Realized Capital Gains	(.022)	—	(.023)	(.035)	(.003)	(.023)
Total Distributions	(.285)	(.535)	(.568)	(.598)	(.579)	(.600)
Net Asset Value, End of Period	\$13.41	\$14.42	\$13.51	\$13.20	\$14.26	\$12.41
Total Return	-5.04%	10.88%	6.52%	-3.35%	19.89%	-8.99%

Ratios/Supplemental Data

Net Assets, End of Period (Millions)	\$3,165	\$3,315	\$2,745	\$2,533	\$2,571	\$1,444
Ratio of Total Expenses to Average Net Assets	0.04%	0.04%	0.04%	0.04%	0.05%	0.05%
Ratio of Net Investment Income to Average Net Assets	3.90%	3.82%	3.83%	4.07%	4.25%	4.36%
Portfolio Turnover Rate ²	46%	41%	45%	42%	39%	50%

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

¹ Calculated based on average shares outstanding.

² 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 Long-Term Bond Index Fund is registered under the Investment Company Act of 1940 as an open-end investment company, or mutual fund. Certain of the fund's investments are in corporate debt instruments; the issuers' abilities to meet their obligations may be affected by economic developments in their respective industries. The fund offers four classes of shares: Investor Shares, ETF Shares, Institutional Shares, and Institutional Plus Shares. Investor Shares are available to any investor who meets the fund's minimum purchase requirements. ETF Shares are listed for trading on NYSE Arca; they can be purchased and sold through a broker. Institutional Shares and Institutional Plus Shares are designed for investors who meet certain administrative, service, and account-size criteria.

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 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 board of trustees to represent fair value.
2. **Futures Contracts:** The fund uses futures contracts to invest in fixed income asset classes with greater efficiency and lower cost than is possible through direct investment, to add value when these instruments are attractively priced, or to adjust sensitivity to changes in interest rates. The primary risks associated with the use of futures contracts are imperfect correlation between changes in market values of bonds held by the fund and the prices of futures contracts, and the possibility of an illiquid market. Counterparty risk involving futures is mitigated because a regulated clearinghouse is the counterparty instead of the clearing broker. To further mitigate counterparty risk, the fund trades futures contracts on an exchange, monitors the financial strength of its clearing brokers and clearinghouse, and has entered into clearing agreements with its clearing brokers. The clearinghouse imposes initial margin requirements to secure the fund's performance and requires daily settlement of variation margin representing changes in the market value of each contract.

Futures contracts are valued at their quoted daily settlement prices. The notional amounts of the contracts are not recorded in the Statement of Net Assets. Fluctuations in the value of the contracts are recorded in the Statement of Net Assets as an asset (liability) and in the Statement of Operations as unrealized appreciation (depreciation) until the contracts are closed, when they are recorded as realized futures gains (losses).

During the six months ended June 30, 2018, the fund's average investments in long and short futures contracts represented 0% and less than 1% of net assets, respectively, based on the average of the notional amounts at each quarter-end during the period. The fund had no open futures contracts at June 30, 2018.

3. **Federal Income Taxes:** The fund intends to continue to qualify as a regulated investment company and distribute all of its taxable income. Management has analyzed the fund's tax positions taken for all open federal income tax years (December 31, 2014–2017), and for the period ended June 30, 2018, and has concluded that no provision for federal income tax is required in the fund's financial statements.

4. **Distributions:** Distributions from net investment income are declared daily by all share classes except ETF Shares, and paid on the first business day of the following month. Monthly income dividends from ETF Shares, and annual distributions from realized capital gains, if any, are recorded on the ex-dividend date.

5. **Credit Facility:** The fund and certain other funds managed by The Vanguard Group ("Vanguard") participate in a \$3.1 billion committed credit facility provided by a syndicate of lenders pursuant to a credit agreement that may be renewed annually; each fund is individually liable for its borrowings, if any, under the credit facility. Borrowings may be utilized for temporary and emergency purposes, and are subject to the fund's regulatory and contractual borrowing restrictions. The participating funds are charged administrative fees and an annual commitment fee of 0.10% of the undrawn amount of the facility; these fees 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 this facility bear interest at a rate based upon the higher of the one-month London Interbank Offered Rate, federal funds effective rate, or overnight bank funding rate plus an agreed-upon spread.

The fund had no borrowings outstanding at June 30, 2018, or at any time during the period then ended.

6. **Other:** Interest income includes income distributions received from Vanguard Market Liquidity Fund and is accrued daily. Premiums and discounts on debt securities purchased are amortized and accreted, respectively, to interest income over the lives of the respective securities. 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.

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), shareholder reporting, and the proxy. 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. Vanguard does not require reimbursement in the current period for certain costs of operations (such as deferred compensation/benefits and risk/insurance costs); the fund's liability for these costs of operations is included in Payables to Vanguard on the Statement of Net Assets. All other costs of operations payable to Vanguard 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 June 30, 2018, the fund had contributed to Vanguard capital in the amount of \$553,000, representing 0.01% of the fund's net assets and 0.22% of Vanguard's capitalization. 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 Statement of Net Assets.

The following table summarizes the market value of the fund's investments as of June 30, 2018, based on the inputs used to value them:

Investments	Level 1 (\$000)	Level 2 (\$000)	Level 3 (\$000)
U.S. Government and Agency Obligations	—	4,442,484	—
Corporate Bonds	—	5,183,963	—
Sovereign Bonds	—	430,518	—
Taxable Municipal Bonds	—	401,837	—
Temporary Cash Investments	36,465	—	—
Total	36,465	10,458,802	—

D. Capital gain distributions are determined on a tax basis and may differ from realized capital gains for financial reporting purposes. Differences may be permanent or temporary. Permanent differences are reclassified among capital accounts in the financial statements to reflect their tax character. Temporary differences arise when gains or losses are recognized in different periods for financial statement and tax purposes. These differences will reverse at some time in the future. The fund's tax-basis capital gains and losses are determined only at the end of each fiscal year.

During the six months ended June 30, 2018, the fund realized \$16,131,000 of net capital gains resulting from in-kind redemptions—in which shareholders exchanged fund shares for securities held by the fund rather than for cash. Because such gains are not taxable to the fund, and are not distributed to shareholders, they have been reclassified from accumulated net realized losses to paid-in capital.

At June 30, 2018, the cost of investment securities for tax purposes was \$10,460,834,000. Net unrealized appreciation of investment securities for tax purposes was \$34,433,000, consisting of unrealized gains of \$292,538,000 on securities that had risen in value since their purchase and \$258,105,000 in unrealized losses on securities that had fallen in value since their purchase.

E. During the six months ended June 30, 2018, the fund purchased \$1,034,634,000 of investment securities and sold \$993,063,000 of investment securities, other than U.S. government securities and temporary cash investments. Purchases and sales of U.S. government securities were \$1,763,648,000 and \$1,735,480,000, respectively. Total purchases and sales include \$284,532,000 and \$334,678,000, respectively, in connection with in-kind purchases and redemptions of the fund's capital shares.

The fund purchased securities from and sold securities to other Vanguard funds or accounts managed by Vanguard or its affiliates, in accordance with procedures adopted by the board of trustees in compliance with Rule 17a-7 of the Investment Company Act of 1940. For the six months ended June 30, 2018, such purchases and sales were \$82,847,000 and \$580,006,000, respectively; these amounts are included in the purchases and sales of investment securities noted above.

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

	Six Months Ended June 30, 2018		Year Ended December 31, 2017	
	Amount (\$000)	Shares (000)	Amount (\$000)	Shares (000)
Investor Shares				
Issued	387,910	28,291	793,180	56,836
Issued in Lieu of Cash Distributions	51,381	3,771	91,188	6,507
Redeemed	(451,691)	(33,103)	(616,015)	(44,186)
Net Increase (Decrease)—Investor Shares	(12,400)	(1,041)	268,353	19,157
ETF Shares				
Issued	290,007	3,200	769,263	8,400
Issued in Lieu of Cash Distributions	—	—	—	—
Redeemed	(340,246)	(3,800)	(185,743)	(2,000)
Net Increase (Decrease)—ETF Shares	(50,239)	(600)	583,520	6,400
Institutional Shares				
Issued	398,356	29,222	642,331	45,827
Issued in Lieu of Cash Distributions	48,312	3,546	86,906	6,204
Redeemed	(423,962)	(30,878)	(545,767)	(39,124)
Net Increase (Decrease)—Institutional Shares	22,706	1,890	183,470	12,907
Institutional Plus Shares				
Issued	551,030	40,797	797,043	57,074
Issued in Lieu of Cash Distributions	58,079	4,263	106,191	7,579
Redeemed	(534,979)	(38,932)	(532,718)	(37,998)
Net Increase (Decrease)—Institutional Plus Shares	74,130	6,128	370,516	26,655

G. Management has determined that no events or transactions occurred subsequent to June 30, 2018, that would require recognition or disclosure in these financial statements.

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 June 30, 2018

	Beginning Account Value 12/31/2017	Ending Account Value 6/30/2018	Expenses Paid During Period
Based on Actual Fund Return			
Short-Term Bond Index Fund			
Investor Shares	\$1,000.00	\$996.42	\$0.74
ETF Shares	1,000.00	996.44	0.35
Admiral Shares	1,000.00	996.81	0.35
Institutional Shares	1,000.00	996.91	0.25
Institutional Plus Shares	1,000.00	996.96	0.20
Intermediate-Term Bond Index Fund			
Investor Shares	\$1,000.00	\$977.00	\$0.74
ETF Shares	1,000.00	977.67	0.34
Admiral Shares	1,000.00	977.39	0.34
Institutional Shares	1,000.00	977.48	0.25
Institutional Plus Shares	1,000.00	977.53	0.20
Long-Term Bond Index Fund			
Investor Shares	\$1,000.00	\$949.06	\$0.72
ETF Shares	1,000.00	949.44	0.34
Institutional Shares	1,000.00	949.53	0.24
Institutional Plus Shares	1,000.00	949.58	0.19

Six Months Ended June 30, 2018

	Beginning Account Value 12/31/2017	Ending Account Value 6/30/2018	Expenses Paid During Period
Based on Hypothetical 5% Yearly Return			
Short-Term Bond Index Fund			
Investor Shares	\$1,000.00	\$1,024.05	\$0.75
ETF Shares	1,000.00	1,024.45	0.35
Admiral Shares	1,000.00	1,024.45	0.35
Institutional Shares	1,000.00	1,024.55	0.25
Institutional Plus Shares	1,000.00	1,024.60	0.20
Intermediate-Term Bond Index Fund			
Investor Shares	\$1,000.00	\$1,024.05	\$0.75
ETF Shares	1,000.00	1,024.45	0.35
Admiral Shares	1,000.00	1,024.45	0.35
Institutional Shares	1,000.00	1,024.55	0.25
Institutional Plus Shares	1,000.00	1,024.60	0.20
Long-Term Bond Index Fund			
Investor Shares	\$1,000.00	\$1,024.05	\$0.75
ETF Shares	1,000.00	1,024.45	0.35
Institutional Shares	1,000.00	1,024.55	0.25
Institutional Plus Shares	1,000.00	1,024.60	0.20

The calculations are based on expenses incurred in the most recent six-month period. The funds' annualized six-month expense ratios for that period are: for the Short-Term Bond Index Fund, 0.15% for Investor Shares, 0.07% for ETF Shares, 0.07% for Admiral Shares, 0.05% for Institutional Shares, and 0.04% for Institutional Plus Shares; for the Intermediate-Term Bond Index Fund, 0.15% for Investor Shares, 0.07% for ETF Shares, 0.07% for Admiral Shares, 0.05% for Institutional Shares, and 0.04% for Institutional Plus Shares; and for the Long-Term Bond Index Fund, 0.15% for Investor Shares, 0.07% for ETF Shares, 0.05% 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 (181/365).

Trustees Approve Advisory Arrangements

The board of trustees of Vanguard Short-Term Bond Index Fund, Vanguard Intermediate-Term Bond Index Fund, and Vanguard Long-Term Bond Index Fund has renewed each fund's investment advisory arrangement with The Vanguard Group, Inc. (Vanguard), through its Fixed Income Group. The board determined that continuing each fund's internalized management structure was in the best interests of the fund and its shareholders.

The board based its decision upon an evaluation of the advisor's investment staff, portfolio management process, and performance. This evaluation included information provided to the board by Vanguard's Portfolio Review Department, which is responsible for fund and advisor oversight and product management. The Portfolio Review Department met regularly with the advisor and made monthly presentations to the board during the fiscal year that directed the board's focus to relevant information and topics.

The board, or an investment committee made up of board members, also received information throughout the year during advisor presentations. For each advisor presentation, the board was provided with letters and reports that included information about, among other things, the advisory firm and the advisor's assessment of the investment environment, portfolio performance, and portfolio characteristics.

In addition, the board received monthly reports, which included a Market and Economic Report, a Fund Dashboard Monthly Summary, and a Fund Performance Report.

Prior to their meeting, the trustees were provided with a memo and materials that summarized the information they received over the course of the year. They also considered the factors discussed below, among others. However, no single factor determined whether the board approved the arrangements. Rather, it was the totality of the circumstances that drove the board's decision.

Nature, extent, and quality of services

The board reviewed the quality of each fund's investment management services over both the short and long term and took into account the organizational depth and stability of the advisor. The board considered that Vanguard has been managing investments for more than four decades. The Fixed Income Group adheres to a sound, disciplined investment management process; the team has considerable experience, stability, and depth.

The board concluded that Vanguard's experience, stability, depth, and performance, among other factors, warranted continuation of each advisory arrangement.

Investment performance

The board considered the short- and long-term performance of each fund, including any periods of outperformance or underperformance compared with its target index and peer group. The board concluded that the performance was such that each advisory arrangement should continue. Information about each fund's most recent performance can be found on the Performance Summary pages of this report.

Cost

The board concluded that each fund's expense ratio was well below the average expense ratio charged by funds in its peer group and that each fund's advisory expenses were also well below the peer-group average. Information about the funds' expenses appears in the About Your Fund's Expenses section of this report as well as in the Financial Statements sections.

The board does not conduct a profitability analysis of Vanguard because of Vanguard's unique "at-cost" structure. Unlike most other mutual fund management companies, Vanguard is owned by the funds it oversees and produces "profits" only in the form of reduced expenses for fund shareholders.

The benefit of economies of scale

The board concluded that the funds' at-cost arrangements with Vanguard ensure that the funds will realize economies of scale as they grow, with the cost to shareholders declining as fund assets increase.

The board will consider whether to renew the advisory arrangements again after a one-year period.

Glossary

30-Day SEC Yield. A fund's 30-day SEC yield is derived using a formula specified by the U.S. Securities and Exchange Commission. Under the formula, data related to the fund's security holdings in the previous 30 days are used to calculate the fund's hypothetical net income for that period, which is then annualized and divided by the fund's estimated average net assets over the calculation period. For the purposes of this calculation, a security's income is based on its current market yield to maturity (for bonds), its actual income (for asset-backed securities), or its projected dividend yield (for stocks). Because the SEC yield represents hypothetical annualized income, it will differ—at times significantly—from the fund's actual experience. As a result, the fund's income distributions may be higher or lower than implied by the SEC yield.

Average Coupon. The average interest rate paid on the fixed income securities held by a fund. It is expressed as a percentage of face value.

Average Duration. An estimate of how much the value of the bonds held by a fund will fluctuate in response to a change in interest rates. To see how the value could change, multiply the average duration by the change in rates. If interest rates rise by 1 percentage point, the value of the bonds in a fund with an average duration of five years would decline by about 5%. If rates decrease by a percentage point, the value would rise by 5%.

Average Effective Maturity. The average length of time until fixed income securities held by a fund reach maturity and are repaid, taking into consideration the possibility that the issuer may call the bond before its maturity date. The figure reflects the proportion of fund assets represented by each security; it also reflects any futures contracts held. In general, the longer the average effective maturity, the more a fund's share price will fluctuate in response to changes in market interest rates.

Beta. A measure of the magnitude of a fund's past share-price fluctuations in relation to the ups and downs of a given market index. The index is assigned a beta of 1.00. Compared with a given index, a fund with a beta of 1.20 typically would have seen its share price rise or fall by 12% when the index rose or fell by 10%. For this report, beta is based on returns over the past 36 months for both the fund and the index. Note that a fund's beta should be reviewed in conjunction with its R-squared (see definition). The lower the R-squared, the less correlation there is between the fund and the index, and the less reliable beta is as an indicator of volatility.

Credit Quality. Credit-quality ratings are measured on a scale that generally ranges from AAA (highest) to D (lowest). U.S. Treasury, U.S. Agency, and U.S. Agency mortgage-backed securities appear under "U.S. Government." Credit-quality ratings are obtained from Barclays and are from Moody's, Fitch, and S&P. When ratings from all three agencies are used, the median rating is shown. When ratings from two of the agencies are used, the lower rating for each issue is shown. "Not Rated" is used to classify securities for which a rating is not available.

Expense Ratio. A fund's total annual operating expenses expressed as a percentage of the fund's average net assets. The expense ratio includes management and administrative expenses, but does not include the transaction costs of buying and selling portfolio securities.

Inception Date. The date on which the assets of a fund (or one of its share classes) are first invested in accordance with the fund's investment objective. For funds with a subscription period, the inception date is the day after that period ends. Investment performance is measured from the inception date.

R-Squared. A measure of how much of a fund's past returns can be explained by the returns from the market in general, as measured by a given index. If a fund's total returns were precisely synchronized with an index's returns, its R-squared would be 1.00. If the fund's returns bore no relationship to the index's returns, its R-squared would be 0. For this report, R-squared is based on returns over the past 36 months for both the fund and the index.

Short-Term Reserves. The percentage of a fund invested in highly liquid, short-term securities that can be readily converted to cash.

Yield to Maturity. The rate of return an investor would receive if the fixed income securities held by a fund were held to their maturity dates.

Benchmark Information

Spliced Bloomberg Barclays U.S. 1–5 Year Government/Credit Float Adjusted Index:

Bloomberg Barclays U.S. 1–5 Year Government/Credit Bond Index through December 31, 2009; Bloomberg Barclays U.S. 1–5 Year Government/Credit Float Adjusted Index thereafter.

Spliced Bloomberg Barclays U.S. 5–10 Year Government/Credit Float Adjusted Index:

Bloomberg Barclays U.S. 5–10 Year Government/Credit Bond Index through December 31, 2009; Bloomberg Barclays U.S. 5–10 Year Government/Credit Float Adjusted Index thereafter.

Spliced Bloomberg Barclays U.S. Long Government/Credit Float Adjusted Index: Bloomberg Barclays U.S. Long Government/Credit Bond Index through December 31, 2009; Bloomberg Barclays U.S. Long Government/Credit Float Adjusted Index thereafter.

BLOOMBERG is a trademark and service mark of Bloomberg Finance L.P. BARCLAYS is a trademark and service mark of Barclays Bank Plc, used under license. Bloomberg Finance L.P. and its affiliates, including Bloomberg Index Services Limited (BISL) (collectively, Bloomberg), or Bloomberg's licensors, own all proprietary rights in the Bloomberg Barclays U.S. 1–5 Year Government/Credit Float Adjusted Index, the Bloomberg Barclays U.S. 5–10 Year Government/Credit Float Adjusted Index, and the Bloomberg Barclays U.S. Long Government/Credit Float Adjusted Index (the Indices or Bloomberg Barclays Indices).

Neither Barclays Bank Plc, Barclays Capital Inc., or any affiliate (collectively Barclays) or Bloomberg is the issuer or producer of the Bond Index Funds and neither Bloomberg nor Barclays has any responsibilities, obligations or duties to investors in the Bond Index Funds. The Indices are licensed for use by The Vanguard Group, Inc. (Vanguard) as the sponsor of the Bond Index Funds. Bloomberg and Barclays' only relationship with Vanguard in respect of the Indices is the licensing of the Indices, which are determined, composed and calculated by BISL, or any successor thereto, without regard to the Issuer or the Bond Index Funds or the owners of the Bond Index Funds.

Additionally, Vanguard may for itself execute transaction(s) with Barclays in or relating to the Indices in connection with the Bond Index Funds. Investors acquire the Bond Index Funds from Vanguard and investors neither acquire any interest in the Indices nor enter into any relationship of any kind whatsoever with Bloomberg or Barclays upon making an investment in the Bond Index Funds. The Bond Index Funds are not sponsored, endorsed, sold or promoted by Bloomberg or Barclays. Neither Bloomberg nor Barclays makes any representation or warranty, express or implied regarding the advisability of investing in the Bond Index Funds or the advisability of investing in securities generally or the ability of the Indices to track corresponding or relative market performance. Neither Bloomberg nor Barclays has passed on the legality or suitability of the Bond Index Funds with respect to any person or entity. Neither Bloomberg nor Barclays is responsible for and has not participated in the determination of the timing of, prices at, or quantities of the Bond Index Funds to be issued. Neither Bloomberg nor Barclays has any obligation to take the needs of the Issuer or the owners of the Bond Index Funds or any other third party into consideration in determining, composing or calculating the Indices. Neither Bloomberg nor Barclays has any obligation or liability in connection with administration, marketing or trading of the Bond Index Funds.

The licensing agreement between Bloomberg and Barclays is solely for the benefit of Bloomberg and Barclays and not for the benefit of the owners of the Bond Index Funds, investors or other third parties. In addition, the licensing agreement between Vanguard and Bloomberg is solely for the benefit of Vanguard and Bloomberg and not for the benefit of the owners of the Bond Index Funds, investors or other third parties.

NEITHER BLOOMBERG NOR BARCLAYS SHALL HAVE ANY LIABILITY TO THE ISSUER, INVESTORS OR TO OTHER THIRD PARTIES FOR THE QUALITY, ACCURACY AND/OR COMPLETENESS OF THE BLOOMBERG BARCLAYS INDICES OR ANY DATA INCLUDED THEREIN OR FOR INTERRUPTIONS IN THE DELIVERY OF THE BLOOMBERG BARCLAYS INDICES. NEITHER BLOOMBERG NOR BARCLAYS MAKES ANY WARRANTY, EXPRESS OR IMPLIED, AS TO RESULTS TO BE OBTAINED BY THE ISSUER, THE INVESTORS OR ANY OTHER PERSON OR ENTITY FROM THE USE OF THE BLOOMBERG BARCLAYS INDICES OR ANY DATA INCLUDED THEREIN. NEITHER BLOOMBERG NOR BARCLAYS MAKES ANY EXPRESS OR IMPLIED WARRANTIES, AND EACH HEREBY EXPRESSLY DISCLAIMS ALL WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR USE WITH RESPECT TO THE BLOOMBERG BARCLAYS INDICES OR ANY DATA INCLUDED THEREIN. BLOOMBERG RESERVES THE RIGHT TO CHANGE THE METHODS OF CALCULATION OR PUBLICATION, OR TO CEASE THE CALCULATION OR PUBLICATION OF THE BLOOMBERG BARCLAYS INDICES, AND NEITHER BLOOMBERG NOR BARCLAYS SHALL BE LIABLE FOR ANY MISCALCULATION OF OR ANY INCORRECT, DELAYED OR INTERRUPTED PUBLICATION WITH RESPECT TO THE BLOOMBERG BARCLAYS INDICES. NEITHER BLOOMBERG NOR BARCLAYS SHALL BE LIABLE FOR ANY DAMAGES, INCLUDING, WITHOUT LIMITATION, ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY LOST PROFITS AND EVEN IF ADVISED OF THE POSSIBILITY OF SUCH, RESULTING FROM THE USE OF THE BLOOMBERG BARCLAYS INDICES OR ANY DATA INCLUDED THEREIN OR WITH RESPECT TO THE BOND INDEX FUNDS.

None of the information supplied by Bloomberg or Barclays and used in this publication may be reproduced in any manner without the prior written permission of both Bloomberg and Barclays Capital, the investment banking division of Barclays Bank Plc. Barclays Bank Plc is registered in England No. 1026167. Registered office 1 Churchill Place London E14 5HP.

© 2018 Bloomberg. Used with Permission.

Source: Bloomberg Index Services Limited. Copyright 2018, Bloomberg. All rights reserved.

The People Who Govern Your Fund

The trustees of your mutual fund are there to see that the fund is operated and managed in your best interests since, as a shareholder, you are a part owner of the fund. Your fund's trustees also serve on the board of directors of The Vanguard Group, Inc., which is owned by the Vanguard funds and provides services to them on an at-cost basis.

A majority of Vanguard's board members are independent, meaning that they have no affiliation with Vanguard or the funds they oversee, apart from the sizable personal investments they have made as private individuals. The independent board members have distinguished backgrounds in business, academia, and public service. Each of the trustees and executive officers oversees 208 Vanguard funds.

Information for each trustee and executive officer of the fund appears below. The mailing address of the trustees and officers is P.O. Box 876, Valley Forge, PA 19482. More information about the trustees is in the *Statement of Additional Information*, which can be obtained, without charge, by contacting Vanguard at 800-662-7447, or online at vanguard.com.

Interested Trustees¹

F. William McNabb III

Born in 1957. Trustee since July 2009. Principal occupation(s) during the past five years and other experience: chairman of the board (January 2010–present) of Vanguard and of each of the investment companies served by Vanguard, trustee (2009–present) of each of the investment companies served by Vanguard, and director (2008–present) of Vanguard. Chief executive officer and president (2008–2017) of Vanguard and each of the investment companies served by Vanguard, managing director (1995–2008) of Vanguard, and director (1997–2018) of Vanguard Marketing Corporation. Director (2018–present) of UnitedHealth Group.

Mortimer J. Buckley

Born in 1969. Trustee since January 2018. Principal occupation(s) during the past five years and other experience: chief executive officer (January 2018–present) of Vanguard; chief executive officer, president, and trustee (January 2018–present) of each of the investment companies served by Vanguard; president and director (2017–present) of Vanguard; and president (February 2018–present) of Vanguard Marketing Corporation. Chief investment officer (2013–2017), managing director (2002–2017), head of the Retail Investor Group (2006–2012), and chief information officer (2001–2006) of Vanguard. Chairman of the board (2011–2017) of the Children's Hospital of Philadelphia.

Independent Trustees

Emerson U. Fullwood

Born in 1948. Trustee since January 2008. Principal occupation(s) during the past five years and other experience: executive chief staff and marketing officer for North America and corporate vice president (retired 2008) of Xerox Corporation (document management products and services). Former president of the Worldwide Channels Group, Latin America, and Worldwide Customer Service and executive chief staff officer of Developing Markets of Xerox. Executive in residence and 2009–2010 Distinguished Minett Professor at the Rochester Institute of Technology. Lead director of SPX FLOW, Inc. (multi-industry manufacturing). Director of the University of Rochester Medical Center, the Monroe Community College Foundation, the United Way of Rochester, North Carolina A&T University, and Roberts Wesleyan College. Trustee of the University of Rochester.

Amy Gutmann

Born in 1949. Trustee since June 2006. Principal occupation(s) during the past five years and other experience: president (2004–present) of the University of Pennsylvania. Christopher H. Browne Distinguished Professor of Political Science, School of Arts and Sciences, and professor of communication, Annenberg School for Communication, with secondary faculty appointments in the Department of Philosophy, School of Arts and Sciences, and at the Graduate School of Education, University of Pennsylvania. Trustee of the National Constitution Center.

¹ Mr. McNabb and Mr. Buckley are considered "interested persons," as defined in the Investment Company Act of 1940, because they are officers of the Vanguard funds.

JoAnn Heffernan Heisen

Born in 1950. Trustee since July 1998. Principal occupation(s) during the past five years and other experience: corporate vice president of Johnson & Johnson (pharmaceuticals/medical devices/consumer products) and member of its executive committee (1997–2008). Chief global diversity officer (retired 2008), vice president and chief information officer (1997–2006), controller (1995–1997), treasurer (1991–1995), and assistant treasurer (1989–1991) of Johnson & Johnson. Director of Skytop Lodge Corporation (hotels) and the Robert Wood Johnson Foundation. Member of the advisory board of the Institute for Women's Leadership at Rutgers University.

F. Joseph Loughrey

Born in 1949. Trustee since October 2009. Principal occupation(s) during the past five years and other experience: president and chief operating officer (retired 2009) and vice chairman of the board (2008–2009) of Cummins Inc. (industrial machinery). Chairman of the board of Hillenbrand, Inc. (specialized consumer services), Oxfam America, and the Lumina Foundation for Education. Director of the V Foundation for Cancer Research. Member of the advisory council for the College of Arts and Letters and chair of the advisory board to the Kellogg Institute for International Studies, both at the University of Notre Dame.

Mark Loughridge

Born in 1953. Trustee since March 2012. Principal occupation(s) during the past five years and other experience: senior vice president and chief financial officer (retired 2013) of IBM (information technology services). Fiduciary member of IBM's Retirement Plan Committee (2004–2013), senior vice president and general manager (2002–2004) of IBM Global Financing, vice president and controller (1998–2002) of IBM, and a variety of other prior management roles at IBM. Member of the Council on Chicago Booth.

Scott C. Malpass

Born in 1962. Trustee since March 2012. Principal occupation(s) during the past five years and other experience: chief investment officer (1989–present) and vice president (1996–present) of the University of Notre Dame. Assistant professor of finance at the Mendoza College of Business, University of Notre Dame, and member of the Notre Dame 403(b) Investment Committee. Chairman of the board of TIFF Advisory Services, Inc. Member of the board of Catholic Investment Services, Inc. (investment advisors), the board of advisors for Spruceview Capital Partners, and the board of superintendence of the Institute for the Works of Religion.

Deanna Mulligan

Born in 1963. Trustee since January 2018. Principal occupation(s) during the past five years and other experience: president (2010–present) and chief executive officer (2011–present) of The Guardian Life Insurance Company of America. Chief operating officer (2010–2011) and executive vice president (2008–2010) of Individual Life and Disability of The Guardian Life Insurance Company of America. Member of the board of The Guardian Life Insurance Company of America, the American Council of Life Insurers, the Partnership for New York City (business leadership), and the Committee Encouraging Corporate Philanthropy. Trustee of the Economic Club of New York and the Bruce Museum (arts and science). Member of the Advisory Council for the Stanford Graduate School of Business.

André F. Perold

Born in 1952. Trustee since December 2004. Principal occupation(s) during the past five years and other experience: George Gund Professor of Finance and Banking, Emeritus at the Harvard Business School (retired 2011). Chief investment officer and co-managing partner of HighVista Strategies LLC (private investment firm). Overseer of the Museum of Fine Arts Boston.

Sarah Bloom Raskin

Born in 1961. Trustee since January 2018. Principal occupation(s) during the past five years and other experience: deputy secretary (2014–2017) of the United States Department of the Treasury. Governor (2010–2014) of the Federal Reserve Board. Commissioner (2007–2010) of financial regulation for the State of Maryland. Member of the board of directors (2012–2014) of Neighborhood Reinvestment Corporation. Director of i(x) Investments, LLC.

Peter F. Volanakis

Born in 1955. Trustee since July 2009. Principal occupation(s) during the past five years and other experience: president and chief operating officer (retired 2010) of Corning Incorporated (communications equipment) and director of Corning Incorporated (2000–2010) and Dow Corning (2001–2010). Director (2012) of SPX Corporation (multi-industry manufacturing). Overseer of the Amos Tuck School of Business Administration, Dartmouth College (2001–2013). Chairman of the board of trustees of Colby-Sawyer College. Member of the Board of Hypertherm Inc. (industrial cutting systems, software, and consumables).

Executive Officers

Glenn Booraem

Born in 1967. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Investment stewardship officer (2017–present), treasurer (2015–2017), controller (2010–2015), and assistant controller (2001–2010) of each of the investment companies served by Vanguard.

Christine M. Buchanan

Born in 1970. Principal occupation(s) during the past five years and other experience: principal of Vanguard and global head of Fund Administration at Vanguard. Treasurer (2017–present) of each of the investment companies served by Vanguard. Partner (2005–2017) at KPMG LLP (audit, tax, and advisory services).

Brian Dvorak

Born in 1973. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Chief compliance officer (2017–present) of Vanguard and each of the investment companies served by Vanguard. Assistant vice president (2017–present) of Vanguard Marketing Corporation. Vice president and director of Enterprise Risk Management (2011–2013) at Oppenheimer Funds, Inc.

Thomas J. Higgins

Born in 1957. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Chief financial officer (2008–present) and treasurer (1998–2008) of each of the investment companies served by Vanguard.

Peter Mahoney

Born in 1974. Principal occupation(s) during the past five years and other experience: principal of Vanguard. Controller (2015–present) of each of the investment companies served by Vanguard. Head of International Fund Services (2008–2014) at Vanguard.

Anne E. Robinson

Born in 1970. Principal occupation(s) during the past five years and other experience: general counsel (2016–present) of Vanguard. Secretary (2016–present) of Vanguard and of each of the investment companies served by Vanguard. Managing director (2016–present) of Vanguard. Director and senior vice president (2016–2018) of Vanguard Marketing Corporation. Managing director and general counsel of Global Cards and Consumer Services (2014–2016) at Citigroup. Counsel (2003–2014) at American Express.

Michael Rollings

Born in 1963. Principal occupation(s) during the past five years and other experience: finance director (2017–present) and treasurer (2017) of each of the investment companies served by Vanguard. Managing director (2016–present) of Vanguard. Chief financial officer (2016–present) of Vanguard. Director (2016–present) of Vanguard Marketing Corporation. Executive vice president and chief financial officer (2006–2016) of MassMutual Financial Group.

Vanguard Senior Management Team

Mortimer J. Buckley	James M. Norris
Gregory Davis	Thomas M. Rampulla
John James	Karin A. Risi
Martha G. King	Anne E. Robinson
John T. Marcante	Michael Rollings
Chris D. McIsaac	

Chairman Emeritus and Senior Advisor

John J. Brennan

Chairman, 1996–2009
Chief Executive Officer and President, 1996–2008

Founder

John C. Bogle

Chairman and Chief Executive Officer, 1974–1996



Vanguard®

P.O. Box 2600
Valley Forge, PA 19482-2600

Connect with Vanguard® > vanguard.com

Fund Information > 800-662-7447

Direct Investor Account Services > 800-662-2739

Institutional Investor Services > 800-523-1036

Text Telephone for People

Who Are Deaf or Hard of Hearing > 800-749-7273

This material may be used in conjunction with the offering of shares of any Vanguard fund only if preceded or accompanied by the fund's current prospectus.

All comparative mutual fund data are from Lipper, a Thomson Reuters Company, or Morningstar, Inc., unless otherwise noted.

You can obtain a free copy of Vanguard's proxy voting guidelines by visiting vanguard.com/proxyreporting or by calling Vanguard at 800-662-2739. The guidelines are also available from the SEC's website, sec.gov. In addition, you may obtain a free report on how your fund voted the proxies for securities it owned during the 12 months ended June 30. To get the report, visit either vanguard.com/proxyreporting or sec.gov.

You can review and copy information about your fund at the SEC's Public Reference Room in Washington, D.C. To find out more about this public service, call the SEC at 202-551-8090. Information about your fund is also available on the SEC's website, and you can receive copies of this information, for a fee, by sending a request in either of two ways: via email addressed to publicinfo@sec.gov or via regular mail addressed to the Public Reference Section, Securities and Exchange Commission, Washington, DC 20549-1520.

© 2018 The Vanguard Group, Inc.
All rights reserved.
Vanguard Marketing Corporation, Distributor.

Q3142 082018

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
U.S. Government and Agency Obligations (64.3%)				
U.S. Government Securities (60.8%)				
United States Treasury Note/Bond	1.250%	6/30/19	84,466	83,542
United States Treasury Note/Bond	1.625%	6/30/19	383,139	380,384
United States Treasury Note/Bond	0.750%	7/15/19	24,123	23,723
United States Treasury Note/Bond	0.875%	7/31/19	63,239	62,221
United States Treasury Note/Bond	1.375%	7/31/19	188,809	186,743
United States Treasury Note/Bond	1.625%	7/31/19	331,696	329,003
United States Treasury Note/Bond	0.750%	8/15/19	215,332	211,430
United States Treasury Note/Bond	3.625%	8/15/19	1,190	1,206
United States Treasury Note/Bond	8.125%	8/15/19	180	191
United States Treasury Note/Bond	1.000%	8/31/19	13,245	13,030
United States Treasury Note/Bond	1.250%	8/31/19	46,000	45,389
United States Treasury Note/Bond	1.625%	8/31/19	511,191	506,559
United States Treasury Note/Bond	0.875%	9/15/19	378,600	371,679
United States Treasury Note/Bond	1.000%	9/30/19	10,750	10,562
United States Treasury Note/Bond	1.375%	9/30/19	25,477	25,147
United States Treasury Note/Bond	1.750%	9/30/19	464,096	460,179
United States Treasury Note/Bond	1.000%	10/15/19	258,275	253,554
United States Treasury Note/Bond	1.250%	10/31/19	675	664
United States Treasury Note/Bond	1.500%	10/31/19	487,273	481,260
United States Treasury Note/Bond	1.000%	11/15/19	26,550	26,031
United States Treasury Note/Bond	3.375%	11/15/19	46,927	47,491
United States Treasury Note/Bond	1.500%	11/30/19	877,879	866,080
United States Treasury Note/Bond	1.750%	11/30/19	3,070	3,039
United States Treasury Note/Bond	1.375%	12/15/19	208,970	205,706
United States Treasury Note/Bond	1.125%	12/31/19	33,950	33,276
United States Treasury Note/Bond	1.625%	12/31/19	220,449	217,693
United States Treasury Note/Bond	1.875%	12/31/19	32,186	31,899
United States Treasury Note/Bond	1.375%	1/15/20	95,405	93,810
United States Treasury Note/Bond	1.250%	1/31/20	374,467	367,270
United States Treasury Note/Bond	1.375%	1/31/20	28,790	28,295
United States Treasury Note/Bond	2.000%	1/31/20	76,531	75,957
United States Treasury Note/Bond	1.375%	2/15/20	178,313	175,138
United States Treasury Note/Bond	3.625%	2/15/20	76,900	78,246
United States Treasury Note/Bond	1.250%	2/29/20	935	916
United States Treasury Note/Bond	1.375%	2/29/20	732,417	718,911
United States Treasury Note/Bond	2.250%	2/29/20	162,825	162,138
United States Treasury Note/Bond	1.625%	3/15/20	208,980	205,879
United States Treasury Note/Bond	1.125%	3/31/20	15,750	15,376
United States Treasury Note/Bond	1.375%	3/31/20	625,013	612,900
United States Treasury Note/Bond	2.250%	3/31/20	139,054	138,424
United States Treasury Note/Bond	1.500%	4/15/20	293,296	288,072
United States Treasury Note/Bond	1.125%	4/30/20	835	814
United States Treasury Note/Bond	1.375%	4/30/20	314,470	308,033
United States Treasury Note/Bond	2.375%	4/30/20	4,869	4,856
United States Treasury Note/Bond	1.500%	5/15/20	340,461	334,132
United States Treasury Note/Bond	3.500%	5/15/20	1,495	1,521
United States Treasury Note/Bond	8.750%	5/15/20	89,535	99,734
United States Treasury Note/Bond	1.375%	5/31/20	975	954
United States Treasury Note/Bond	1.500%	5/31/20	395,312	387,651
United States Treasury Note/Bond	2.500%	5/31/20	199,248	199,124
United States Treasury Note/Bond	1.500%	6/15/20	78,982	77,427
United States Treasury Note/Bond	1.625%	6/30/20	277,165	272,270
United States Treasury Note/Bond	1.875%	6/30/20	600	592
United States Treasury Note/Bond	2.500%	6/30/20	59,415	59,387
United States Treasury Note/Bond	1.500%	7/15/20	288,805	282,850
United States Treasury Note/Bond	1.625%	7/31/20	575,534	564,743
United States Treasury Note/Bond	2.000%	7/31/20	5,225	5,166
United States Treasury Note/Bond	1.500%	8/15/20	126,412	123,666
United States Treasury Note/Bond	2.625%	8/15/20	1,560	1,562
United States Treasury Note/Bond	8.750%	8/15/20	250	282
United States Treasury Note/Bond	1.375%	8/31/20	936,065	912,813

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
United States Treasury Note/Bond	2.125%	8/31/20	28,973	28,710
United States Treasury Note/Bond	1.375%	9/15/20	82,790	80,695
United States Treasury Note/Bond	1.375%	9/30/20	442,932	431,443
United States Treasury Note/Bond	2.000%	9/30/20	10,508	10,377
United States Treasury Note/Bond	1.625%	10/15/20	141,901	138,908
United States Treasury Note/Bond	1.375%	10/31/20	541,106	526,393
United States Treasury Note/Bond	1.750%	10/31/20	103,820	101,873
United States Treasury Note/Bond	1.750%	11/15/20	191,259	187,614
United States Treasury Note/Bond	2.625%	11/15/20	2,555	2,557
United States Treasury Note/Bond	1.625%	11/30/20	627,760	613,635
United States Treasury Note/Bond	2.000%	11/30/20	8,760	8,640
United States Treasury Note/Bond	1.875%	12/15/20	372,925	366,630
United States Treasury Note/Bond	1.750%	12/31/20	157,569	154,369
United States Treasury Note/Bond	2.375%	12/31/20	5,070	5,044
United States Treasury Note/Bond	2.000%	1/15/21	239,301	235,786
United States Treasury Note/Bond	1.375%	1/31/21	256,574	248,718
United States Treasury Note/Bond	2.125%	1/31/21	7,250	7,163
United States Treasury Note/Bond	2.250%	2/15/21	176,197	174,627
United States Treasury Note/Bond	3.625%	2/15/21	1,493	1,531
United States Treasury Note/Bond	7.875%	2/15/21	250	283
United States Treasury Note/Bond	1.125%	2/28/21	379,402	364,996
United States Treasury Note/Bond	2.000%	2/28/21	75,350	74,173
United States Treasury Note/Bond	2.375%	3/15/21	198,759	197,549
United States Treasury Note/Bond	1.250%	3/31/21	986,981	951,509
United States Treasury Note/Bond	2.250%	3/31/21	775	767
United States Treasury Note/Bond	2.375%	4/15/21	53,764	53,420
United States Treasury Note/Bond	1.375%	4/30/21	218,407	211,071
United States Treasury Note/Bond	2.250%	4/30/21	950	940
United States Treasury Note/Bond	2.625%	5/15/21	179,020	179,020
United States Treasury Note/Bond	3.125%	5/15/21	1,380	1,399
United States Treasury Note/Bond	8.125%	5/15/21	190	219
United States Treasury Note/Bond	1.375%	5/31/21	613,845	592,360
United States Treasury Note/Bond	2.000%	5/31/21	1,100	1,081
United States Treasury Note/Bond	2.625%	6/15/21	228,507	228,507
United States Treasury Note/Bond	1.125%	6/30/21	549,223	525,453
United States Treasury Note/Bond	2.125%	6/30/21	1,150	1,133
United States Treasury Note/Bond	1.125%	7/31/21	253,355	242,073
United States Treasury Note/Bond	2.250%	7/31/21	1,350	1,335
United States Treasury Note/Bond	2.125%	8/15/21	120,173	118,296
United States Treasury Note/Bond	1.125%	8/31/21	653,088	623,085
United States Treasury Note/Bond	2.000%	8/31/21	16,209	15,890
United States Treasury Note/Bond	1.125%	9/30/21	635,263	605,285
United States Treasury Note/Bond	2.125%	9/30/21	31,400	30,885
United States Treasury Note/Bond	1.250%	10/31/21	945,336	903,089
United States Treasury Note/Bond	2.000%	10/31/21	18,630	18,240
United States Treasury Note/Bond	2.000%	11/15/21	21,575	21,116
United States Treasury Note/Bond	1.750%	11/30/21	312,639	303,357
United States Treasury Note/Bond	1.875%	11/30/21	1,069	1,042
United States Treasury Note/Bond	2.000%	12/31/21	264,378	258,472
United States Treasury Note/Bond	2.125%	12/31/21	1,450	1,424
United States Treasury Note/Bond	1.500%	1/31/22	69,500	66,709
United States Treasury Note/Bond	1.875%	1/31/22	636,005	618,617
United States Treasury Note/Bond	2.000%	2/15/22	169,513	165,540
United States Treasury Note/Bond	1.750%	2/28/22	201,961	195,397
United States Treasury Note/Bond	1.875%	2/28/22	79,660	77,420
United States Treasury Note/Bond	1.750%	3/31/22	229,242	221,649
United States Treasury Note/Bond	1.875%	3/31/22	444,170	431,329
United States Treasury Note/Bond	1.750%	4/30/22	409,134	395,068
United States Treasury Note/Bond	1.875%	4/30/22	116,307	112,854
United States Treasury Note/Bond	1.750%	5/15/22	217,660	210,109
United States Treasury Note/Bond	1.750%	5/31/22	468,287	451,822
United States Treasury Note/Bond	1.750%	6/30/22	119,680	115,379
United States Treasury Note/Bond	2.125%	6/30/22	54,730	53,541
United States Treasury Note/Bond	1.875%	7/31/22	258,294	250,021

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
United States Treasury Note/Bond	2.000%	7/31/22	145,520	141,563
United States Treasury Note/Bond	1.625%	8/15/22	82,447	78,956
United States Treasury Note/Bond	1.625%	8/31/22	625,501	598,917
United States Treasury Note/Bond	1.875%	8/31/22	269,117	260,287
United States Treasury Note/Bond	1.750%	9/30/22	86,085	82,776
United States Treasury Note/Bond	1.875%	9/30/22	193,712	187,234
United States Treasury Note/Bond	1.875%	10/31/22	915	884
United States Treasury Note/Bond	2.000%	10/31/22	222,285	215,790
United States Treasury Note/Bond	1.625%	11/15/22	161,143	153,917
United States Treasury Note/Bond	2.000%	11/30/22	493,160	478,597
United States Treasury Note/Bond	2.125%	12/31/22	473,977	461,981
United States Treasury Note/Bond	1.750%	1/31/23	29,330	28,102
United States Treasury Note/Bond	2.375%	1/31/23	469,278	462,239
United States Treasury Note/Bond	2.000%	2/15/23	25,000	24,215
United States Treasury Note/Bond	1.500%	2/28/23	311,720	295,015
United States Treasury Note/Bond	2.625%	2/28/23	608,013	605,447
United States Treasury Note/Bond	1.500%	3/31/23	166,205	157,142
United States Treasury Note/Bond	2.500%	3/31/23	421,875	417,589
United States Treasury Note/Bond	1.625%	4/30/23	69,135	65,667
United States Treasury Note/Bond	2.750%	4/30/23	25,990	26,006
United States Treasury Note/Bond	1.750%	5/15/23	393,320	375,683
United States Treasury Note/Bond	1.625%	5/31/23	210,100	199,431
United States Treasury Note/Bond	2.750%	5/31/23	258,123	258,404
United States Treasury Note/Bond	1.375%	6/30/23	80,000	74,913
United States Treasury Note/Bond	2.625%	6/30/23	522,587	519,974
United States Treasury Note/Bond	1.250%	7/31/23	183,985	170,963

31,035,919

Agency Bonds and Notes (3.5%)

¹ AID-Iraq	2.149%	1/18/22	9,755	9,535
¹ AID-Jordan	2.503%	10/30/20	7,250	7,185
¹ AID-Jordan	2.578%	6/30/22	3,200	3,156
¹ AID-Tunisia	2.452%	7/24/21	2,175	2,151
¹ AID-Tunisia	1.416%	8/5/21	4,885	4,695
¹ AID-Ukraine	1.847%	5/29/20	6,000	5,888
¹ AID-Ukraine	1.471%	9/29/21	10,305	9,833
² Federal Farm Credit Banks	5.150%	11/15/19	7,621	7,892
² Federal Farm Credit Banks	2.375%	3/27/20	5,000	4,986
² Federal Farm Credit Banks	2.550%	5/15/20	7,925	7,921
² Federal Farm Credit Banks	1.680%	10/13/20	7,650	7,489
² Federal Home Loan Banks	0.875%	8/5/19	20,250	19,914
² Federal Home Loan Banks	5.125%	8/15/19	7,350	7,568
² Federal Home Loan Banks	1.000%	9/26/19	20,800	20,430
² Federal Home Loan Banks	1.500%	10/21/19	80,340	79,321
² Federal Home Loan Banks	1.375%	11/15/19	39,475	38,883
² Federal Home Loan Banks	1.250%	12/13/19	8,875	8,716
² Federal Home Loan Banks	4.125%	12/13/19	250	256
² Federal Home Loan Banks	2.125%	2/11/20	40,375	40,116
² Federal Home Loan Banks	1.875%	3/13/20	16,775	16,589
² Federal Home Loan Banks	4.125%	3/13/20	40,670	41,730
² Federal Home Loan Banks	2.375%	3/30/20	27,170	27,091
² Federal Home Loan Banks	2.625%	5/28/20	31,000	31,029
² Federal Home Loan Banks	1.750%	6/12/20	1,300	1,280
² Federal Home Loan Banks	3.375%	6/12/20	7,025	7,130
² Federal Home Loan Banks	1.375%	9/28/20	18,250	17,757
² Federal Home Loan Banks	5.250%	12/11/20	3,400	3,606
² Federal Home Loan Banks	1.375%	2/18/21	18,000	17,410
² Federal Home Loan Banks	5.625%	6/11/21	13,465	14,577
² Federal Home Loan Banks	1.125%	7/14/21	19,600	18,710
² Federal Home Loan Banks	1.875%	11/29/21	52,600	51,171
² Federal Home Loan Banks	2.125%	3/10/23	8,950	8,681
³ Federal Home Loan Mortgage Corp.	0.875%	7/19/19	25,400	24,998
³ Federal Home Loan Mortgage Corp.	1.250%	10/2/19	120,860	119,019
³ Federal Home Loan Mortgage Corp.	1.500%	1/17/20	55,740	54,890
³ Federal Home Loan Mortgage Corp.	1.375%	4/20/20	19,102	18,705

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
³ Federal Home Loan Mortgage Corp.	2.500%	4/23/20	16,613	16,594
³ Federal Home Loan Mortgage Corp.	1.375%	5/1/20	33,103	32,397
³ Federal Home Loan Mortgage Corp.	1.625%	9/29/20	9,000	8,805
³ Federal Home Loan Mortgage Corp.	1.875%	11/17/20	35,320	34,706
³ Federal Home Loan Mortgage Corp.	2.375%	2/16/21	35,000	34,735
³ Federal Home Loan Mortgage Corp.	1.125%	8/12/21	19,000	18,110
³ Federal Home Loan Mortgage Corp.	2.375%	1/13/22	124,280	122,743
³ Federal Home Loan Mortgage Corp.	2.750%	6/19/23	20,000	19,933
³ Federal National Mortgage Assn.	0.875%	8/2/19	69,470	68,326
³ Federal National Mortgage Assn.	1.000%	8/28/19	53,000	52,145
³ Federal National Mortgage Assn.	1.750%	9/12/19	35,250	34,951
³ Federal National Mortgage Assn.	0.000%	10/9/19	47,300	45,783
³ Federal National Mortgage Assn.	1.000%	10/24/19	20,500	20,107
³ Federal National Mortgage Assn.	1.750%	11/26/19	23,150	22,914
³ Federal National Mortgage Assn.	1.625%	1/21/20	22,750	22,444
^{3,4} Federal National Mortgage Assn.	1.700%	1/27/20	300	296
³ Federal National Mortgage Assn.	1.500%	2/28/20	13,282	13,060
³ Federal National Mortgage Assn.	1.500%	6/22/20	131,815	129,084
³ Federal National Mortgage Assn.	1.500%	7/30/20	13,000	12,711
³ Federal National Mortgage Assn.	1.500%	11/30/20	27,880	27,146
³ Federal National Mortgage Assn.	1.875%	12/28/20	28,850	28,298
³ Federal National Mortgage Assn.	1.375%	2/26/21	21,400	20,693
³ Federal National Mortgage Assn.	2.500%	4/13/21	20,000	19,901
³ Federal National Mortgage Assn.	1.250%	5/6/21	250	240
³ Federal National Mortgage Assn.	2.750%	6/22/21	8,906	8,922
³ Federal National Mortgage Assn.	1.250%	8/17/21	30,500	29,179
³ Federal National Mortgage Assn.	1.375%	10/7/21	40,100	38,432
³ Federal National Mortgage Assn.	2.000%	1/5/22	40,700	39,693
³ Federal National Mortgage Assn.	1.875%	4/5/22	1,070	1,037
³ Federal National Mortgage Assn.	2.000%	10/5/22	26,250	25,430
³ Federal National Mortgage Assn.	2.375%	1/19/23	19,149	18,809
² Financing Corp.	8.600%	9/26/19	1,810	1,943
Private Export Funding Corp.	1.450%	8/15/19	1,000	988
Private Export Funding Corp.	2.300%	9/15/20	6,650	6,584
Private Export Funding Corp.	4.300%	12/15/21	9,940	10,419
Private Export Funding Corp.	2.800%	5/15/22	3,725	3,719
Private Export Funding Corp.	2.050%	11/15/22	10,276	9,923
Resolution Funding Corp.	8.625%	1/15/21	850	972
² Tennessee Valley Authority	2.250%	3/15/20	7,875	7,829
² Tennessee Valley Authority	3.875%	2/15/21	6,100	6,278
² Tennessee Valley Authority	1.875%	8/15/22	8,175	7,882

1,784,469

Total U.S. Government and Agency Obligations (Cost \$33,513,609)

32,820,388

Corporate Bonds (27.5%)

Finance (11.5%)

Banking (9.3%)

American Express Co.	2.200%	3/3/20	10,796	10,645
American Express Co.	2.200%	10/30/20	8,832	8,623
American Express Co.	3.375%	5/17/21	8,667	8,672
American Express Co.	2.500%	8/1/22	13,761	13,190
American Express Co.	2.650%	12/2/22	5,048	4,835
American Express Co.	3.400%	2/27/23	11,012	10,896
American Express Credit Corp.	2.250%	8/15/19	1,525	1,515
American Express Credit Corp.	1.700%	10/30/19	2,455	2,419
American Express Credit Corp.	2.375%	5/26/20	16,685	16,435
American Express Credit Corp.	2.600%	9/14/20	9,327	9,208
American Express Credit Corp.	2.250%	5/5/21	27,712	26,948
American Express Credit Corp.	2.700%	3/3/22	13,267	12,966
Australia & New Zealand Banking Group Ltd.	1.600%	7/15/19	10,400	10,276
Australia & New Zealand Banking Group Ltd.	2.050%	9/23/19	6,750	6,676
Australia & New Zealand Banking Group Ltd.	2.125%	8/19/20	7,172	7,008

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Australia & New Zealand Banking Group Ltd.	2.250%	11/9/20	14,000	13,659
Australia & New Zealand Banking Group Ltd.	2.700%	11/16/20	7,075	6,993
Australia & New Zealand Banking Group Ltd.	2.300%	6/1/21	7,925	7,701
Australia & New Zealand Banking Group Ltd.	2.550%	11/23/21	6,000	5,818
Australia & New Zealand Banking Group Ltd.	2.625%	5/19/22	9,290	8,987
Australia & New Zealand Banking Group Ltd.	2.625%	11/9/22	8,385	8,057
Banco Bilbao Vizcaya Argentaria SA	3.000%	10/20/20	11,125	11,058
Banco Santander SA	3.500%	4/11/22	2,793	2,727
Banco Santander SA	3.125%	2/23/23	5,875	5,558
Banco Santander SA	3.848%	4/12/23	13,280	12,976
Bancolombia SA	5.950%	6/3/21	6,300	6,652
Bank of America Corp.	2.250%	4/21/20	15,740	15,517
Bank of America Corp.	2.625%	10/19/20	19,930	19,677
Bank of America Corp.	2.625%	4/19/21	13,886	13,632
4 Bank of America Corp.	2.369%	7/21/21	19,918	19,524
4 Bank of America Corp.	2.328%	10/1/21	15,000	14,676
4 Bank of America Corp.	2.738%	1/23/22	3,790	3,720
4 Bank of America Corp.	3.499%	5/17/22	16,500	16,488
Bank of America Corp.	2.503%	10/21/22	15,230	14,578
Bank of America Corp.	3.300%	1/11/23	35,127	34,567
4 Bank of America Corp.	3.124%	1/20/23	10,825	10,642
4 Bank of America Corp.	2.881%	4/24/23	14,425	14,006
4 Bank of America Corp.	2.816%	7/21/23	15,000	14,491
Bank of America Corp.	3.004%	12/20/23	85,532	82,846
4 Bank of America Corp.	3.550%	3/5/24	23,000	22,715
Bank of Montreal	1.500%	7/18/19	7,625	7,524
Bank of Montreal	1.750%	9/11/19	7,400	7,310
Bank of Montreal	2.100%	12/12/19	6,250	6,176
Bank of Montreal	2.100%	6/15/20	7,532	7,383
Bank of Montreal	3.100%	4/13/21	16,500	16,439
Bank of Montreal	1.900%	8/27/21	15,571	14,890
Bank of New York Mellon Corp.	2.300%	9/11/19	9,450	9,397
Bank of New York Mellon Corp.	4.600%	1/15/20	3,608	3,695
Bank of New York Mellon Corp.	2.150%	2/24/20	6,552	6,466
Bank of New York Mellon Corp.	2.600%	8/17/20	9,600	9,505
Bank of New York Mellon Corp.	2.450%	11/27/20	9,858	9,685
Bank of New York Mellon Corp.	4.150%	2/1/21	1,348	1,383
Bank of New York Mellon Corp.	2.500%	4/15/21	1,777	1,743
Bank of New York Mellon Corp.	2.050%	5/3/21	19,100	18,472
Bank of New York Mellon Corp.	3.550%	9/23/21	200	202
Bank of New York Mellon Corp.	2.600%	2/7/22	17,021	16,617
Bank of New York Mellon Corp.	2.950%	1/29/23	6,852	6,695
4 Bank of New York Mellon Corp.	2.661%	5/16/23	5,850	5,666
Bank of Nova Scotia	2.150%	7/14/20	5,400	5,299
Bank of Nova Scotia	2.350%	10/21/20	11,886	11,660
Bank of Nova Scotia	2.500%	1/8/21	1,130	1,109
Bank of Nova Scotia	4.375%	1/13/21	3,176	3,259
Bank of Nova Scotia	2.800%	7/21/21	6,780	6,683
Bank of Nova Scotia	2.700%	3/7/22	21,025	20,348
Bank of Nova Scotia	2.450%	9/19/22	2,146	2,061
Barclays Bank plc	5.140%	10/14/20	2,000	2,057
Barclays Bank plc	2.650%	1/11/21	15,000	14,672
Barclays plc	2.750%	11/8/19	15,015	14,916
Barclays plc	2.875%	6/8/20	20,550	20,310
Barclays plc	3.250%	1/12/21	7,462	7,356
Barclays plc	3.200%	8/10/21	9,360	9,169
Barclays plc	3.684%	1/10/23	6,000	5,832
4 Barclays plc	4.338%	5/16/24	15,000	14,808
BB&T Corp.	5.250%	11/1/19	500	514
BB&T Corp.	2.450%	1/15/20	15,064	14,906
BB&T Corp.	2.625%	6/29/20	2,967	2,940
BB&T Corp.	2.150%	2/1/21	5,317	5,183
BB&T Corp.	2.050%	5/10/21	10,880	10,491
BB&T Corp.	3.200%	9/3/21	4,000	3,987

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)	
	BB&T Corp.	3.950%	3/22/22	2,100	2,134
	BB&T Corp.	2.750%	4/1/22	7,665	7,491
	BNP Paribas SA	2.375%	5/21/20	13,656	13,485
	BNP Paribas SA	5.000%	1/15/21	13,175	13,681
	BNP Paribas SA	3.250%	3/3/23	3,699	3,646
	BPCE SA	2.500%	7/15/19	8,215	8,176
	BPCE SA	2.250%	1/27/20	7,015	6,910
	BPCE SA	2.650%	2/3/21	5,150	5,046
	BPCE SA	2.750%	12/2/21	12,000	11,666
5	BPCE SA	3.000%	5/22/22	7,000	6,762
	Branch Banking & Trust Co.	2.100%	1/15/20	2,240	2,206
	Branch Banking & Trust Co.	2.250%	6/1/20	5,987	5,885
	Branch Banking & Trust Co.	2.850%	4/1/21	2,175	2,152
	Branch Banking & Trust Co.	2.625%	1/15/22	5,935	5,791
	Canadian Imperial Bank of Commerce	1.600%	9/6/19	9,199	9,058
	Canadian Imperial Bank of Commerce	2.100%	10/5/20	8,060	7,851
	Canadian Imperial Bank of Commerce	2.700%	2/2/21	1,620	1,594
	Canadian Imperial Bank of Commerce	2.550%	6/16/22	12,225	11,816
	Capital One Bank USA NA	8.800%	7/15/19	2,425	2,558
	Capital One Bank USA NA	3.375%	2/15/23	350	340
	Capital One Financial Corp.	2.500%	5/12/20	7,358	7,243
	Capital One Financial Corp.	2.400%	10/30/20	1,200	1,170
	Capital One Financial Corp.	3.450%	4/30/21	14,500	14,463
	Capital One Financial Corp.	4.750%	7/15/21	7,632	7,881
	Capital One Financial Corp.	3.050%	3/9/22	8,165	7,983
	Capital One Financial Corp.	3.200%	1/30/23	900	874
	Capital One Financial Corp.	3.500%	6/15/23	1,880	1,836
	Capital One NA	2.400%	9/5/19	5,425	5,377
	Capital One NA	1.850%	9/13/19	11,615	11,443
	Capital One NA	2.350%	1/31/20	9,530	9,391
	Capital One NA	2.950%	7/23/21	9,680	9,506
	Capital One NA	2.250%	9/13/21	14,436	13,825
	Capital One NA	2.650%	8/8/22	4,818	4,623
	Citibank NA	1.850%	9/18/19	20,500	20,236
	Citibank NA	3.050%	5/1/20	14,700	14,670
	Citibank NA	2.100%	6/12/20	14,500	14,196
	Citibank NA	2.125%	10/20/20	25,325	24,670
	Citibank NA	2.850%	2/12/21	7,350	7,263
4.5	Citicorp Lease Pass-Through Trust 1999-1	8.040%	12/15/19	335	357
	Citigroup Inc.	2.500%	7/29/19	15,142	15,076
	Citigroup Inc.	2.450%	1/10/20	8,058	7,966
	Citigroup Inc.	2.400%	2/18/20	19,350	19,103
	Citigroup Inc.	5.375%	8/9/20	2,583	2,692
	Citigroup Inc.	2.650%	10/26/20	12,465	12,268
	Citigroup Inc.	2.700%	3/30/21	19,425	19,024
	Citigroup Inc.	2.350%	8/2/21	12,767	12,286
	Citigroup Inc.	2.900%	12/8/21	31,773	31,122
	Citigroup Inc.	4.500%	1/14/22	19,543	20,069
	Citigroup Inc.	2.750%	4/25/22	23,375	22,660
	Citigroup Inc.	4.050%	7/30/22	5,480	5,507
	Citigroup Inc.	2.700%	10/27/22	7,000	6,721
	Citigroup Inc.	3.500%	5/15/23	11,826	11,563
4	Citigroup Inc.	2.876%	7/24/23	6,034	5,818
4	Citigroup Inc.	4.044%	6/1/24	11,585	11,650
	Citizens Bank NA	2.450%	12/4/19	4,745	4,700
	Citizens Bank NA	2.250%	3/2/20	5,830	5,733
	Citizens Bank NA	2.200%	5/26/20	6,580	6,441
	Citizens Bank NA	2.250%	10/30/20	6,150	5,994
	Citizens Bank NA	2.550%	5/13/21	12,665	12,335
	Citizens Bank NA	2.650%	5/26/22	5,500	5,317
	Citizens Bank NA	3.700%	3/29/23	3,700	3,691
	Citizens Financial Group Inc.	2.375%	7/28/21	1,400	1,353
	Commonwealth Bank of Australia	2.300%	9/6/19	14,800	14,694
	Commonwealth Bank of Australia	2.300%	3/12/20	3,182	3,144

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Commonwealth Bank of Australia	2.400%	11/2/20	7,375	7,236
Commonwealth Bank of Australia	2.550%	3/15/21	8,755	8,554
Compass Bank	2.750%	9/29/19	2,250	2,235
Compass Bank	3.500%	6/11/21	6,750	6,742
Compass Bank	2.875%	6/29/22	8,800	8,493
Cooperatieve Rabobank UA	1.375%	8/9/19	8,110	7,972
Cooperatieve Rabobank UA	2.250%	1/14/20	9,705	9,585
Cooperatieve Rabobank UA	4.500%	1/11/21	1,241	1,275
Cooperatieve Rabobank UA	2.500%	1/19/21	27,843	27,320
Cooperatieve Rabobank UA	2.750%	1/10/22	29,645	28,893
Cooperatieve Rabobank UA	3.875%	2/8/22	16,750	16,953
Cooperatieve Rabobank UA	3.950%	11/9/22	7,557	7,478
Cooperatieve Rabobank UA	2.750%	1/10/23	1,500	1,443
Credit Suisse AG	5.300%	8/13/19	3,450	3,540
Credit Suisse AG	5.400%	1/14/20	11,107	11,423
Credit Suisse AG	4.375%	8/5/20	5,074	5,195
Credit Suisse AG	3.000%	10/29/21	18,225	17,961
5 Credit Suisse Group AG	3.574%	1/9/23	5,000	4,898
Credit Suisse Group Funding Guernsey Ltd.	2.750%	3/26/20	16,239	16,067
Credit Suisse Group Funding Guernsey Ltd.	3.125%	12/10/20	9,255	9,180
Credit Suisse Group Funding Guernsey Ltd.	3.450%	4/16/21	11,485	11,438
Credit Suisse Group Funding Guernsey Ltd.	3.800%	9/15/22	10,364	10,311
Credit Suisse Group Funding Guernsey Ltd.	3.800%	6/9/23	15,280	15,068
Deutsche Bank AG	2.700%	7/13/20	21,850	21,313
Deutsche Bank AG	2.950%	8/20/20	3,340	3,254
Deutsche Bank AG	3.125%	1/13/21	9,825	9,482
Deutsche Bank AG	3.150%	1/22/21	16,125	15,607
Deutsche Bank AG	3.375%	5/12/21	5,400	5,222
Deutsche Bank AG	4.250%	10/14/21	26,000	25,598
Deutsche Bank AG	3.300%	11/16/22	13,426	12,568
Deutsche Bank AG	3.950%	2/27/23	9,500	9,104
Discover Bank	7.000%	4/15/20	2,485	2,621
Discover Bank	3.100%	6/4/20	6,491	6,456
Discover Bank	3.200%	8/9/21	2,676	2,639
Discover Bank	3.350%	2/6/23	650	633
Discover Financial Services	3.850%	11/21/22	5,254	5,227
Fifth Third Bancorp	2.875%	7/27/20	7,163	7,121
Fifth Third Bancorp	3.500%	3/15/22	4,072	4,074
Fifth Third Bank	1.625%	9/27/19	5,455	5,368
Fifth Third Bank	2.200%	10/30/20	2,900	2,831
Fifth Third Bank	2.250%	6/14/21	15,733	15,327
Fifth Third Bank	2.875%	10/1/21	3,191	3,148
First Horizon National Corp.	3.500%	12/15/20	2,528	2,536
First Niagara Financial Group Inc.	6.750%	3/19/20	1,275	1,345
First Republic Bank	2.500%	6/6/22	7,475	7,188
Goldman Sachs Bank USA	3.200%	6/5/20	7,225	7,246
Goldman Sachs Group Inc.	1.950%	7/23/19	5,450	5,399
Goldman Sachs Group Inc.	2.550%	10/23/19	17,441	17,323
Goldman Sachs Group Inc.	2.300%	12/13/19	23,516	23,263
Goldman Sachs Group Inc.	5.375%	3/15/20	18,542	19,190
Goldman Sachs Group Inc.	2.600%	4/23/20	13,060	12,935
Goldman Sachs Group Inc.	6.000%	6/15/20	8,495	8,929
Goldman Sachs Group Inc.	2.750%	9/15/20	14,722	14,535
Goldman Sachs Group Inc.	2.600%	12/27/20	1,470	1,444
Goldman Sachs Group Inc.	2.875%	2/25/21	14,977	14,769
Goldman Sachs Group Inc.	2.625%	4/25/21	12,202	11,937
Goldman Sachs Group Inc.	5.250%	7/27/21	31,382	32,942
Goldman Sachs Group Inc.	2.350%	11/15/21	5,074	4,878
Goldman Sachs Group Inc.	5.750%	1/24/22	28,689	30,686
Goldman Sachs Group Inc.	3.000%	4/26/22	53,090	51,901
4 Goldman Sachs Group Inc.	2.876%	10/31/22	15,328	14,963
Goldman Sachs Group Inc.	3.625%	1/22/23	12,190	12,109
Goldman Sachs Group Inc.	3.200%	2/23/23	16,023	15,587
4 Goldman Sachs Group Inc.	2.908%	6/5/23	6,806	6,559

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

		Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
4	Goldman Sachs Group Inc.	2.905%	7/24/23	17,300	16,675
	HSBC Bank USA NA	4.875%	8/24/20	4,080	4,201
	HSBC Holdings plc	3.400%	3/8/21	44,602	44,584
	HSBC Holdings plc	5.100%	4/5/21	4,070	4,241
	HSBC Holdings plc	2.950%	5/25/21	24,298	23,962
	HSBC Holdings plc	2.650%	1/5/22	16,270	15,717
	HSBC Holdings plc	4.875%	1/14/22	2,944	3,071
	HSBC Holdings plc	4.000%	3/30/22	15,361	15,567
4	HSBC Holdings plc	3.262%	3/13/23	26,395	25,840
	HSBC Holdings plc	3.600%	5/25/23	22,230	22,020
4	HSBC Holdings plc	3.033%	11/22/23	4,000	3,859
4	HSBC Holdings plc	3.950%	5/18/24	14,000	13,948
	HSBC USA Inc.	2.375%	11/13/19	17,895	17,739
	HSBC USA Inc.	2.350%	3/5/20	5,836	5,762
	HSBC USA Inc.	2.750%	8/7/20	16,320	16,191
	HSBC USA Inc.	5.000%	9/27/20	6,007	6,188
	Huntington Bancshares Inc.	7.000%	12/15/20	900	968
	Huntington Bancshares Inc.	3.150%	3/14/21	5,269	5,238
	Huntington Bancshares Inc.	2.300%	1/14/22	1,170	1,124
	Huntington National Bank	2.375%	3/10/20	10,510	10,368
	Huntington National Bank	2.400%	4/1/20	4,275	4,214
	Huntington National Bank	2.875%	8/20/20	4,450	4,424
	Huntington National Bank	3.250%	5/14/21	5,450	5,430
	Huntington National Bank	2.500%	8/7/22	7,250	7,023
	ING Groep NV	3.150%	3/29/22	10,052	9,856
5	Itau Corpbanca	3.875%	9/22/19	400	400
	JPMorgan Chase & Co.	2.200%	10/22/19	5,552	5,500
	JPMorgan Chase & Co.	2.250%	1/23/20	45,782	45,179
	JPMorgan Chase & Co.	2.750%	6/23/20	38,452	38,099
	JPMorgan Chase & Co.	4.400%	7/22/20	17,590	18,005
	JPMorgan Chase & Co.	4.250%	10/15/20	21,877	22,338
	JPMorgan Chase & Co.	2.550%	10/29/20	19,494	19,204
	JPMorgan Chase & Co.	2.550%	3/1/21	21,165	20,707
	JPMorgan Chase & Co.	4.625%	5/10/21	10,500	10,860
	JPMorgan Chase & Co.	2.400%	6/7/21	11,536	11,237
	JPMorgan Chase & Co.	2.295%	8/15/21	29,358	28,343
	JPMorgan Chase & Co.	4.350%	8/15/21	17,664	18,164
	JPMorgan Chase & Co.	4.500%	1/24/22	14,629	15,131
4	JPMorgan Chase & Co.	3.514%	6/18/22	10,000	9,997
	JPMorgan Chase & Co.	3.250%	9/23/22	22,255	22,007
	JPMorgan Chase & Co.	2.972%	1/15/23	1,400	1,364
	JPMorgan Chase & Co.	3.200%	1/25/23	25,747	25,279
4	JPMorgan Chase & Co.	2.776%	4/25/23	7,190	6,977
	JPMorgan Chase & Co.	3.375%	5/1/23	15,464	15,105
	JPMorgan Chase & Co.	2.700%	5/18/23	19,113	18,304
4	JPMorgan Chase & Co.	3.559%	4/23/24	13,000	12,865
	JPMorgan Chase Bank NA	1.650%	9/23/19	7,000	6,897
4	JPMorgan Chase Bank NA	2.604%	2/1/21	5,000	4,953
4	JPMorgan Chase Bank NA	3.086%	4/26/21	14,500	14,460
	KeyBank NA	1.600%	8/22/19	4,500	4,435
	KeyBank NA	2.500%	12/15/19	3,360	3,332
	KeyBank NA	2.250%	3/16/20	2,660	2,624
	KeyBank NA	3.350%	6/15/21	2,250	2,252
	KeyBank NA	2.500%	11/22/21	5,910	5,757
	KeyBank NA	2.400%	6/9/22	8,660	8,302
	KeyBank NA	2.300%	9/14/22	6,655	6,339
	KeyBank NA	3.375%	3/7/23	2,850	2,823
4	KeyBank NA	3.180%	10/15/27	1,250	1,231
	KeyCorp	2.900%	9/15/20	10,466	10,377
	KeyCorp	5.100%	3/24/21	5,200	10,659
	Lloyds Bank plc	2.400%	3/17/20	1,000	987
	Lloyds Bank plc	2.700%	8/17/20	17,086	16,900
	Lloyds Bank plc	6.375%	1/21/21	2,942	3,151
	Lloyds Bank plc	3.300%	5/7/21	8,000	7,958

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

		Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
4	Lloyds Banking Group plc	3.000%	1/11/22	25,340	24,635
	Lloyds Banking Group plc	2.907%	11/7/23	5,000	4,762
	Manufacturers & Traders Trust Co.	2.250%	7/25/19	11,318	11,239
	Manufacturers & Traders Trust Co.	2.100%	2/6/20	1,750	1,722
	Manufacturers & Traders Trust Co.	2.050%	8/17/20	4,800	4,686
	Manufacturers & Traders Trust Co.	2.625%	1/25/21	4,170	4,105
	Mitsubishi UFJ Financial Group Inc.	2.950%	3/1/21	8,985	8,870
	Mitsubishi UFJ Financial Group Inc.	2.190%	9/13/21	19,525	18,738
	Mitsubishi UFJ Financial Group Inc.	2.998%	2/22/22	9,850	9,652
	Mitsubishi UFJ Financial Group Inc.	2.665%	7/25/22	24,943	24,066
	Mitsubishi UFJ Financial Group Inc.	3.455%	3/2/23	8,603	8,523
	Mizuho Financial Group Inc.	2.273%	9/13/21	1,500	1,439
	Mizuho Financial Group Inc.	2.953%	2/28/22	3,400	3,319
	Mizuho Financial Group Inc.	3.549%	3/5/23	8,000	7,937
	Morgan Stanley	2.375%	7/23/19	20,238	20,111
	Morgan Stanley	5.625%	9/23/19	15,114	15,574
	Morgan Stanley	5.500%	1/26/20	13,457	13,916
	Morgan Stanley	2.650%	1/27/20	18,972	18,833
	Morgan Stanley	2.800%	6/16/20	17,392	17,250
	Morgan Stanley	5.500%	7/24/20	12,345	12,880
	Morgan Stanley	5.750%	1/25/21	15,379	16,260
	Morgan Stanley	2.500%	4/21/21	21,840	21,316
	Morgan Stanley	5.500%	7/28/21	13,534	14,301
	Morgan Stanley	2.625%	11/17/21	31,687	30,807
Morgan Stanley	2.750%	5/19/22	32,495	31,473	
4	Morgan Stanley	4.875%	11/1/22	15,924	16,507
	Morgan Stanley	3.125%	1/23/23	15,205	14,832
	Morgan Stanley	3.750%	2/25/23	23,133	23,146
	Morgan Stanley	4.100%	5/22/23	15,058	15,127
	Morgan Stanley	3.737%	4/24/24	20,000	19,870
	MUFG Americas Holdings Corp.	2.250%	2/10/20	6,448	6,371
	National Australia Bank Ltd.	1.375%	7/12/19	11,000	10,839
	National Australia Bank Ltd.	2.250%	1/10/20	500	494
	National Australia Bank Ltd.	2.125%	5/22/20	17,300	17,023
	National Australia Bank Ltd.	2.625%	7/23/20	8,750	8,650
	National Australia Bank Ltd.	2.625%	1/14/21	8,635	8,481
	National Australia Bank Ltd.	1.875%	7/12/21	6,430	6,139
	National Australia Bank Ltd.	3.375%	9/20/21	5,000	4,981
	National Australia Bank Ltd.	2.800%	1/10/22	6,000	5,856
	National Australia Bank Ltd.	2.500%	5/22/22	5,265	5,016
	National Australia Bank Ltd.	3.000%	1/20/23	4,536	4,409
	National Australia Bank Ltd.	3.625%	6/20/23	5,000	4,981
	National Bank of Canada	2.150%	6/12/20	10,150	9,935
	National Bank of Canada	2.200%	11/2/20	9,785	9,536
	Northern Trust Corp.	3.450%	11/4/20	175	177
	Northern Trust Corp.	3.375%	8/23/21	2,771	2,791
	Northern Trust Corp.	2.375%	8/2/22	1,845	1,780
	People's United Financial Inc.	3.650%	12/6/22	3,700	3,709
	PNC Bank NA	2.250%	7/2/19	10,400	10,348
	PNC Bank NA	1.450%	7/29/19	3,420	3,371
	PNC Bank NA	2.400%	10/18/19	9,713	9,645
	PNC Bank NA	2.000%	5/19/20	5,935	5,809
	PNC Bank NA	2.300%	6/1/20	10,957	10,779
	PNC Bank NA	2.600%	7/21/20	5,320	5,254
	PNC Bank NA	2.450%	11/5/20	9,786	9,616
	PNC Bank NA	2.500%	1/22/21	3,000	2,951
	PNC Bank NA	2.150%	4/29/21	15,076	14,602
	PNC Bank NA	2.550%	12/9/21	4,800	4,679
	PNC Bank NA	2.625%	2/17/22	17,085	16,632
	PNC Bank NA	2.700%	11/1/22	5,541	5,326
	PNC Bank NA	2.950%	1/30/23	6,500	6,291
PNC Bank NA	3.500%	6/8/23	4,000	4,001	
PNC Financial Services Group Inc.	2.854%	11/9/22	4,240	4,114	
PNC Funding Corp.	5.125%	2/8/20	10,469	10,798	

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
PNC Funding Corp.	4.375%	8/11/20	426	436
RBC USA Holdco Corp.	5.250%	9/15/20	100	104
Regions Bank	2.750%	4/1/21	5,390	5,300
Regions Financial Corp.	3.200%	2/8/21	2,869	2,856
Regions Financial Corp.	2.750%	8/14/22	7,597	7,325
Royal Bank of Canada	1.500%	7/29/19	20,390	20,124
Royal Bank of Canada	2.125%	3/2/20	16,500	16,255
Royal Bank of Canada	2.150%	3/6/20	1,770	1,745
Royal Bank of Canada	2.150%	10/26/20	9,820	9,589
Royal Bank of Canada	2.350%	10/30/20	12,642	12,399
Royal Bank of Canada	2.500%	1/19/21	6,933	6,816
Royal Bank of Canada	3.200%	4/30/21	10,000	9,977
Royal Bank of Canada	2.750%	2/1/22	12,425	12,182
4 Royal Bank of Scotland Group plc	3.498%	5/15/23	13,675	13,246
4 Royal Bank of Scotland Group plc	4.519%	6/25/24	16,000	16,011
Santander Holdings USA Inc.	2.650%	4/17/20	11,055	10,976
Santander Holdings USA Inc.	3.700%	3/28/22	14,539	14,283
Santander Holdings USA Inc.	3.400%	1/18/23	7,400	7,121
Santander UK Group Holdings plc	2.875%	10/16/20	8,020	7,920
Santander UK Group Holdings plc	3.125%	1/8/21	17,795	17,575
Santander UK Group Holdings plc	2.875%	8/5/21	4,380	4,250
4 Santander UK Group Holdings plc	3.373%	1/5/24	11,500	11,052
Santander UK plc	2.350%	9/10/19	19,405	19,269
Santander UK plc	2.375%	3/16/20	350	345
Santander UK plc	2.125%	11/3/20	9,040	8,779
Santander UK plc	3.400%	6/1/21	8,355	8,342
Skandinaviska Enskilda Banken AB	1.500%	9/13/19	1,500	1,475
Skandinaviska Enskilda Banken AB	2.300%	3/11/20	5,424	5,351
Skandinaviska Enskilda Banken AB	2.625%	3/15/21	12,545	12,336
Skandinaviska Enskilda Banken AB	1.875%	9/13/21	15,250	14,540
Skandinaviska Enskilda Banken AB	2.800%	3/11/22	5,800	5,668
State Street Corp.	2.550%	8/18/20	9,166	9,083
State Street Corp.	4.375%	3/7/21	6,402	6,614
State Street Corp.	1.950%	5/19/21	4,425	4,279
4 State Street Corp.	2.653%	5/15/23	5,425	5,272
State Street Corp.	3.100%	5/15/23	1,665	1,640
Sumitomo Mitsui Banking Corp.	2.250%	7/11/19	10,150	10,080
Sumitomo Mitsui Banking Corp.	2.092%	10/18/19	11,700	11,554
Sumitomo Mitsui Banking Corp.	2.450%	1/16/20	17,660	17,472
Sumitomo Mitsui Banking Corp.	2.514%	1/17/20	10,000	9,897
Sumitomo Mitsui Banking Corp.	2.650%	7/23/20	9,575	9,457
Sumitomo Mitsui Banking Corp.	2.450%	10/20/20	5,250	5,155
Sumitomo Mitsui Banking Corp.	3.200%	7/18/22	2,110	2,086
Sumitomo Mitsui Financial Group Inc.	2.934%	3/9/21	11,340	11,195
Sumitomo Mitsui Financial Group Inc.	2.058%	7/14/21	10,222	9,809
Sumitomo Mitsui Financial Group Inc.	2.442%	10/19/21	14,246	13,732
Sumitomo Mitsui Financial Group Inc.	2.846%	1/11/22	6,935	6,761
Sumitomo Mitsui Financial Group Inc.	2.784%	7/12/22	6,187	5,985
Sumitomo Mitsui Financial Group Inc.	2.778%	10/18/22	6,286	6,050
Sumitomo Mitsui Financial Group Inc.	3.102%	1/17/23	10,000	9,735
SunTrust Bank	2.250%	1/31/20	7,631	7,533
4 SunTrust Bank	2.590%	1/29/21	9,000	8,920
SunTrust Bank	2.450%	8/1/22	7,126	6,837
SunTrust Bank	3.000%	2/2/23	5,135	5,030
SunTrust Bank	2.750%	5/1/23	1,125	1,086
SunTrust Banks Inc.	2.900%	3/3/21	4,859	4,797
SunTrust Banks Inc.	2.700%	1/27/22	1,743	1,696
Svenska Handelsbanken AB	1.500%	9/6/19	8,800	8,662
Svenska Handelsbanken AB	1.950%	9/8/20	12,315	11,992
Svenska Handelsbanken AB	2.400%	10/1/20	7,875	7,735
Svenska Handelsbanken AB	2.450%	3/30/21	15,058	14,715
Svenska Handelsbanken AB	3.350%	5/24/21	5,000	4,998
Svenska Handelsbanken AB	1.875%	9/7/21	3,932	3,715
Synchrony Bank	3.650%	5/24/21	13,250	13,234

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Synchrony Bank	3.000%	6/15/22	4,415	4,251
Synchrony Financial	3.000%	8/15/19	15,193	15,159
Synchrony Financial	2.700%	2/3/20	6,782	6,707
Synchrony Financial	3.750%	8/15/21	2,761	2,756
Synovus Financial Corp.	3.125%	11/1/22	2,200	2,108
Toronto-Dominion Bank	2.125%	7/2/19	18,380	18,281
Toronto-Dominion Bank	1.450%	8/13/19	7,279	7,177
Toronto-Dominion Bank	2.250%	11/5/19	17,385	17,257
Toronto-Dominion Bank	2.500%	12/14/20	12,790	12,585
Toronto-Dominion Bank	2.550%	1/25/21	8,050	7,929
Toronto-Dominion Bank	2.125%	4/7/21	16,950	16,478
Toronto-Dominion Bank	3.250%	6/11/21	4,231	4,234
Toronto-Dominion Bank	1.800%	7/13/21	17,113	16,386
UBS AG	2.375%	8/14/19	28,004	27,825
UBS AG	2.350%	3/26/20	9,030	8,927
UBS AG	4.875%	8/4/20	6,375	6,569
US Bancorp	2.350%	1/29/21	5,910	5,800
US Bancorp	4.125%	5/24/21	2,764	2,835
US Bancorp	2.625%	1/24/22	10,255	10,034
US Bancorp	3.000%	3/15/22	5,130	5,086
US Bancorp	2.950%	7/15/22	311	303
US Bank NA	2.125%	10/28/19	11,617	11,505
US Bank NA	2.350%	1/23/20	5,000	4,951
US Bank NA	2.000%	1/24/20	8,225	8,101
US Bank NA	2.050%	10/23/20	15,000	14,638
US Bank NA	3.150%	4/26/21	2,000	2,003
US Bank NA	3.104%	5/21/21	12,400	12,380
US Bank NA	2.850%	1/23/23	5,935	5,804
Wells Fargo & Co.	2.150%	1/30/20	14,848	14,625
Wells Fargo & Co.	2.600%	7/22/20	30,091	29,698
Wells Fargo & Co.	2.550%	12/7/20	21,216	20,860
Wells Fargo & Co.	3.000%	1/22/21	9,917	9,846
Wells Fargo & Co.	2.500%	3/4/21	11,135	10,888
Wells Fargo & Co.	4.600%	4/1/21	24,696	25,482
Wells Fargo & Co.	2.100%	7/26/21	22,075	21,225
Wells Fargo & Co.	3.500%	3/8/22	5,291	5,273
Wells Fargo & Co.	2.625%	7/22/22	27,078	25,996
Wells Fargo & Co.	3.069%	1/24/23	15,166	14,723
Wells Fargo & Co.	3.450%	2/13/23	10,655	10,416
Wells Fargo Bank NA	2.150%	12/6/19	18,610	18,387
Wells Fargo Bank NA	2.400%	1/15/20	13,400	13,270
Wells Fargo Bank NA	2.600%	1/15/21	15,409	15,162
Westpac Banking Corp.	1.600%	8/19/19	8,250	8,134
Westpac Banking Corp.	4.875%	11/19/19	14,501	14,868
Westpac Banking Corp.	2.150%	3/6/20	11,000	10,817
Westpac Banking Corp.	3.050%	5/15/20	5,280	5,279
Westpac Banking Corp.	2.300%	5/26/20	19,577	19,296
Westpac Banking Corp.	2.600%	11/23/20	10,375	10,215
Westpac Banking Corp.	2.650%	1/25/21	7,000	6,885
Westpac Banking Corp.	2.100%	5/13/21	9,352	9,032
Westpac Banking Corp.	2.000%	8/19/21	11,450	10,960
Westpac Banking Corp.	2.800%	1/11/22	5,000	4,888
Westpac Banking Corp.	2.500%	6/28/22	17,850	17,151
Westpac Banking Corp.	2.750%	1/11/23	4,000	3,814
Westpac Banking Corp.	3.650%	5/15/23	7,203	7,183
Brokerage (0.2%)				
Ameriprise Financial Inc.	5.300%	3/15/20	5,415	5,598
BGC Partners Inc.	5.375%	12/9/19	1,700	1,732
BGC Partners Inc.	5.125%	5/27/21	1,675	1,721
BlackRock Inc.	5.000%	12/10/19	11,009	11,336
BlackRock Inc.	4.250%	5/24/21	5,775	5,961
BlackRock Inc.	3.375%	6/1/22	2,275	2,283
Charles Schwab Corp.	4.450%	7/22/20	2,580	2,650

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Charles Schwab Corp.	3.250%	5/21/21	5,075	5,087
Charles Schwab Corp.	3.225%	9/1/22	2,550	2,531
Charles Schwab Corp.	2.650%	1/25/23	6,557	6,382
E*TRADE Financial Corp.	2.950%	8/24/22	4,450	4,320
Eaton Vance Corp.	3.625%	6/15/23	2,350	2,356
Intercontinental Exchange Inc.	2.750%	12/1/20	5,421	5,368
Intercontinental Exchange Inc.	2.350%	9/15/22	1,175	1,126
Invesco Finance plc	3.125%	11/30/22	7,325	7,233
Jefferies Group LLC	8.500%	7/15/19	6,325	6,668
Jefferies Group LLC	6.875%	4/15/21	5,972	6,432
Lazard Group LLC	4.250%	11/14/20	3,575	3,644
Nasdaq Inc.	5.550%	1/15/20	4,875	5,036
Nomura Holdings Inc.	6.700%	3/4/20	5,310	5,561
Stifel Financial Corp.	3.500%	12/1/20	7,645	7,637
TD Ameritrade Holding Corp.	5.600%	12/1/19	1,945	2,011
TD Ameritrade Holding Corp.	2.950%	4/1/22	5,308	5,211
Finance Companies (0.4%)				
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	4.250%	7/1/20	6,076	6,144
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	4.625%	10/30/20	8,735	8,910
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	4.500%	5/15/21	9,867	10,064
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	5.000%	10/1/21	6,858	7,072
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	3.950%	2/1/22	3,899	3,880
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	3.500%	5/26/22	3,100	3,030
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	4.625%	7/1/22	3,250	3,311
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	3.300%	1/23/23	4,750	4,560
Air Lease Corp.	2.125%	1/15/20	5,531	5,429
Air Lease Corp.	4.750%	3/1/20	1,449	1,479
Air Lease Corp.	2.500%	3/1/21	3,250	3,164
Air Lease Corp.	3.875%	4/1/21	2,815	2,840
Air Lease Corp.	3.375%	6/1/21	5,526	5,478
Air Lease Corp.	3.750%	2/1/22	4,101	4,096
Air Lease Corp.	2.625%	7/1/22	1,784	1,706
Air Lease Corp.	2.750%	1/15/23	2,130	2,018
Air Lease Corp.	3.875%	7/3/23	3,500	3,464
Aircastle Ltd.	5.125%	3/15/21	1,540	1,573
Aircastle Ltd.	5.000%	4/1/23	5,182	5,214
Ares Capital Corp.	3.875%	1/15/20	3,765	3,777
Ares Capital Corp.	3.625%	1/19/22	1,000	975
Ares Capital Corp.	3.500%	2/10/23	2,190	2,087
FS Investment Corp.	4.000%	7/15/19	3,850	3,852
FS Investment Corp.	4.250%	1/15/20	776	777
GATX Corp.	2.500%	7/30/19	1,870	1,854
GATX Corp.	2.600%	3/30/20	3,375	3,334
GATX Corp.	3.900%	3/30/23	2,825	2,832
GE Capital International Funding Co. Unlimited Co.	2.342%	11/15/20	54,790	53,562
International Lease Finance Corp.	8.250%	12/15/20	11,361	12,525
International Lease Finance Corp.	4.625%	4/15/21	3,517	3,592
International Lease Finance Corp.	8.625%	1/15/22	4,884	5,586
International Lease Finance Corp.	5.875%	8/15/22	6,573	6,976
Insurance (1.0%)				
AEGON Funding Co. LLC	5.750%	12/15/20	3,543	3,732
Aetna Inc.	4.125%	6/1/21	3,225	3,277
Aetna Inc.	2.750%	11/15/22	7,588	7,302
Aetna Inc.	2.800%	6/15/23	8,738	8,289
Aflac Inc.	2.400%	3/16/20	4,475	4,430

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Aflac Inc.	4.000%	2/15/22	1,350	1,379
Alleghany Corp.	5.625%	9/15/20	900	941
Alleghany Corp.	4.950%	6/27/22	3,016	3,162
Alterra Finance LLC	6.250%	9/30/20	5,095	5,375
American International Group Inc.	2.300%	7/16/19	5,440	5,396
American International Group Inc.	3.375%	8/15/20	3,817	3,823
American International Group Inc.	6.400%	12/15/20	7,750	8,303
American International Group Inc.	3.300%	3/1/21	9,930	9,917
American International Group Inc.	4.875%	6/1/22	11,890	12,424
Anthem Inc.	2.250%	8/15/19	6,478	6,413
Anthem Inc.	4.350%	8/15/20	10,655	10,900
Anthem Inc.	2.500%	11/21/20	6,975	6,850
Anthem Inc.	3.700%	8/15/21	3,750	3,778
Anthem Inc.	3.125%	5/15/22	1,546	1,521
Anthem Inc.	2.950%	12/1/22	5,405	5,251
Anthem Inc.	3.300%	1/15/23	11,024	10,750
Aon Corp.	5.000%	9/30/20	4,025	4,155
Aon plc	2.800%	3/15/21	2,823	2,773
Assurant Inc.	4.000%	3/15/23	3,500	3,460
5 AXA Equitable Holdings Inc.	3.900%	4/20/23	10,857	10,766
AXIS Specialty Finance LLC	5.875%	6/1/20	7,463	7,788
Berkshire Hathaway Finance Corp.	1.300%	8/15/19	7,121	7,015
Berkshire Hathaway Finance Corp.	2.900%	10/15/20	8,290	8,309
Berkshire Hathaway Finance Corp.	4.250%	1/15/21	6,359	6,557
Berkshire Hathaway Finance Corp.	3.000%	5/15/22	1,240	1,235
Berkshire Hathaway Inc.	2.100%	8/14/19	11,315	11,237
Berkshire Hathaway Inc.	2.200%	3/15/21	8,289	8,142
Berkshire Hathaway Inc.	3.750%	8/15/21	4,550	4,651
Berkshire Hathaway Inc.	3.400%	1/31/22	5,502	5,556
Berkshire Hathaway Inc.	3.000%	2/11/23	4,875	4,831
Berkshire Hathaway Inc.	2.750%	3/15/23	3,900	3,807
Chubb INA Holdings Inc.	2.300%	11/3/20	16,333	16,003
Chubb INA Holdings Inc.	2.875%	11/3/22	2,550	2,498
Chubb INA Holdings Inc.	2.700%	3/13/23	2,940	2,844
Cigna Corp.	5.125%	6/15/20	4,675	4,843
Cigna Corp.	4.375%	12/15/20	1,675	1,708
Cigna Corp.	4.500%	3/15/21	2,375	2,426
Cigna Corp.	4.000%	2/15/22	3,300	3,342
CNA Financial Corp.	5.875%	8/15/20	2,440	2,565
CNA Financial Corp.	5.750%	8/15/21	5,840	6,174
Coventry Health Care Inc.	5.450%	6/15/21	3,132	3,295
Enstar Group Ltd.	4.500%	3/10/22	2,225	2,217
Fidelity National Financial Inc.	5.500%	9/1/22	35	37
Hartford Financial Services Group Inc.	5.500%	3/30/20	2,729	2,831
Hartford Financial Services Group Inc.	5.125%	4/15/22	7,025	7,410
Humana Inc.	2.625%	10/1/19	4,526	4,502
Humana Inc.	3.150%	12/1/22	775	761
Humana Inc.	2.900%	12/15/22	5,231	5,078
Lincoln National Corp.	6.250%	2/15/20	2,165	2,265
Lincoln National Corp.	4.200%	3/15/22	100	102
Loews Corp.	2.625%	5/15/23	6,860	6,560
Manulife Financial Corp.	4.900%	9/17/20	3,537	3,648
Markel Corp.	4.900%	7/1/22	1,150	1,194
Marsh & McLennan Cos. Inc.	2.350%	9/10/19	7,900	7,859
Marsh & McLennan Cos. Inc.	2.350%	3/6/20	3,304	3,254
Marsh & McLennan Cos. Inc.	4.800%	7/15/21	4,637	4,817
Marsh & McLennan Cos. Inc.	2.750%	1/30/22	7,388	7,212
Marsh & McLennan Cos. Inc.	3.300%	3/14/23	3,900	3,846
MetLife Inc.	4.750%	2/8/21	11,819	12,217
PartnerRe Finance B LLC	5.500%	6/1/20	3,665	3,798
Primerica Inc.	4.750%	7/15/22	2,700	2,767
Principal Financial Group Inc.	3.300%	9/15/22	1,000	988
Principal Financial Group Inc.	3.125%	5/15/23	2,525	2,462
4 Principal Financial Group Inc.	4.700%	5/15/55	4,000	4,005

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Progressive Corp.	3.750%	8/23/21	5,754	5,811
Protective Life Corp.	7.375%	10/15/19	1,652	1,738
Prudential Financial Inc.	2.350%	8/15/19	7,439	7,392
Prudential Financial Inc.	5.375%	6/21/20	5,135	5,349
Prudential Financial Inc.	4.500%	11/15/20	2,300	2,369
Prudential Financial Inc.	4.500%	11/16/21	6,860	7,133
4 Prudential Financial Inc.	5.875%	9/15/42	7,205	7,627
4 Prudential Financial Inc.	5.625%	6/15/43	5,260	5,457
Reinsurance Group of America Inc.	6.450%	11/15/19	2,976	3,104
Reinsurance Group of America Inc.	5.000%	6/1/21	2,947	3,065
Torchmark Corp.	3.800%	9/15/22	63	63
Travelers Cos. Inc.	3.900%	11/1/20	150	152
Trinity Acquisition plc	3.500%	9/15/21	1,150	1,141
UnitedHealth Group Inc.	2.300%	12/15/19	5,281	5,249
UnitedHealth Group Inc.	2.700%	7/15/20	5,800	5,770
UnitedHealth Group Inc.	1.950%	10/15/20	6,519	6,361
UnitedHealth Group Inc.	3.875%	10/15/20	3,795	3,856
UnitedHealth Group Inc.	4.700%	2/15/21	2,700	2,797
UnitedHealth Group Inc.	2.125%	3/15/21	8,920	8,688
UnitedHealth Group Inc.	3.150%	6/15/21	3,500	3,502
UnitedHealth Group Inc.	2.875%	12/15/21	5,995	5,924
UnitedHealth Group Inc.	2.875%	3/15/22	8,823	8,704
UnitedHealth Group Inc.	3.350%	7/15/22	10,831	10,862
UnitedHealth Group Inc.	2.375%	10/15/22	7,790	7,476
UnitedHealth Group Inc.	2.750%	2/15/23	3,950	3,824
UnitedHealth Group Inc.	2.875%	3/15/23	3,875	3,775
UnitedHealth Group Inc.	3.500%	6/15/23	4,850	4,838
Unum Group	5.625%	9/15/20	1,200	1,252
Unum Group	3.000%	5/15/21	3,540	3,477
Willis Towers Watson plc	5.750%	3/15/21	3,046	3,202
WR Berkley Corp.	7.375%	9/15/19	100	105
WR Berkley Corp.	5.375%	9/15/20	100	104
XLIT Ltd.	5.750%	10/1/21	5,282	5,624
Other Finance (0.0%)				
ORIX Corp.	2.900%	7/18/22	3,445	3,346
Real Estate Investment Trusts (0.6%)				
Alexandria Real Estate Equities Inc.	2.750%	1/15/20	2,598	2,579
Alexandria Real Estate Equities Inc.	4.600%	4/1/22	1,344	1,388
Alexandria Real Estate Equities Inc.	3.900%	6/15/23	6,300	6,310
American Campus Communities Operating Partnership LP	3.350%	10/1/20	3,546	3,535
American Campus Communities Operating Partnership LP	3.750%	4/15/23	2,134	2,105
AvalonBay Communities Inc.	3.625%	10/1/20	4,520	4,561
AvalonBay Communities Inc.	3.950%	1/15/21	1,125	1,141
AvalonBay Communities Inc.	2.950%	9/15/22	1,564	1,531
AvalonBay Communities Inc.	2.850%	3/15/23	1,650	1,598
Boston Properties LP	5.875%	10/15/19	1,485	1,537
Boston Properties LP	5.625%	11/15/20	9,135	9,573
Boston Properties LP	4.125%	5/15/21	6,024	6,136
Boston Properties LP	3.850%	2/1/23	6,208	6,241
Brandywine Operating Partnership LP	3.950%	2/15/23	2,475	2,466
Brixmor Operating Partnership LP	3.875%	8/15/22	5,975	5,962
Camden Property Trust	2.950%	12/15/22	3,800	3,687
Corporate Office Properties LP	3.700%	6/15/21	1,970	1,955
Corporate Office Properties LP	3.600%	5/15/23	2,650	2,568
DDR Corp.	4.625%	7/15/22	6,839	7,029
Digital Realty Trust LP	5.875%	2/1/20	2,216	2,294
Digital Realty Trust LP	3.400%	10/1/20	1,760	1,761
Digital Realty Trust LP	5.250%	3/15/21	13,605	14,165
Digital Realty Trust LP	3.950%	7/1/22	4,625	4,672
Digital Realty Trust LP	3.625%	10/1/22	4,625	4,598

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Digital Realty Trust LP	2.750%	2/1/23	1,275	1,215
Duke Realty LP	3.875%	2/15/21	1,000	1,012
Duke Realty LP	3.875%	10/15/22	1,250	1,261
Duke Realty LP	3.625%	4/15/23	1,907	1,886
EPR Properties	5.750%	8/15/22	2,595	2,725
ERP Operating LP	2.375%	7/1/19	6,574	6,523
ERP Operating LP	4.750%	7/15/20	330	339
ERP Operating LP	4.625%	12/15/21	6,401	6,640
ERP Operating LP	3.000%	4/15/23	2,598	2,541
Essex Portfolio LP	5.200%	3/15/21	1,850	1,924
Essex Portfolio LP	3.250%	5/1/23	4,100	3,983
Government Properties Income Trust	4.000%	7/15/22	5,000	4,939
HCP Inc.	2.625%	2/1/20	8,623	8,517
HCP Inc.	5.375%	2/1/21	2,286	2,389
HCP Inc.	3.150%	8/1/22	3,203	3,123
HCP Inc.	4.000%	12/1/22	7,988	8,022
Healthcare Trust of America Holdings LP	3.375%	7/15/21	1,000	996
Healthcare Trust of America Holdings LP	2.950%	7/1/22	4,150	4,004
Healthcare Trust of America Holdings LP	3.700%	4/15/23	1,925	1,901
Highwoods Realty LP	3.200%	6/15/21	2,000	1,965
Hospitality Properties Trust	4.250%	2/15/21	3,205	3,233
Hospitality Properties Trust	5.000%	8/15/22	1,557	1,602
Hospitality Properties Trust	4.500%	6/15/23	2,616	2,640
Host Hotels & Resorts LP	6.000%	10/1/21	2,644	2,813
Host Hotels & Resorts LP	5.250%	3/15/22	2,025	2,111
Host Hotels & Resorts LP	4.750%	3/1/23	1,247	1,275
Kimco Realty Corp.	6.875%	10/1/19	1,210	1,265
Kimco Realty Corp.	3.200%	5/1/21	3,769	3,745
Kimco Realty Corp.	3.400%	11/1/22	2,100	2,071
Kimco Realty Corp.	3.125%	6/1/23	1,450	1,396
Liberty Property LP	4.750%	10/1/20	3,950	4,050
Liberty Property LP	4.125%	6/15/22	2,168	2,204
National Retail Properties Inc.	3.300%	4/15/23	1,610	1,566
Piedmont Operating Partnership LP	3.400%	6/1/23	1,105	1,069
Public Storage	2.370%	9/15/22	4,000	3,841
Realty Income Corp.	3.250%	10/15/22	13,672	13,460
Regency Centers Corp.	3.750%	11/15/22	425	424
Regency Centers LP	4.800%	4/15/21	725	746
Select Income REIT	3.600%	2/1/20	234	233
Simon Property Group LP	2.500%	9/1/20	4,660	4,594
Simon Property Group LP	4.375%	3/1/21	7,260	7,479
Simon Property Group LP	2.500%	7/15/21	2,650	2,590
Simon Property Group LP	4.125%	12/1/21	3,185	3,260
Simon Property Group LP	2.350%	1/30/22	6,474	6,240
Simon Property Group LP	3.375%	3/15/22	1,112	1,111
Simon Property Group LP	2.625%	6/15/22	6,525	6,322
Simon Property Group LP	2.750%	6/1/23	7,855	7,566
SL Green Operating Partnership LP	3.250%	10/15/22	2,350	2,285
SL Green Realty Corp.	7.750%	3/15/20	2,500	2,669
SL Green Realty Corp.	4.500%	12/1/22	1,225	1,245
UDR Inc.	3.700%	10/1/20	6,400	6,420
UDR Inc.	4.625%	1/10/22	225	231
Ventas Realty LP	3.100%	1/15/23	1,460	1,418
Ventas Realty LP	3.125%	6/15/23	6,488	6,288
Ventas Realty LP / Ventas Capital Corp.	2.700%	4/1/20	398	394
Ventas Realty LP / Ventas Capital Corp.	4.750%	6/1/21	6,414	6,615
Ventas Realty LP / Ventas Capital Corp.	4.250%	3/1/22	2,900	2,959
Ventas Realty LP / Ventas Capital Corp.	3.250%	8/15/22	4,773	4,661
VEREIT Operating Partnership LP	4.125%	6/1/21	12,400	12,570
Washington REIT	4.950%	10/1/20	1,700	1,741
Weingarten Realty Investors	3.500%	4/15/23	1,000	983
Welltower Inc.	6.125%	4/15/20	2,802	2,936
Welltower Inc.	4.950%	1/15/21	4,500	4,641
Welltower Inc.	5.250%	1/15/22	525	551

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Welltower Inc.	3.750%	3/15/23	6,275	6,229
				<u>5,862,215</u>
Industrial (14.9%)				
Basic Industry (0.6%)				
Air Products & Chemicals Inc.	4.375%	8/21/19	2,500	2,543
Air Products & Chemicals Inc.	3.000%	11/3/21	1,750	1,739
Airgas Inc.	2.375%	2/15/20	1,300	1,286
ArcelorMittal	5.125%	6/1/20	5,000	5,131
ArcelorMittal	6.250%	2/25/22	3,210	3,415
Barrick Gold Corp.	3.850%	4/1/22	575	584
Barrick North America Finance LLC	4.400%	5/30/21	5,532	5,701
BHP Billiton Finance USA Ltd.	2.875%	2/24/22	5,000	4,932
Cabot Corp.	3.700%	7/15/22	2,815	2,791
Celanese US Holdings LLC	5.875%	6/15/21	3,850	4,071
Celanese US Holdings LLC	4.625%	11/15/22	10	10
Celulosa Arauco y Constitucion SA	7.250%	7/29/19	2,850	2,962
Celulosa Arauco y Constitucion SA	4.750%	1/11/22	8,300	8,426
Domtar Corp.	4.400%	4/1/22	660	672
Dow Chemical Co.	4.250%	11/15/20	4,550	4,646
Dow Chemical Co.	4.125%	11/15/21	13,692	13,950
Dow Chemical Co.	3.000%	11/15/22	7,435	7,241
Eastman Chemical Co.	2.700%	1/15/20	9,617	9,559
Eastman Chemical Co.	4.500%	1/15/21	155	158
Eastman Chemical Co.	3.600%	8/15/22	3,244	3,233
Ecolab Inc.	2.250%	1/12/20	3,220	3,180
Ecolab Inc.	4.350%	12/8/21	5,328	5,502
Ecolab Inc.	2.375%	8/10/22	5,800	5,584
Ecolab Inc.	3.250%	1/14/23	1,500	1,484
El du Pont de Nemours & Co.	4.625%	1/15/20	1,800	1,848
El du Pont de Nemours & Co.	2.200%	5/1/20	16,050	15,833
El du Pont de Nemours & Co.	3.625%	1/15/21	11,322	11,467
El du Pont de Nemours & Co.	4.250%	4/1/21	2,575	2,649
El du Pont de Nemours & Co.	2.800%	2/15/23	9,640	9,341
FMC Corp.	5.200%	12/15/19	2,001	2,051
FMC Corp.	3.950%	2/1/22	3,235	3,244
Goldcorp Inc.	3.625%	6/9/21	8,200	8,189
Goldcorp Inc.	3.700%	3/15/23	2,902	2,855
International Paper Co.	7.500%	8/15/21	3,165	3,525
International Paper Co.	4.750%	2/15/22	7,929	8,216
Kinross Gold Corp.	5.125%	9/1/21	3,090	3,163
LyondellBasell Industries NV	6.000%	11/15/21	11,866	12,697
Methanex Corp.	3.250%	12/15/19	2,568	2,557
Monsanto Co.	2.125%	7/15/19	3,793	3,755
Monsanto Co.	2.750%	7/15/21	2,758	2,689
Monsanto Co.	2.200%	7/15/22	2,150	2,021
Mosaic Co.	3.750%	11/15/21	3,870	3,866
Mosaic Co.	3.250%	11/15/22	5,485	5,327
NewMarket Corp.	4.100%	12/15/22	1,360	1,371
Newmont Mining Corp.	5.125%	10/1/19	2,888	2,952
Newmont Mining Corp.	3.500%	3/15/22	955	949
Nutrien Ltd.	4.875%	3/30/20	1,800	1,836
Nutrien Ltd.	3.150%	10/1/22	5,991	5,834
Nutrien Ltd.	3.500%	6/1/23	7,198	7,044
Packaging Corp. of America	2.450%	12/15/20	5,911	5,800
Packaging Corp. of America	3.900%	6/15/22	1,900	1,919
PPG Industries Inc.	2.300%	11/15/19	9,402	9,328
PPG Industries Inc.	3.600%	11/15/20	6,350	6,415
Praxair Inc.	2.250%	9/24/20	9,600	9,447
Praxair Inc.	4.050%	3/15/21	2,075	2,127
Praxair Inc.	3.000%	9/1/21	3,295	3,279
Praxair Inc.	2.450%	2/15/22	5,109	4,977
Praxair Inc.	2.200%	8/15/22	5,495	5,263
Praxair Inc.	2.700%	2/21/23	2,300	2,237

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Rayonier Inc.	3.750%	4/1/22	1,050	1,045
RPM International Inc.	6.125%	10/15/19	652	676
RPM International Inc.	3.450%	11/15/22	425	419
Sherwin-Williams Co.	2.250%	5/15/20	16,361	16,077
Sherwin-Williams Co.	2.750%	6/1/22	5,618	5,439
Southern Copper Corp.	5.375%	4/16/20	2,602	2,696
Southern Copper Corp.	3.500%	11/8/22	2,025	1,987
Vale Overseas Ltd.	5.875%	6/10/21	6,945	7,336
Vale Overseas Ltd.	4.375%	1/11/22	9,998	10,135
WestRock RKT Co.	3.500%	3/1/20	2,729	2,734
Weyerhaeuser Co.	7.375%	10/1/19	75	79
Weyerhaeuser Co.	4.700%	3/15/21	5,010	5,168
Capital Goods (1.5%)				
3M Co.	2.000%	8/7/20	3,475	3,410
3M Co.	1.625%	9/19/21	5,685	5,443
3M Co.	2.000%	6/26/22	3,240	3,119
3M Co.	2.250%	3/15/23	5,175	4,963
ABB Finance USA Inc.	2.800%	4/3/20	100	100
ABB Finance USA Inc.	2.875%	5/8/22	7,018	6,878
ABB Finance USA Inc.	3.375%	4/3/23	200	200
Acuity Brands Lighting Inc.	6.000%	12/15/19	675	702
Bemis Co. Inc.	6.800%	8/1/19	500	519
Bemis Co. Inc.	4.500%	10/15/21	2,800	2,873
Boeing Capital Corp.	4.700%	10/27/19	6,775	6,946
Boeing Co.	4.875%	2/15/20	6,095	6,279
Boeing Co.	1.650%	10/30/20	4,830	4,686
Boeing Co.	8.750%	8/15/21	1,000	1,164
Boeing Co.	2.350%	10/30/21	8,950	8,794
Boeing Co.	2.125%	3/1/22	4,150	4,025
Boeing Co.	2.800%	3/1/23	4,950	4,864
Carlisle Cos. Inc.	3.750%	11/15/22	2,650	2,646
Caterpillar Financial Services Corp.	2.000%	11/29/19	5,500	5,440
Caterpillar Financial Services Corp.	2.250%	12/1/19	5,341	5,292
Caterpillar Financial Services Corp.	2.100%	1/10/20	1,300	1,286
Caterpillar Financial Services Corp.	2.000%	3/5/20	6,220	6,129
Caterpillar Financial Services Corp.	2.950%	5/15/20	30	30
Caterpillar Financial Services Corp.	1.850%	9/4/20	17,018	16,605
Caterpillar Financial Services Corp.	2.500%	11/13/20	3,500	3,446
Caterpillar Financial Services Corp.	1.700%	8/9/21	11,200	10,716
Caterpillar Financial Services Corp.	2.750%	8/20/21	350	346
Caterpillar Financial Services Corp.	1.931%	10/1/21	7,650	7,352
Caterpillar Financial Services Corp.	2.850%	6/1/22	3,600	3,558
Caterpillar Financial Services Corp.	2.400%	6/6/22	2,100	2,035
Caterpillar Financial Services Corp.	2.550%	11/29/22	5,275	5,109
Caterpillar Financial Services Corp.	3.450%	5/15/23	5,000	5,015
Caterpillar Inc.	3.900%	5/27/21	8,945	9,146
Caterpillar Inc.	2.600%	6/26/22	7,190	7,013
CNH Industrial Capital LLC	4.375%	11/6/20	5,961	5,976
CNH Industrial Capital LLC	4.875%	4/1/21	4,446	4,563
CNH Industrial Capital LLC	3.875%	10/15/21	2,395	2,365
CNH Industrial Capital LLC	4.375%	4/5/22	4,540	4,585
CRH America Inc.	5.750%	1/15/21	450	472
Deere & Co.	4.375%	10/16/19	225	229
Deere & Co.	2.600%	6/8/22	10,058	9,821
Dover Corp.	4.300%	3/1/21	4,200	4,310
Eaton Corp.	2.750%	11/2/22	13,260	12,877
Embraer SA	5.150%	6/15/22	400	413
Emerson Electric Co.	4.875%	10/15/19	3,220	3,300
Emerson Electric Co.	4.250%	11/15/20	775	794
Emerson Electric Co.	2.625%	12/1/21	4,480	4,385
Emerson Electric Co.	2.625%	2/15/23	2,275	2,199
FLIR Systems Inc.	3.125%	6/15/21	2,325	2,302
Flowserve Corp.	3.500%	9/15/22	4,625	4,534

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Fortive Corp.	2.350%	6/15/21	6,400	6,209
Fortune Brands Home & Security Inc.	3.000%	6/15/20	3,000	2,974
General Dynamics Corp.	2.875%	5/11/20	19,000	18,983
General Dynamics Corp.	3.000%	5/11/21	11,000	10,962
General Dynamics Corp.	3.875%	7/15/21	3,805	3,886
General Dynamics Corp.	2.250%	11/15/22	6,632	6,353
General Dynamics Corp.	3.375%	5/15/23	12,059	12,081
General Electric Co.	6.000%	8/7/19	8,458	8,719
General Electric Co.	2.100%	12/11/19	2,925	2,896
General Electric Co.	5.500%	1/8/20	9,876	10,225
General Electric Co.	2.200%	1/9/20	12,636	12,481
General Electric Co.	5.550%	5/4/20	7,556	7,869
General Electric Co.	4.375%	9/16/20	10,548	10,833
General Electric Co.	4.625%	1/7/21	9,036	9,319
General Electric Co.	5.300%	2/11/21	7,712	8,056
General Electric Co.	4.650%	10/17/21	18,503	19,225
General Electric Co.	2.700%	10/9/22	17,216	16,586
General Electric Co.	3.100%	1/9/23	8,325	8,149
Harris Corp.	2.700%	4/27/20	6,563	6,490
Honeywell International Inc.	1.400%	10/30/19	4,000	3,923
Honeywell International Inc.	1.800%	10/30/19	8,300	8,187
Honeywell International Inc.	4.250%	3/1/21	5,100	5,253
Honeywell International Inc.	1.850%	11/1/21	11,875	11,324
Illinois Tool Works Inc.	3.375%	9/15/21	4,075	4,100
Ingersoll-Rand Global Holding Co. Ltd.	4.250%	6/15/23	7,201	7,410
Ingersoll-Rand Luxembourg Finance SA	2.625%	5/1/20	2,115	2,094
John Deere Capital Corp.	2.300%	9/16/19	3,770	3,742
John Deere Capital Corp.	1.250%	10/9/19	8,524	8,361
John Deere Capital Corp.	1.700%	1/15/20	350	344
John Deere Capital Corp.	2.050%	3/10/20	4,200	4,137
John Deere Capital Corp.	2.200%	3/13/20	2,031	2,005
John Deere Capital Corp.	1.950%	6/22/20	4,555	4,452
John Deere Capital Corp.	2.375%	7/14/20	2,500	2,465
John Deere Capital Corp.	2.450%	9/11/20	2,850	2,810
John Deere Capital Corp.	2.350%	1/8/21	50	49
John Deere Capital Corp.	2.550%	1/8/21	2,250	2,222
John Deere Capital Corp.	2.800%	3/4/21	3,000	2,973
John Deere Capital Corp.	2.875%	3/12/21	3,700	3,679
John Deere Capital Corp.	3.900%	7/12/21	3,585	3,661
John Deere Capital Corp.	3.150%	10/15/21	175	175
John Deere Capital Corp.	2.650%	1/6/22	6,602	6,469
John Deere Capital Corp.	2.750%	3/15/22	255	251
John Deere Capital Corp.	2.150%	9/8/22	5,650	5,368
John Deere Capital Corp.	2.700%	1/6/23	7,950	7,748
John Deere Capital Corp.	2.800%	1/27/23	6,800	6,619
John Deere Capital Corp.	2.800%	3/6/23	14,503	14,140
John Deere Capital Corp.	3.450%	6/7/23	2,480	2,483
Johnson Controls International plc	5.000%	3/30/20	1,575	1,622
Johnson Controls International plc	4.250%	3/1/21	4,364	4,462
Johnson Controls International plc	3.750%	12/1/21	1,377	1,387
Kennametal Inc.	2.650%	11/1/19	3,460	3,460
Kennametal Inc.	3.875%	2/15/22	575	572
L3 Technologies Inc.	4.950%	2/15/21	4,116	4,229
L3 Technologies Inc.	3.850%	6/15/23	7,400	7,382
Lockheed Martin Corp.	4.250%	11/15/19	6,141	6,255
Lockheed Martin Corp.	2.500%	11/23/20	14,140	13,954
Lockheed Martin Corp.	3.350%	9/15/21	4,283	4,309
Lockheed Martin Corp.	3.100%	1/15/23	2,288	2,258
Masco Corp.	7.125%	3/15/20	534	566
Masco Corp.	3.500%	4/1/21	2,710	2,703
Masco Corp.	5.950%	3/15/22	823	878
Mohawk Industries Inc.	3.850%	2/1/23	4,325	4,357
Northrop Grumman Corp.	5.050%	8/1/19	200	205
Northrop Grumman Corp.	2.080%	10/15/20	10,203	9,972

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Northrop Grumman Corp.	3.500%	3/15/21	5,951	6,004
Northrop Grumman Corp.	2.550%	10/15/22	2,358	2,273
5 Nvent Finance Sarl	3.950%	4/15/23	1,000	990
Owens Corning	4.200%	12/15/22	3,227	3,236
Precision Castparts Corp.	2.250%	6/15/20	7,250	7,151
Precision Castparts Corp.	2.500%	1/15/23	4,910	4,745
Raytheon Co.	4.400%	2/15/20	3,400	3,479
Raytheon Co.	3.125%	10/15/20	6,382	6,392
Raytheon Co.	2.500%	12/15/22	6,613	6,416
Republic Services Inc.	5.500%	9/15/19	5,665	5,829
Republic Services Inc.	5.000%	3/1/20	8,208	8,456
Republic Services Inc.	5.250%	11/15/21	7,229	2,893
Republic Services Inc.	3.550%	6/1/22	4,127	4,143
Republic Services Inc.	4.750%	5/15/23	1,663	1,743
Rockwell Automation Inc.	2.050%	3/1/20	5,850	5,749
Rockwell Collins Inc.	1.950%	7/15/19	3,325	3,288
Rockwell Collins Inc.	2.800%	3/15/22	5,362	5,209
Roper Technologies Inc.	6.250%	9/1/19	2,095	2,170
Roper Technologies Inc.	3.000%	12/15/20	5,387	5,355
Roper Technologies Inc.	2.800%	12/15/21	7,751	7,538
Roper Technologies Inc.	3.125%	11/15/22	5,912	5,796
Spirit AeroSystems Inc.	3.950%	6/15/23	5,150	5,176
Stanley Black & Decker Inc.	3.400%	12/1/21	3,000	3,003
Stanley Black & Decker Inc.	2.900%	11/1/22	3,580	3,514
United Technologies Corp.	1.500%	11/1/19	6,400	6,288
United Technologies Corp.	1.900%	5/4/20	6,285	6,161
United Technologies Corp.	1.950%	11/1/21	6,540	6,263
United Technologies Corp.	3.100%	6/1/22	14,371	14,140
Waste Management Inc.	4.750%	6/30/20	4,972	5,129
Waste Management Inc.	4.600%	3/1/21	2,678	2,765
Waste Management Inc.	2.900%	9/15/22	5,661	5,550
Waste Management Inc.	2.400%	5/15/23	852	810
Xylem Inc.	4.875%	10/1/21	5,183	5,410
Communication (1.7%)				
21st Century Fox America Inc.	5.650%	8/15/20	6,333	6,638
21st Century Fox America Inc.	4.500%	2/15/21	6,225	6,396
21st Century Fox America Inc.	3.000%	9/15/22	7,225	7,070
Activision Blizzard Inc.	2.300%	9/15/21	8,793	8,495
America Movil SAB de CV	5.000%	10/16/19	5,200	5,317
America Movil SAB de CV	5.000%	3/30/20	16,428	16,842
America Movil SAB de CV	3.125%	7/16/22	11,828	11,613
American Tower Corp.	2.800%	6/1/20	6,709	6,634
American Tower Corp.	5.050%	9/1/20	4,573	4,726
American Tower Corp.	3.300%	2/15/21	5,570	5,562
American Tower Corp.	3.450%	9/15/21	6,574	6,549
American Tower Corp.	5.900%	11/1/21	3,929	4,204
American Tower Corp.	2.250%	1/15/22	2,880	2,751
American Tower Corp.	4.700%	3/15/22	3,440	3,548
American Tower Corp.	3.500%	1/31/23	9,052	8,907
American Tower Corp.	3.000%	6/15/23	3,500	3,356
AT&T Inc.	5.875%	10/1/19	8,025	8,296
AT&T Inc.	5.200%	3/15/20	11,356	11,731
AT&T Inc.	2.450%	6/30/20	23,387	23,014
AT&T Inc.	4.600%	2/15/21	5,207	5,344
AT&T Inc.	2.800%	2/17/21	15,713	15,457
AT&T Inc.	5.000%	3/1/21	10,094	10,484
AT&T Inc.	4.450%	5/15/21	7,532	7,712
AT&T Inc.	3.875%	8/15/21	8,854	8,932
AT&T Inc.	3.000%	2/15/22	11,021	10,750
AT&T Inc.	3.200%	3/1/22	8,855	8,686
AT&T Inc.	3.800%	3/15/22	6,485	6,484
AT&T Inc.	3.000%	6/30/22	19,875	19,282
AT&T Inc.	3.600%	2/17/23	7,750	7,629

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
CBS Corp.	2.300%	8/15/19	5,850	5,799
CBS Corp.	4.300%	2/15/21	1,800	1,836
CBS Corp.	3.375%	3/1/22	5,075	5,012
CBS Corp.	2.500%	2/15/23	3,500	3,286
5 CBS Corp.	2.900%	6/1/23	2,225	2,122
CC Holdings GS V LLC / Crown Castle GS III Corp.	3.849%	4/15/23	13,860	13,696
Charter Communications Operating LLC / Charter Communications Operating Capital	3.579%	7/23/20	17,401	17,351
Charter Communications Operating LLC / Charter Communications Operating Capital	4.464%	7/23/22	25,416	25,604
Comcast Cable Communications Holdings Inc.	9.455%	11/15/22	5,639	6,930
Comcast Corp.	5.700%	7/1/19	2,195	2,252
Comcast Corp.	5.150%	3/1/20	11,609	11,988
Comcast Corp.	1.625%	1/15/22	4,788	4,489
Comcast Corp.	3.125%	7/15/22	4,124	4,048
Comcast Corp.	2.750%	3/1/23	7,200	6,921
Crown Castle International Corp.	3.400%	2/15/21	6,385	6,378
Crown Castle International Corp.	2.250%	9/1/21	7,601	7,298
Crown Castle International Corp.	4.875%	4/15/22	7,091	7,313
Crown Castle International Corp.	5.250%	1/15/23	12,586	13,172
Deutsche Telekom International Finance BV	6.000%	7/8/19	4,525	4,661
Discovery Communications LLC	5.625%	8/15/19	2,460	2,527
Discovery Communications LLC	2.200%	9/20/19	3,755	3,714
5 Discovery Communications LLC	2.750%	11/15/19	5,230	5,197
5 Discovery Communications LLC	2.800%	6/15/20	3,752	3,711
Discovery Communications LLC	4.375%	6/15/21	1,458	1,491
Discovery Communications LLC	3.300%	5/15/22	4,529	4,449
5 Discovery Communications LLC	3.500%	6/15/22	3,325	3,293
Discovery Communications LLC	2.950%	3/20/23	15,145	14,428
Electronic Arts Inc.	3.700%	3/1/21	4,525	4,564
Interpublic Group of Cos. Inc.	3.750%	2/15/23	2,750	2,730
Moody's Corp.	2.750%	7/15/19	7,201	7,187
Moody's Corp.	5.500%	9/1/20	3,454	3,623
Moody's Corp.	3.250%	6/7/21	4,000	3,992
Moody's Corp.	2.750%	12/15/21	3,811	3,723
Moody's Corp.	4.500%	9/1/22	625	646
Moody's Corp.	2.625%	1/15/23	2,373	2,272
NBCUniversal Media LLC	5.150%	4/30/20	19,724	20,377
NBCUniversal Media LLC	4.375%	4/1/21	15,890	16,273
NBCUniversal Media LLC	2.875%	1/15/23	12,304	11,739
Omnicom Group Inc.	6.250%	7/15/19	3,535	3,651
Omnicom Group Inc.	4.450%	8/15/20	9,335	9,557
Omnicom Group Inc.	3.625%	5/1/22	8,675	8,623
Orange SA	5.375%	7/8/19	4,240	4,330
Orange SA	1.625%	11/3/19	9,777	9,602
Orange SA	4.125%	9/14/21	7,194	7,356
RELX Capital Inc.	3.125%	10/15/22	3,907	3,824
RELX Capital Inc.	3.500%	3/16/23	8,000	7,950
Rogers Communications Inc.	3.000%	3/15/23	3,600	3,518
S&P Global Inc.	3.300%	8/14/20	5,025	5,033
Telefonica Emisiones SAU	5.877%	7/15/19	1,475	1,517
Telefonica Emisiones SAU	5.134%	4/27/20	10,158	10,486
Telefonica Emisiones SAU	5.462%	2/16/21	20,822	21,833
Thomson Reuters Corp.	4.700%	10/15/19	375	382
Thomson Reuters Corp.	3.950%	9/30/21	6,129	6,184
Time Warner Cable LLC	5.000%	2/1/20	8,260	8,434
Time Warner Cable LLC	4.125%	2/15/21	5,495	5,530
Time Warner Cable LLC	4.000%	9/1/21	10,029	10,041
Time Warner Entertainment Co. LP	8.375%	3/15/23	5,901	6,897
Time Warner Inc.	4.875%	3/15/20	13,945	14,303
Time Warner Inc.	4.700%	1/15/21	5,963	6,146
Time Warner Inc.	4.750%	3/29/21	6,147	6,344
Time Warner Inc.	4.000%	1/15/22	3,000	3,036
Time Warner Inc.	3.400%	6/15/22	3,500	3,442

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Verizon Communications Inc.	2.625%	2/21/20	7,218	7,175
Verizon Communications Inc.	3.450%	3/15/21	7,163	7,189
Verizon Communications Inc.	4.600%	4/1/21	10,507	10,875
Verizon Communications Inc.	1.750%	8/15/21	6,675	6,374
Verizon Communications Inc.	3.000%	11/1/21	9,912	9,762
Verizon Communications Inc.	3.500%	11/1/21	11,933	11,979
Verizon Communications Inc.	3.125%	3/16/22	19,708	19,424
Verizon Communications Inc.	2.450%	11/1/22	8,075	7,705
Verizon Communications Inc.	5.150%	9/15/23	6,000	6,387
Viacom Inc.	5.625%	9/15/19	4,000	4,104
Viacom Inc.	3.875%	12/15/21	6,156	6,142
Vodafone Group plc	4.375%	3/16/21	3,330	3,421
Vodafone Group plc	2.500%	9/26/22	7,231	6,912
Vodafone Group plc	2.950%	2/19/23	11,623	11,220
Vodafone Group plc	3.750%	1/16/24	2,000	1,982
Walt Disney Co.	0.875%	7/12/19	3,450	3,386
Walt Disney Co.	1.950%	3/4/20	5,215	5,129
Walt Disney Co.	1.800%	6/5/20	8,983	8,782
Walt Disney Co.	2.150%	9/17/20	5,750	5,636
Walt Disney Co.	2.300%	2/12/21	5,489	5,380
Walt Disney Co.	3.750%	6/1/21	3,991	4,055
Walt Disney Co.	2.750%	8/16/21	5,475	5,400
Walt Disney Co.	2.550%	2/15/22	1,650	1,610
Walt Disney Co.	2.450%	3/4/22	3,050	2,959
Walt Disney Co.	2.350%	12/1/22	250	240
WPP Finance 2010	4.750%	11/21/21	9,860	10,144
WPP Finance 2010	3.625%	9/7/22	1,295	1,269
Consumer Cyclical (2.1%)				
Advance Auto Parts Inc.	5.750%	5/1/20	1,190	1,238
Alibaba Group Holding Ltd.	2.500%	11/28/19	16,250	16,129
Alibaba Group Holding Ltd.	3.125%	11/28/21	10,350	10,243
Amazon.com Inc.	2.600%	12/5/19	10,731	10,722
Amazon.com Inc.	1.900%	8/21/20	1,250	1,224
Amazon.com Inc.	1.900%	8/21/20	7,200	7,050
Amazon.com Inc.	3.300%	12/5/21	6,825	6,877
Amazon.com Inc.	2.500%	11/29/22	7,696	7,478
Amazon.com Inc.	2.400%	2/22/23	7,100	6,838
American Honda Finance Corp.	1.200%	7/12/19	8,088	7,957
American Honda Finance Corp.	2.250%	8/15/19	7,252	7,212
American Honda Finance Corp.	2.000%	11/13/19	6,300	6,228
American Honda Finance Corp.	2.000%	2/14/20	5,908	5,822
American Honda Finance Corp.	2.150%	3/13/20	2,750	2,714
American Honda Finance Corp.	1.950%	7/20/20	4,770	4,664
American Honda Finance Corp.	2.450%	9/24/20	9,271	9,145
American Honda Finance Corp.	2.650%	2/12/21	4,400	4,363
American Honda Finance Corp.	1.650%	7/12/21	6,979	6,667
American Honda Finance Corp.	1.700%	9/9/21	7,228	6,918
American Honda Finance Corp.	2.600%	11/16/22	4,300	4,191
Aptiv plc	3.150%	11/19/20	3,550	3,524
Automatic Data Processing Inc.	2.250%	9/15/20	8,563	8,450
AutoNation Inc.	5.500%	2/1/20	1,623	1,671
AutoNation Inc.	3.350%	1/15/21	5,650	5,638
AutoZone Inc.	4.000%	11/15/20	725	736
AutoZone Inc.	2.500%	4/15/21	900	879
AutoZone Inc.	3.700%	4/15/22	1,516	1,525
Best Buy Co. Inc.	5.500%	3/15/21	1,650	1,726
Block Financial LLC	4.125%	10/1/20	6,000	6,050
Block Financial LLC	5.500%	11/1/22	2,500	2,584
Booking Holdings Inc.	2.750%	3/15/23	5,045	4,852
BorgWarner Inc.	4.625%	9/15/20	450	461
Carnival Corp.	3.950%	10/15/20	2,685	2,726
Costco Wholesale Corp.	1.700%	12/15/19	8,728	8,603
Costco Wholesale Corp.	1.750%	2/15/20	3,533	3,476

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Costco Wholesale Corp.	2.150%	5/18/21	8,145	7,966
Costco Wholesale Corp.	2.250%	2/15/22	2,483	2,409
Costco Wholesale Corp.	2.300%	5/18/22	8,637	8,379
Dollar General Corp.	3.250%	4/15/23	8,360	8,202
Dollar Tree Inc.	3.700%	5/15/23	2,825	2,803
DR Horton Inc.	2.550%	12/1/20	7,283	7,147
DR Horton Inc.	4.375%	9/15/22	733	749
DR Horton Inc.	4.750%	2/15/23	2,850	2,944
eBay Inc.	2.200%	8/1/19	7,612	7,554
eBay Inc.	2.150%	6/5/20	5,300	5,207
eBay Inc.	3.250%	10/15/20	700	700
eBay Inc.	2.875%	8/1/21	5,125	5,042
eBay Inc.	3.800%	3/9/22	5,402	5,453
eBay Inc.	2.600%	7/15/22	7,603	7,314
eBay Inc.	2.750%	1/30/23	7,284	6,994
Expedia Group Inc.	5.950%	8/15/20	5,722	6,017
Ford Motor Credit Co. LLC	1.897%	8/12/19	2,950	2,909
Ford Motor Credit Co. LLC	2.597%	11/4/19	9,371	9,287
Ford Motor Credit Co. LLC	2.681%	1/9/20	9,800	9,708
Ford Motor Credit Co. LLC	8.125%	1/15/20	5,450	5,832
Ford Motor Credit Co. LLC	2.459%	3/27/20	7,290	7,170
Ford Motor Credit Co. LLC	3.157%	8/4/20	7,167	7,115
Ford Motor Credit Co. LLC	2.343%	11/2/20	7,400	7,205
Ford Motor Credit Co. LLC	3.200%	1/15/21	6,165	6,090
Ford Motor Credit Co. LLC	5.750%	2/1/21	9,225	9,685
Ford Motor Credit Co. LLC	3.336%	3/18/21	16,790	16,636
Ford Motor Credit Co. LLC	5.875%	8/2/21	11,145	11,803
Ford Motor Credit Co. LLC	3.219%	1/9/22	3,646	3,562
Ford Motor Credit Co. LLC	3.339%	3/28/22	15,450	15,116
Ford Motor Credit Co. LLC	2.979%	8/3/22	7,900	7,583
Ford Motor Credit Co. LLC	4.250%	9/20/22	9,585	9,645
General Motors Financial Co. Inc.	3.500%	7/10/19	11,875	11,928
General Motors Financial Co. Inc.	2.350%	10/4/19	1,880	1,863
General Motors Financial Co. Inc.	3.150%	1/15/20	6,270	6,257
General Motors Financial Co. Inc.	2.650%	4/13/20	2,975	2,937
General Motors Financial Co. Inc.	3.200%	7/13/20	22,899	22,786
General Motors Financial Co. Inc.	2.450%	11/6/20	7,291	7,118
General Motors Financial Co. Inc.	3.700%	11/24/20	7,526	7,563
General Motors Financial Co. Inc.	4.200%	3/1/21	11,389	11,548
General Motors Financial Co. Inc.	3.550%	4/9/21	7,540	7,513
General Motors Financial Co. Inc.	3.200%	7/6/21	12,813	12,613
General Motors Financial Co. Inc.	4.375%	9/25/21	16,154	16,445
General Motors Financial Co. Inc.	3.450%	1/14/22	12,388	12,207
General Motors Financial Co. Inc.	3.450%	4/10/22	13,917	13,677
General Motors Financial Co. Inc.	3.150%	6/30/22	5,563	5,405
General Motors Financial Co. Inc.	3.250%	1/5/23	1,175	1,135
General Motors Financial Co. Inc.	3.700%	5/9/23	8,565	8,413
General Motors Financial Co. Inc.	4.250%	5/15/23	6,521	6,533
General Motors Financial Co. Inc.	4.150%	6/19/23	5,400	5,391
Home Depot Inc.	1.800%	6/5/20	4,000	3,927
Home Depot Inc.	3.950%	9/15/20	1,300	1,326
Home Depot Inc.	2.000%	4/1/21	11,862	11,568
Home Depot Inc.	4.400%	4/1/21	7,533	7,787
Home Depot Inc.	2.625%	6/1/22	8,969	8,802
Home Depot Inc.	2.700%	4/1/23	5,950	5,801
JD.com Inc.	3.125%	4/29/21	3,700	3,602
Kohl's Corp.	4.000%	11/1/21	2,413	2,437
Kohl's Corp.	3.250%	2/1/23	1,360	1,318
Lowe's Cos. Inc.	4.625%	4/15/20	7,850	8,028
Lowe's Cos. Inc.	3.750%	4/15/21	4,825	4,910
Lowe's Cos. Inc.	3.800%	11/15/21	1,670	1,701
Lowe's Cos. Inc.	3.120%	4/15/22	3,814	3,804
Macy's Retail Holdings Inc.	3.450%	1/15/21	3,050	3,033
Macy's Retail Holdings Inc.	3.875%	1/15/22	800	794

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Macy's Retail Holdings Inc.	2.875%	2/15/23	9,425	8,859
Marriott International Inc.	3.375%	10/15/20	3,876	3,871
Marriott International Inc.	2.875%	3/1/21	1,625	1,603
Marriott International Inc.	3.125%	10/15/21	3,725	3,684
Marriott International Inc.	2.300%	1/15/22	2,815	2,699
Marriott International Inc.	3.250%	9/15/22	3,725	3,674
Mastercard Inc.	2.000%	11/21/21	4,900	4,746
McDonald's Corp.	2.200%	5/26/20	5,502	5,428
McDonald's Corp.	3.500%	7/15/20	2,749	2,777
McDonald's Corp.	2.750%	12/9/20	9,011	8,947
McDonald's Corp.	3.625%	5/20/21	6,118	6,195
McDonald's Corp.	2.625%	1/15/22	9,909	9,713
McDonald's Corp.	3.350%	4/1/23	1,300	1,298
Nordstrom Inc.	4.750%	5/1/20	2,825	2,889
Nordstrom Inc.	4.000%	10/15/21	2,004	2,021
NVR Inc.	3.950%	9/15/22	2,762	2,784
O'Reilly Automotive Inc.	4.875%	1/14/21	2,435	2,514
O'Reilly Automotive Inc.	4.625%	9/15/21	2,185	2,253
O'Reilly Automotive Inc.	3.850%	6/15/23	6,633	6,659
PACCAR Financial Corp.	1.950%	2/27/20	275	271
PACCAR Financial Corp.	2.500%	8/14/20	2,000	1,982
PACCAR Financial Corp.	2.050%	11/13/20	3,000	2,940
PACCAR Financial Corp.	2.250%	2/25/21	2,725	2,666
PACCAR Financial Corp.	2.800%	3/1/21	2,000	1,985
PACCAR Financial Corp.	1.650%	8/11/21	75	72
PACCAR Financial Corp.	2.300%	8/10/22	3,200	3,093
QVC Inc.	5.125%	7/2/22	150	154
QVC Inc.	4.375%	3/15/23	8,679	8,581
Ralph Lauren Corp.	2.625%	8/18/20	1,902	1,881
Royal Caribbean Cruises Ltd.	2.650%	11/28/20	1,803	1,776
Royal Caribbean Cruises Ltd.	5.250%	11/15/22	4,775	5,020
Starbucks Corp.	2.200%	11/22/20	4,261	4,163
Starbucks Corp.	2.100%	2/4/21	9,076	8,820
Starbucks Corp.	2.700%	6/15/22	2,575	2,501
Starbucks Corp.	3.100%	3/1/23	7,340	7,195
Tapestry Inc.	3.000%	7/15/22	2,800	2,714
Target Corp.	3.875%	7/15/20	1,000	1,019
Target Corp.	2.900%	1/15/22	7,353	7,325
TJX Cos. Inc.	2.750%	6/15/21	6,005	5,952
TJX Cos. Inc.	2.500%	5/15/23	1,575	1,524
Toyota Motor Credit Corp.	2.125%	7/18/19	10,298	10,236
Toyota Motor Credit Corp.	1.550%	10/18/19	9,650	9,506
Toyota Motor Credit Corp.	2.200%	1/10/20	5,500	5,442
Toyota Motor Credit Corp.	2.150%	3/12/20	12,035	11,890
Toyota Motor Credit Corp.	1.950%	4/17/20	8,731	8,573
Toyota Motor Credit Corp.	4.500%	6/17/20	2,000	2,057
Toyota Motor Credit Corp.	4.250%	1/11/21	3,025	3,111
Toyota Motor Credit Corp.	1.900%	4/8/21	10,975	10,613
Toyota Motor Credit Corp.	2.950%	4/13/21	12,000	11,925
Toyota Motor Credit Corp.	2.750%	5/17/21	4,330	4,282
Toyota Motor Credit Corp.	3.400%	9/15/21	7,515	7,577
Toyota Motor Credit Corp.	2.600%	1/11/22	8,540	8,363
Toyota Motor Credit Corp.	3.300%	1/12/22	1,137	1,140
Toyota Motor Credit Corp.	2.150%	9/8/22	9,800	9,247
Toyota Motor Credit Corp.	2.700%	1/11/23	5,000	4,859
VF Corp.	3.500%	9/1/21	2,000	2,022
Visa Inc.	2.200%	12/14/20	26,490	26,047
Visa Inc.	2.150%	9/15/22	5,889	5,638
Visa Inc.	2.800%	12/14/22	19,657	19,283
Walgreens Boots Alliance Inc.	2.700%	11/18/19	6,890	6,872
Walgreens Boots Alliance Inc.	3.300%	11/18/21	19,114	18,978
Walmart Inc.	1.750%	10/9/19	9,519	9,417
Walmart Inc.	2.850%	6/23/20	9,500	9,523
Walmart Inc.	3.250%	10/25/20	13,097	13,232

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Walmart Inc.	1.900%	12/15/20	20,335	19,940
Walmart Inc.	3.125%	6/23/21	11,400	11,452
Walmart Inc.	2.350%	12/15/22	7,987	7,710
Walmart Inc.	2.550%	4/11/23	16,206	15,650
Walmart Inc.	3.400%	6/26/23	16,755	16,868
Western Union Co.	5.253%	4/1/20	200	206
Western Union Co.	3.600%	3/15/22	6,850	6,774
Western Union Co.	4.250%	6/9/23	1,000	996
Wyndham Destinations Inc.	3.900%	3/1/23	1,200	1,125
Consumer Noncyclical (4.2%)				
Abbott Laboratories	2.000%	3/15/20	5,780	5,680
Abbott Laboratories	4.125%	5/27/20	6,075	6,183
Abbott Laboratories	2.800%	9/15/20	4,000	3,969
Abbott Laboratories	2.900%	11/30/21	20,622	20,302
Abbott Laboratories	2.550%	3/15/22	5,205	5,039
Abbott Laboratories	3.250%	4/15/23	5,910	5,832
AbbVie Inc.	2.500%	5/14/20	29,424	29,062
AbbVie Inc.	2.300%	5/14/21	13,210	12,829
AbbVie Inc.	2.900%	11/6/22	28,387	27,558
AbbVie Inc.	3.200%	11/6/22	10,304	10,126
AbbVie Inc.	2.850%	5/14/23	7,491	7,212
Actavis Inc.	3.250%	10/1/22	8,915	8,662
Agilent Technologies Inc.	5.000%	7/15/20	3,707	3,827
Agilent Technologies Inc.	3.200%	10/1/22	2,975	2,916
Allergan Funding SCS	3.000%	3/12/20	24,501	24,385
Allergan Funding SCS	3.450%	3/15/22	21,190	20,847
Allergan Inc.	3.375%	9/15/20	3,000	2,997
Altria Group Inc.	9.250%	8/6/19	7,488	7,994
Altria Group Inc.	2.625%	1/14/20	9,865	9,805
Altria Group Inc.	4.750%	5/5/21	13,295	13,807
Altria Group Inc.	2.850%	8/9/22	14,240	13,904
Altria Group Inc.	2.950%	5/2/23	10	10
AmerisourceBergen Corp.	3.500%	11/15/21	4,195	4,190
Amgen Inc.	2.125%	5/1/20	8,523	8,386
Amgen Inc.	2.200%	5/11/20	8,520	8,385
Amgen Inc.	3.450%	10/1/20	6,166	6,206
Amgen Inc.	4.100%	6/15/21	10,180	10,394
Amgen Inc.	1.850%	8/19/21	5,655	5,407
Amgen Inc.	3.875%	11/15/21	9,355	9,497
Amgen Inc.	2.700%	5/1/22	2,100	2,040
Amgen Inc.	2.650%	5/11/22	7,603	7,376
Amgen Inc.	3.625%	5/15/22	5,720	5,751
Anheuser-Busch InBev Finance Inc.	2.650%	2/1/21	50,082	49,375
Anheuser-Busch InBev Finance Inc.	2.625%	1/17/23	12,050	11,610
Anheuser-Busch InBev Finance Inc.	3.300%	2/1/23	54,477	54,012
Anheuser-Busch InBev Worldwide Inc.	6.875%	11/15/19	8,125	8,559
Anheuser-Busch InBev Worldwide Inc.	4.375%	2/15/21	4,425	4,557
Anheuser-Busch InBev Worldwide Inc.	3.750%	1/15/22	9,285	9,416
Anheuser-Busch InBev Worldwide Inc.	2.500%	7/15/22	24,236	23,338
Archer-Daniels-Midland Co.	4.479%	3/1/21	3,354	3,467
AstraZeneca plc	2.375%	11/16/20	9,832	9,647
AstraZeneca plc	2.375%	6/12/22	9,050	8,697
⁵ BAT Capital Corp.	2.297%	8/14/20	17,700	17,317
⁵ BAT Capital Corp.	2.764%	8/15/22	19,892	19,067
Baxalta Inc.	2.875%	6/23/20	2,976	2,943
Baxalta Inc.	3.600%	6/23/22	3,849	3,806
Baxter International Inc.	1.700%	8/15/21	3,300	3,139
Becton Dickinson & Co.	2.675%	12/15/19	10,510	10,441
Becton Dickinson & Co.	2.404%	6/5/20	7,950	7,803
Becton Dickinson & Co.	3.250%	11/12/20	5,073	5,040
Becton Dickinson & Co.	3.125%	11/8/21	7,290	7,162
Becton Dickinson & Co.	2.894%	6/6/22	14,817	14,341
Bio-Rad Laboratories Inc.	4.875%	12/15/20	3,075	3,176

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Biogen Inc.	2.900%	9/15/20	17,152	17,049
Biogen Inc.	3.625%	9/15/22	3,213	3,214
Boston Scientific Corp.	6.000%	1/15/20	4,616	4,808
Boston Scientific Corp.	2.850%	5/15/20	4,975	4,933
Boston Scientific Corp.	3.375%	5/15/22	3,325	3,288
Bristol-Myers Squibb Co.	2.000%	8/1/22	10,035	9,562
Bunge Ltd. Finance Corp.	3.500%	11/24/20	2,940	2,936
Bunge Ltd. Finance Corp.	3.000%	9/25/22	9,425	9,057
Campbell Soup Co.	3.300%	3/15/21	10,235	10,155
Campbell Soup Co.	3.650%	3/15/23	14,892	14,612
Cardinal Health Inc.	2.400%	11/15/19	75	74
Cardinal Health Inc.	4.625%	12/15/20	3,815	3,919
Cardinal Health Inc.	2.616%	6/15/22	8,856	8,486
Cardinal Health Inc.	3.200%	3/15/23	7,619	7,394
Catholic Health Initiatives Colorado GO	2.950%	11/1/22	2,000	1,933
Celgene Corp.	2.875%	8/15/20	10,767	10,682
Celgene Corp.	3.950%	10/15/20	8,669	8,783
Celgene Corp.	2.875%	2/19/21	2,425	2,408
Celgene Corp.	2.250%	8/15/21	2,000	1,922
Celgene Corp.	3.250%	8/15/22	4,347	4,261
Celgene Corp.	3.550%	8/15/22	7,485	7,430
Celgene Corp.	2.750%	2/15/23	4,090	3,901
Celgene Corp.	3.250%	2/20/23	6,750	6,573
Church & Dwight Co. Inc.	2.450%	12/15/19	5,051	5,024
Church & Dwight Co. Inc.	2.450%	8/1/22	1,700	1,630
Church & Dwight Co. Inc.	2.875%	10/1/22	108	105
Clorox Co.	3.800%	11/15/21	4	4
Clorox Co.	3.050%	9/15/22	4,425	4,371
Coca-Cola Co.	1.875%	10/27/20	8,325	8,132
Coca-Cola Co.	2.450%	11/1/20	8,095	8,023
Coca-Cola Co.	3.150%	11/15/20	6,955	6,994
Coca-Cola Co.	1.550%	9/1/21	7,160	6,856
Coca-Cola Co.	3.300%	9/1/21	12,747	12,859
Coca-Cola Co.	2.200%	5/25/22	3,650	3,542
Coca-Cola Co.	2.500%	4/1/23	4,450	4,313
Coca-Cola European Partners plc	3.500%	9/15/20	4,750	4,755
Coca-Cola Femsa SAB de CV	4.625%	2/15/20	275	281
Colgate-Palmolive Co.	2.450%	11/15/21	2,665	2,625
Colgate-Palmolive Co.	2.300%	5/3/22	2,263	2,207
Colgate-Palmolive Co.	2.250%	11/15/22	5,150	4,984
Colgate-Palmolive Co.	1.950%	2/1/23	3,675	3,492
Colgate-Palmolive Co.	2.100%	5/1/23	2,851	2,709
Conagra Brands Inc.	3.250%	9/15/22	5,200	5,013
Conagra Brands Inc.	3.200%	1/25/23	250	241
Constellation Brands Inc.	2.000%	11/7/19	6,325	6,246
Constellation Brands Inc.	3.875%	11/15/19	3,051	3,085
Constellation Brands Inc.	2.250%	11/6/20	6,750	6,592
Constellation Brands Inc.	3.750%	5/1/21	4,228	4,265
Constellation Brands Inc.	2.700%	5/9/22	6,644	6,421
Constellation Brands Inc.	2.650%	11/7/22	1,000	958
Constellation Brands Inc.	3.200%	2/15/23	4,150	4,033
Constellation Brands Inc.	4.250%	5/1/23	15,766	16,088
Covidien International Finance SA	4.200%	6/15/20	4,475	4,564
Covidien International Finance SA	3.200%	6/15/22	8,204	8,151
CVS Health Corp.	2.250%	8/12/19	3,978	3,935
CVS Health Corp.	3.125%	3/9/20	21,950	21,925
CVS Health Corp.	2.800%	7/20/20	22,638	22,418
CVS Health Corp.	3.350%	3/9/21	22,000	21,935
CVS Health Corp.	2.125%	6/1/21	12,936	12,435
CVS Health Corp.	3.500%	7/20/22	9,550	9,457
CVS Health Corp.	2.750%	12/1/22	5,296	5,078
CVS Health Corp.	4.750%	12/1/22	1,875	1,943
CVS Health Corp.	3.700%	3/9/23	39,395	39,154
Danaher Corp.	2.400%	9/15/20	3,752	3,706

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Diageo Capital plc	3.000%	5/18/20	2,915	2,915
Diageo Capital plc	4.828%	7/15/20	85	88
Diageo Capital plc	2.625%	4/29/23	8,620	8,328
Diageo Investment Corp.	2.875%	5/11/22	11,869	11,678
Dignity Health California GO	2.637%	11/1/19	1,952	1,937
Eli Lilly & Co.	2.350%	5/15/22	2,325	2,262
Estee Lauder Cos. Inc.	1.800%	2/7/20	7,738	7,614
Estee Lauder Cos. Inc.	1.700%	5/10/21	5,475	5,264
Express Scripts Holding Co.	2.600%	11/30/20	8,910	8,731
Express Scripts Holding Co.	3.300%	2/25/21	9,500	9,441
Express Scripts Holding Co.	4.750%	11/15/21	11,316	11,669
Express Scripts Holding Co.	3.900%	2/15/22	9,200	9,247
Express Scripts Holding Co.	3.050%	11/30/22	10,850	10,436
Flowers Foods Inc.	4.375%	4/1/22	2,975	3,050
Fomento Economico Mexicano SAB de CV	2.875%	5/10/23	1,970	1,864
General Mills Inc.	2.200%	10/21/19	3,525	3,484
General Mills Inc.	3.200%	4/16/21	4,000	3,976
General Mills Inc.	3.150%	12/15/21	7,251	7,152
General Mills Inc.	2.600%	10/12/22	4,765	4,552
Gilead Sciences Inc.	2.350%	2/1/20	3,515	3,481
Gilead Sciences Inc.	2.550%	9/1/20	18,558	18,333
Gilead Sciences Inc.	4.500%	4/1/21	8,612	8,882
Gilead Sciences Inc.	4.400%	12/1/21	12,413	12,815
Gilead Sciences Inc.	1.950%	3/1/22	2,250	2,147
Gilead Sciences Inc.	3.250%	9/1/22	7,166	7,124
GlaxoSmithKline Capital Inc.	2.800%	3/18/23	6,325	6,158
GlaxoSmithKline Capital Inc.	3.375%	5/15/23	8,750	8,755
GlaxoSmithKline Capital plc	3.125%	5/14/21	19,589	19,589
GlaxoSmithKline Capital plc	2.850%	5/8/22	7,377	7,247
Hasbro Inc.	3.150%	5/15/21	2,040	2,021
Hershey Co.	2.900%	5/15/20	3,625	3,619
Hershey Co.	4.125%	12/1/20	1,450	1,489
Hershey Co.	3.100%	5/15/21	4,900	4,903
Hershey Co.	2.625%	5/1/23	1,250	1,206
Hershey Co.	3.375%	5/15/23	3,875	3,879
Hillshire Brands Co.	4.100%	9/15/20	673	683
Ingredion Inc.	4.625%	11/1/20	2,100	2,158
JM Smucker Co.	2.200%	12/6/19	1,500	1,482
JM Smucker Co.	2.500%	3/15/20	10,301	10,175
JM Smucker Co.	3.500%	10/15/21	100	100
JM Smucker Co.	3.000%	3/15/22	3,000	2,939
Johnson & Johnson	1.875%	12/5/19	5,302	5,243
Johnson & Johnson	2.950%	9/1/20	3,095	3,111
Johnson & Johnson	1.950%	11/10/20	3,540	3,479
Johnson & Johnson	1.650%	3/1/21	9,890	9,606
Johnson & Johnson	3.550%	5/15/21	3,500	3,565
Johnson & Johnson	2.450%	12/5/21	995	984
Johnson & Johnson	2.250%	3/3/22	5,010	4,899
Johnson & Johnson	2.050%	3/1/23	4,975	4,760
Kaiser Foundation Hospitals	3.500%	4/1/22	1,830	1,846
Kellogg Co.	4.000%	12/15/20	5,663	5,779
Kellogg Co.	3.250%	5/14/21	8,000	8,001
Kimberly-Clark Corp.	3.875%	3/1/21	2,195	2,239
Kimberly-Clark Corp.	2.400%	3/1/22	825	803
Kimberly-Clark Corp.	2.400%	6/1/23	1,675	1,608
Kraft Foods Group Inc.	5.375%	2/10/20	5,770	5,968
Kraft Foods Group Inc.	3.500%	6/6/22	8,166	8,085
Kraft Heinz Foods Co.	2.800%	7/2/20	15,150	15,030
Kraft Heinz Foods Co.	3.375%	6/15/21	5,425	5,433
Kraft Heinz Foods Co.	3.500%	7/15/22	7,935	7,849
Kraft Heinz Foods Co.	4.000%	6/15/23	9,000	8,983
Kroger Co.	1.500%	9/30/19	4,246	4,162
Kroger Co.	6.150%	1/15/20	6,299	6,571

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Kroger Co.	3.300%	1/15/21	8,063	8,043
Kroger Co.	2.600%	2/1/21	2,370	2,323
Kroger Co.	2.950%	11/1/21	300	294
Kroger Co.	3.400%	4/15/22	750	744
Kroger Co.	2.800%	8/1/22	3,975	3,842
Laboratory Corp. of America Holdings	2.625%	2/1/20	900	893
Laboratory Corp. of America Holdings	4.625%	11/15/20	125	129
Laboratory Corp. of America Holdings	3.200%	2/1/22	1,124	1,112
Laboratory Corp. of America Holdings	3.750%	8/23/22	4,317	4,339
Life Technologies Corp.	6.000%	3/1/20	5,305	5,529
Life Technologies Corp.	5.000%	1/15/21	225	233
5 Maple Escrow Subsidiary Inc.	3.551%	5/25/21	9,000	8,994
5 Maple Escrow Subsidiary Inc.	4.057%	5/25/23	14,544	14,598
McCormick & Co. Inc.	3.900%	7/15/21	265	268
McCormick & Co. Inc.	2.700%	8/15/22	3,056	2,954
McKesson Corp.	2.850%	3/15/23	3,480	3,333
Mead Johnson Nutrition Co.	4.900%	11/1/19	1,828	1,873
Mead Johnson Nutrition Co.	3.000%	11/15/20	7,688	7,652
Medco Health Solutions Inc.	4.125%	9/15/20	4,908	4,977
Medtronic Inc.	2.500%	3/15/20	32,716	32,465
Medtronic Inc.	4.125%	3/15/21	2,321	2,373
Medtronic Inc.	3.125%	3/15/22	765	761
Medtronic Inc.	3.150%	3/15/22	19,953	19,806
Medtronic Inc.	2.750%	4/1/23	3,150	3,056
Merck & Co. Inc.	1.850%	2/10/20	8,545	8,415
Merck & Co. Inc.	3.875%	1/15/21	9,550	9,739
Merck & Co. Inc.	2.350%	2/10/22	7,176	6,988
Merck & Co. Inc.	2.400%	9/15/22	7,967	7,720
Merck & Co. Inc.	2.800%	5/18/23	15,010	14,679
Molson Coors Brewing Co.	2.250%	3/15/20	5,823	5,726
Molson Coors Brewing Co.	2.100%	7/15/21	7,625	7,311
Molson Coors Brewing Co.	3.500%	5/1/22	5,928	5,915
Mylan NV	3.750%	12/15/20	1,247	1,253
Mylan NV	3.150%	6/15/21	14,009	13,833
Newell Brands Inc.	2.875%	12/1/19	5,851	5,815
Newell Brands Inc.	3.150%	4/1/21	12,570	12,444
Newell Brands Inc.	3.850%	4/1/23	12,405	12,218
Novartis Capital Corp.	1.800%	2/14/20	10,648	10,479
Novartis Capital Corp.	4.400%	4/24/20	7,135	7,321
Novartis Capital Corp.	2.400%	5/17/22	3,652	3,551
Novartis Capital Corp.	2.400%	9/21/22	10,637	10,302
PepsiCo Inc.	4.500%	1/15/20	1,600	1,642
PepsiCo Inc.	1.850%	4/30/20	9,287	9,117
PepsiCo Inc.	2.150%	10/14/20	19,235	18,929
PepsiCo Inc.	3.125%	11/1/20	4,549	4,572
PepsiCo Inc.	2.000%	4/15/21	9,070	8,840
PepsiCo Inc.	3.000%	8/25/21	5,000	5,001
PepsiCo Inc.	1.700%	10/6/21	10,912	10,434
PepsiCo Inc.	2.750%	3/5/22	5,828	5,763
PepsiCo Inc.	2.250%	5/2/22	5,909	5,714
PepsiCo Inc.	3.100%	7/17/22	2,965	2,958
PepsiCo Inc.	2.750%	3/1/23	9,900	9,669
PerkinElmer Inc.	5.000%	11/15/21	3,000	3,124
Perrigo Finance Unlimited Co.	3.500%	3/15/21	2,603	2,584
Perrigo Finance Unlimited Co.	3.500%	12/15/21	1,169	1,156
Pfizer Inc.	1.700%	12/15/19	13,465	13,280
Pfizer Inc.	5.200%	8/12/20	1,570	1,643
Pfizer Inc.	1.950%	6/3/21	1,205	1,172
Pfizer Inc.	2.200%	12/15/21	11,149	10,843
Pfizer Inc.	3.000%	6/15/23	6,972	6,892
Philip Morris International Inc.	2.000%	2/21/20	7,330	7,212
Philip Morris International Inc.	4.500%	3/26/20	4,551	4,658
Philip Morris International Inc.	1.875%	2/25/21	8,921	8,620

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Philip Morris International Inc.	4.125%	5/17/21	1,920	1,963
Philip Morris International Inc.	2.900%	11/15/21	5,644	5,552
Philip Morris International Inc.	2.625%	2/18/22	4,280	4,167
Philip Morris International Inc.	2.375%	8/17/22	7,239	6,928
Philip Morris International Inc.	2.500%	8/22/22	5,857	5,635
Philip Morris International Inc.	2.500%	11/2/22	8,995	8,635
Philip Morris International Inc.	2.125%	5/10/23	600	560
4 Procter & Gamble - Esop	9.360%	1/1/21	3,204	3,469
Procter & Gamble Co.	1.750%	10/25/19	10,976	10,850
Procter & Gamble Co.	1.900%	11/1/19	4,843	4,796
Procter & Gamble Co.	1.900%	10/23/20	6,775	6,638
Procter & Gamble Co.	1.850%	2/2/21	2,175	2,118
Procter & Gamble Co.	1.700%	11/3/21	7,610	7,316
Procter & Gamble Co.	2.300%	2/6/22	6,172	6,011
Quest Diagnostics Inc.	2.500%	3/30/20	2,990	2,953
Quest Diagnostics Inc.	4.700%	4/1/21	349	360
Reynolds American Inc.	6.875%	5/1/20	2,125	2,255
Reynolds American Inc.	3.250%	6/12/20	9,233	9,215
Reynolds American Inc.	4.000%	6/12/22	4,621	4,651
Sanofi	4.000%	3/29/21	14,945	15,293
Sanofi	3.375%	6/19/23	11,750	11,778
Shire Acquisitions Investments Ireland DAC	1.900%	9/23/19	28,716	28,267
Shire Acquisitions Investments Ireland DAC	2.400%	9/23/21	27,384	26,248
SSM Health Care Corp.	3.688%	6/1/23	2,500	2,509
Stryker Corp.	4.375%	1/15/20	3,585	3,653
Stryker Corp.	2.625%	3/15/21	5,455	5,353
Sysco Corp.	2.600%	10/1/20	1,125	1,110
Sysco Corp.	2.500%	7/15/21	3,025	2,949
Sysco Corp.	2.600%	6/12/22	4,950	4,778
Thermo Fisher Scientific Inc.	4.700%	5/1/20	1,375	1,413
Thermo Fisher Scientific Inc.	4.500%	3/1/21	6,830	7,052
Thermo Fisher Scientific Inc.	3.600%	8/15/21	8,000	8,041
Thermo Fisher Scientific Inc.	3.300%	2/15/22	2,001	1,991
Thermo Fisher Scientific Inc.	3.150%	1/15/23	5,300	5,181
Thermo Fisher Scientific Inc.	3.000%	4/15/23	11,982	11,657
Tupperware Brands Corp.	4.750%	6/1/21	4,378	4,487
Tyson Foods Inc.	2.650%	8/15/19	5,118	5,102
Tyson Foods Inc.	2.250%	8/23/21	7,235	6,963
Tyson Foods Inc.	4.500%	6/15/22	5,985	6,145
Unilever Capital Corp.	1.800%	5/5/20	935	916
Unilever Capital Corp.	2.100%	7/30/20	1,200	1,176
Unilever Capital Corp.	4.250%	2/10/21	6,847	7,032
Unilever Capital Corp.	1.375%	7/28/21	6,525	6,173
Unilever Capital Corp.	2.200%	5/5/22	6,108	5,878
Unilever Capital Corp.	3.125%	3/22/23	3,215	3,193
Whirlpool Corp.	4.850%	6/15/21	2,190	2,269
Whirlpool Corp.	4.700%	6/1/22	2,148	2,228
Zimmer Biomet Holdings Inc.	4.625%	11/30/19	1,275	1,299
Zimmer Biomet Holdings Inc.	2.700%	4/1/20	13,507	13,374
Zimmer Biomet Holdings Inc.	3.150%	4/1/22	4,477	4,377
Zimmer Biomet Holdings Inc.	3.700%	3/19/23	3,390	3,385
Zoetis Inc.	3.450%	11/13/20	3,225	3,234
Zoetis Inc.	3.250%	2/1/23	10,263	10,073
Energy (2.0%)				
Anadarko Petroleum Corp.	4.850%	3/15/21	7,440	7,662
Andeavor Logistics LP / Tesoro Logistics Finance Corp.	5.500%	10/15/19	1,308	1,339
Andeavor Logistics LP / Tesoro Logistics Finance Corp.	3.500%	12/1/22	3,675	3,588
Apache Corp.	3.625%	2/1/21	4,010	4,023
Apache Corp.	3.250%	4/15/22	11,428	11,144
Baker Hughes a GE Co. LLC	3.200%	8/15/21	5,070	5,071
Baker Hughes a GE Co. LLC / Baker Hughes Co-Obligor Inc.	2.773%	12/15/22	11,350	11,026

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Boardwalk Pipelines LP	5.750%	9/15/19	4,260	4,370
Boardwalk Pipelines LP	3.375%	2/1/23	3,178	3,071
BP Capital Markets plc	1.768%	9/19/19	4,947	4,882
BP Capital Markets plc	2.521%	1/15/20	2,917	2,899
BP Capital Markets plc	2.315%	2/13/20	14,649	14,500
BP Capital Markets plc	4.500%	10/1/20	10,813	11,149
BP Capital Markets plc	4.742%	3/11/21	7,250	7,567
BP Capital Markets plc	2.112%	9/16/21	10,175	9,818
BP Capital Markets plc	3.062%	3/17/22	13,785	13,698
BP Capital Markets plc	3.245%	5/6/22	13,346	13,294
BP Capital Markets plc	2.520%	9/19/22	3,000	2,880
BP Capital Markets plc	2.500%	11/6/22	15,384	14,803
BP Capital Markets plc	2.750%	5/10/23	15,524	15,006
Buckeye Partners LP	4.875%	2/1/21	2,610	2,668
Canadian Natural Resources Ltd.	3.450%	11/15/21	110	110
Canadian Natural Resources Ltd.	2.950%	1/15/23	11,100	10,700
Cenovus Energy Inc.	5.700%	10/15/19	14,325	14,683
Cenovus Energy Inc.	3.000%	8/15/22	2,504	2,394
Chevron Corp.	2.193%	11/15/19	16,971	16,810
Chevron Corp.	1.961%	3/3/20	10,489	10,337
Chevron Corp.	1.991%	3/3/20	8,625	8,498
Chevron Corp.	2.427%	6/24/20	12,974	12,871
Chevron Corp.	2.419%	11/17/20	11,317	11,179
Chevron Corp.	2.100%	5/16/21	7,381	7,189
Chevron Corp.	2.411%	3/3/22	1,000	976
Chevron Corp.	2.498%	3/3/22	6,665	6,508
Chevron Corp.	2.355%	12/5/22	12,765	12,205
Chevron Corp.	2.566%	5/16/23	9,492	9,134
Chevron Corp.	3.191%	6/24/23	20,914	20,722
Columbia Pipeline Group Inc.	3.300%	6/1/20	1,098	1,091
Continental Resources Inc.	4.500%	4/15/23	9,000	9,146
Devon Energy Corp.	4.000%	7/15/21	575	583
Devon Energy Corp.	3.250%	5/15/22	11,668	11,413
Dominion Energy Gas Holdings LLC	2.500%	12/15/19	8,628	8,552
Dominion Energy Gas Holdings LLC	2.800%	11/15/20	7,495	7,399
Enbridge Energy Partners LP	4.375%	10/15/20	5,498	5,596
Enbridge Energy Partners LP	4.200%	9/15/21	1,455	1,467
Enbridge Inc.	2.900%	7/15/22	4,620	4,496
Encana Corp.	3.900%	11/15/21	2,550	2,569
Energy Transfer LP	4.150%	10/1/20	7,648	7,735
Energy Transfer LP	4.650%	6/1/21	2,825	2,896
Energy Transfer LP	5.200%	2/1/22	7,275	7,548
Energy Transfer LP	3.600%	2/1/23	7,828	7,633
Energy Transfer Partners LP	4.200%	9/15/23	950	949
Enterprise Products Operating LLC	2.550%	10/15/19	6,426	6,378
Enterprise Products Operating LLC	5.250%	1/31/20	3,536	3,650
Enterprise Products Operating LLC	5.200%	9/1/20	3,199	3,327
Enterprise Products Operating LLC	2.800%	2/15/21	6,150	6,073
Enterprise Products Operating LLC	2.850%	4/15/21	10,000	9,876
Enterprise Products Operating LLC	4.050%	2/15/22	2,672	2,722
Enterprise Products Operating LLC	3.350%	3/15/23	8,967	8,812
4 Enterprise Products Operating LLC	4.875%	8/16/77	1,500	1,422
EOG Resources Inc.	2.450%	4/1/20	3,620	3,573
EOG Resources Inc.	4.100%	2/1/21	9,990	10,195
EOG Resources Inc.	2.625%	3/15/23	4,778	4,594
EQT Corp.	2.500%	10/1/20	2,402	2,343
EQT Corp.	4.875%	11/15/21	1,375	1,418
EQT Corp.	3.000%	10/1/22	1,515	1,455
Exxon Mobil Corp.	1.912%	3/6/20	26,526	26,132
Exxon Mobil Corp.	2.222%	3/1/21	20,492	20,072
Exxon Mobil Corp.	2.397%	3/6/22	4,204	4,110
Halliburton Co.	3.250%	11/15/21	2,806	2,804
Husky Energy Inc.	7.250%	12/15/19	1,500	1,584

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Husky Energy Inc.	3.950%	4/15/22	625	631
Kinder Morgan Energy Partners LP	6.850%	2/15/20	3,850	4,054
Kinder Morgan Energy Partners LP	6.500%	4/1/20	15,115	15,834
Kinder Morgan Energy Partners LP	5.300%	9/15/20	200	208
Kinder Morgan Energy Partners LP	3.500%	3/1/21	7,960	7,941
Kinder Morgan Energy Partners LP	5.800%	3/1/21	2,575	2,710
Kinder Morgan Energy Partners LP	5.000%	10/1/21	6,126	6,355
Kinder Morgan Energy Partners LP	3.950%	9/1/22	597	598
Kinder Morgan Energy Partners LP	3.450%	2/15/23	11,749	11,314
Kinder Morgan Inc.	3.050%	12/1/19	5,719	5,712
Kinder Morgan Inc.	6.500%	9/15/20	2,225	2,365
Kinder Morgan Inc.	3.150%	1/15/23	2,639	2,540
Magellan Midstream Partners LP	6.550%	7/15/19	1,065	1,101
Magellan Midstream Partners LP	4.250%	2/1/21	3	3
Marathon Oil Corp.	2.700%	6/1/20	8,283	8,159
Marathon Oil Corp.	2.800%	11/1/22	22	21
Marathon Petroleum Corp.	3.400%	12/15/20	5,155	5,165
Marathon Petroleum Corp.	5.125%	3/1/21	10,904	11,382
MPLX LP	3.375%	3/15/23	4,603	4,499
Nabors Industries Inc.	9.250%	1/15/19	925	958
National Fuel Gas Co.	4.900%	12/1/21	2,125	2,191
National Fuel Gas Co.	3.750%	3/1/23	2,816	2,778
National Oilwell Varco Inc.	2.600%	12/1/22	15,368	14,600
Noble Energy Inc.	4.150%	12/15/21	15,315	15,566
Occidental Petroleum Corp.	4.100%	2/1/21	12,778	13,079
Occidental Petroleum Corp.	3.125%	2/15/22	7,801	7,772
Occidental Petroleum Corp.	2.600%	4/15/22	3,958	3,860
Occidental Petroleum Corp.	2.700%	2/15/23	3,450	3,347
ONEOK Inc.	4.250%	2/1/22	10,400	10,544
ONEOK Partners LP	3.800%	3/15/20	250	252
ONEOK Partners LP	3.375%	10/1/22	3,762	3,707
Phillips 66	4.300%	4/1/22	15,135	15,592
Phillips 66 Partners LP	2.646%	2/15/20	1,600	1,582
Pioneer Natural Resources Co.	7.500%	1/15/20	4,000	4,253
Pioneer Natural Resources Co.	3.450%	1/15/21	3,885	3,893
Pioneer Natural Resources Co.	3.950%	7/15/22	3,565	3,606
Plains All American Pipeline LP / PAA Finance Corp.	2.600%	12/15/19	4,557	4,506
Plains All American Pipeline LP / PAA Finance Corp.	5.750%	1/15/20	7,110	7,339
Plains All American Pipeline LP / PAA Finance Corp.	5.000%	2/1/21	5,375	5,517
Plains All American Pipeline LP / PAA Finance Corp.	3.650%	6/1/22	1,709	1,679
Regency Energy Partners LP / Regency Energy Finance Corp.	5.750%	9/1/20	4,693	4,875
Regency Energy Partners LP / Regency Energy Finance Corp.	5.875%	3/1/22	9,719	10,278
Regency Energy Partners LP / Regency Energy Finance Corp.	5.000%	10/1/22	4,272	4,400
Sabine Pass Liquefaction LLC	5.625%	2/1/21	25,385	26,559
Sabine Pass Liquefaction LLC	6.250%	3/15/22	8,990	9,664
Sabine Pass Liquefaction LLC	5.625%	4/15/23	6,565	6,942
Shell International Finance BV	1.375%	9/12/19	14,711	14,473
Shell International Finance BV	4.300%	9/22/19	15,250	15,527
Shell International Finance BV	4.375%	3/25/20	13	13
Shell International Finance BV	2.125%	5/11/20	26,297	25,938
Shell International Finance BV	2.250%	11/10/20	9,724	9,567
Shell International Finance BV	1.875%	5/10/21	8,950	8,675
Shell International Finance BV	1.750%	9/12/21	10,450	10,017
Shell International Finance BV	2.375%	8/21/22	12,609	12,212
Sunoco Logistics Partners Operations LP	4.400%	4/1/21	8,800	8,942
Total Capital International SA	2.750%	6/19/21	2,175	2,158
Total Capital International SA	2.875%	2/17/22	8,735	8,636
Total Capital International SA	2.700%	1/25/23	3,175	3,086
Total Capital SA	4.450%	6/24/20	14,429	14,826
Total Capital SA	4.125%	1/28/21	2,975	3,053

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Total Capital SA	4.250%	12/15/21	6,730	6,965
TransCanada PipeLines Ltd.	2.125%	11/15/19	5,490	5,429
TransCanada PipeLines Ltd.	3.800%	10/1/20	3,085	3,124
TransCanada PipeLines Ltd.	2.500%	8/1/22	2,000	1,921
Valero Energy Corp.	6.125%	2/1/20	2,558	2,666
Western Gas Partners LP	5.375%	6/1/21	5,382	5,577
Western Gas Partners LP	4.000%	7/1/22	7,222	7,169
Williams Partners LP	5.250%	3/15/20	20,210	20,817
Williams Partners LP	4.125%	11/15/20	2,596	2,629
Williams Partners LP	4.000%	11/15/21	7,421	7,494
Williams Partners LP	3.600%	3/15/22	3,425	3,408
Williams Partners LP	3.350%	8/15/22	6,059	5,921
Other Industrial (0.0%)				
Cintas Corp. No 2	2.900%	4/1/22	2,550	2,493
Technology (2.4%)				
Adobe Systems Inc.	4.750%	2/1/20	5,734	5,892
Alphabet Inc.	3.625%	5/19/21	3,772	3,853
Amphenol Corp.	2.200%	4/1/20	5,542	5,455
Analog Devices Inc.	2.850%	3/12/20	5,975	5,948
Analog Devices Inc.	2.500%	12/5/21	3,060	2,964
Analog Devices Inc.	2.875%	6/1/23	3,691	3,558
Apple Inc.	1.100%	8/2/19	8,439	8,309
Apple Inc.	1.500%	9/12/19	7,876	7,779
Apple Inc.	1.800%	11/13/19	9,632	9,535
Apple Inc.	1.550%	2/7/20	14,279	14,026
Apple Inc.	1.900%	2/7/20	8,144	8,044
Apple Inc.	2.000%	5/6/20	10,889	10,737
Apple Inc.	1.800%	5/11/20	8,220	8,077
Apple Inc.	2.000%	11/13/20	11,175	10,961
Apple Inc.	2.250%	2/23/21	23,318	22,909
Apple Inc.	2.850%	5/6/21	16,097	16,055
Apple Inc.	1.550%	8/4/21	14,056	13,470
Apple Inc.	2.150%	2/9/22	8,745	8,475
Apple Inc.	2.500%	2/9/22	15,810	15,498
Apple Inc.	2.300%	5/11/22	14,098	13,679
Apple Inc.	2.700%	5/13/22	8,825	8,696
Apple Inc.	2.850%	2/23/23	14,141	13,915
Apple Inc.	2.400%	5/3/23	40,882	39,316
Applied Materials Inc.	2.625%	10/1/20	6,507	6,444
Applied Materials Inc.	4.300%	6/15/21	3,700	3,822
Arrow Electronics Inc.	3.500%	4/1/22	2,500	2,466
Arrow Electronics Inc.	4.500%	3/1/23	1,249	1,265
Autodesk Inc.	3.125%	6/15/20	1,975	1,968
Avnet Inc.	5.875%	6/15/20	755	787
Avnet Inc.	3.750%	12/1/21	4,300	4,273
Avnet Inc.	4.875%	12/1/22	2,475	2,537
Baidu Inc.	3.000%	6/30/20	3,550	3,519
Baidu Inc.	2.875%	7/6/22	6,525	6,280
Baidu Inc.	3.500%	11/28/22	5,780	5,693
Broadcom Corp. / Broadcom Cayman Finance Ltd.	2.375%	1/15/20	20,474	20,207
Broadcom Corp. / Broadcom Cayman Finance Ltd.	2.200%	1/15/21	6,910	6,692
Broadcom Corp. / Broadcom Cayman Finance Ltd.	3.000%	1/15/22	30,178	29,355
Broadcom Corp. / Broadcom Cayman Finance Ltd.	2.650%	1/15/23	9,733	9,165
CA Inc.	5.375%	12/1/19	4,026	4,139
CA Inc.	3.600%	8/1/20	4,301	4,319
CA Inc.	3.600%	8/15/22	2,575	2,553
Cisco Systems Inc.	1.400%	9/20/19	6,497	6,406
Cisco Systems Inc.	4.450%	1/15/20	18,669	19,141
Cisco Systems Inc.	2.450%	6/15/20	20,594	20,472
Cisco Systems Inc.	2.200%	2/28/21	10,568	10,370
Cisco Systems Inc.	2.900%	3/4/21	3,265	3,261

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Cisco Systems Inc.	1.850%	9/20/21	16,152	15,508
Cisco Systems Inc.	3.000%	6/15/22	2,575	2,562
Cisco Systems Inc.	2.600%	2/28/23	4,000	3,877
Corning Inc.	4.250%	8/15/20	907	924
⁵ Dell International LLC / EMC Corp.	5.450%	6/15/23	30,000	31,397
⁵ Diamond 1 Finance Corp. / Diamond 2 Finance Corp.	4.420%	6/15/21	38,463	39,010
DXC Technology Co.	2.875%	3/27/20	4,120	4,085
Equifax Inc.	3.600%	8/15/21	2,500	2,494
Equifax Inc.	3.300%	12/15/22	3,955	3,868
Fidelity National Information Services Inc.	3.625%	10/15/20	8,370	8,425
Fidelity National Information Services Inc.	2.250%	8/15/21	6,077	5,848
Fidelity National Information Services Inc.	3.500%	4/15/23	7,082	7,004
Fiserv Inc.	2.700%	6/1/20	7,180	7,109
Fiserv Inc.	4.625%	10/1/20	3,023	3,105
Fiserv Inc.	3.500%	10/1/22	7,163	7,092
Flex Ltd.	4.625%	2/15/20	3,508	3,560
Flex Ltd.	5.000%	2/15/23	3,563	3,648
Hewlett Packard Enterprise Co.	3.600%	10/15/20	24,673	24,794
Hewlett Packard Enterprise Co.	4.400%	10/15/22	14,091	14,442
HP Inc.	3.750%	12/1/20	650	655
HP Inc.	4.375%	9/15/21	10,600	10,880
HP Inc.	4.050%	9/15/22	3,761	3,814
IBM Credit LLC	1.625%	9/6/19	4,702	4,643
IBM Credit LLC	1.800%	1/20/21	6,425	6,232
IBM Credit LLC	2.650%	2/5/21	6,000	5,940
IBM Credit LLC	2.200%	9/8/22	4,500	4,304
IBM Credit LLC	3.000%	2/6/23	6,000	5,861
Intel Corp.	1.850%	5/11/20	4,108	4,042
Intel Corp.	2.450%	7/29/20	4,780	4,744
Intel Corp.	1.700%	5/19/21	3,650	3,517
Intel Corp.	3.300%	10/1/21	11,331	11,416
Intel Corp.	2.350%	5/11/22	5,350	5,197
Intel Corp.	3.100%	7/29/22	9,895	9,894
Intel Corp.	2.700%	12/15/22	12,579	12,313
International Business Machines Corp.	8.375%	11/1/19	350	375
International Business Machines Corp.	1.900%	1/27/20	6,722	6,630
International Business Machines Corp.	1.625%	5/15/20	4,350	4,247
International Business Machines Corp.	2.250%	2/19/21	7,829	7,663
International Business Machines Corp.	2.500%	1/27/22	7,085	6,923
International Business Machines Corp.	1.875%	8/1/22	4,532	4,284
International Business Machines Corp.	2.875%	11/9/22	5,655	5,551
Jabil Inc.	5.625%	12/15/20	2,706	2,821
Jabil Inc.	4.700%	9/15/22	2	2
Juniper Networks Inc.	3.300%	6/15/20	1,750	1,742
Juniper Networks Inc.	4.600%	3/15/21	1,625	1,668
Keysight Technologies Inc.	3.300%	10/30/19	3,201	3,189
KLA-Tencor Corp.	4.125%	11/1/21	3,175	3,230
Lam Research Corp.	2.750%	3/15/20	3,655	3,633
Lam Research Corp.	2.800%	6/15/21	5,735	5,637
Marvell Technology Group Ltd.	4.200%	6/22/23	4,000	3,995
Maxim Integrated Products Inc.	3.375%	3/15/23	3,599	3,547
Microsoft Corp.	1.100%	8/8/19	18,062	17,778
Microsoft Corp.	1.850%	2/6/20	7,401	7,306
Microsoft Corp.	1.850%	2/12/20	12,217	12,063
Microsoft Corp.	3.000%	10/1/20	6,754	6,799
Microsoft Corp.	2.000%	11/3/20	16,944	16,664
Microsoft Corp.	4.000%	2/8/21	260	268
Microsoft Corp.	1.550%	8/8/21	19,395	18,605
Microsoft Corp.	2.400%	2/6/22	14,792	14,485
Microsoft Corp.	2.375%	2/12/22	10,869	10,619
Microsoft Corp.	2.650%	11/3/22	8,982	8,840
Microsoft Corp.	2.125%	11/15/22	5,356	5,150
Microsoft Corp.	2.375%	5/1/23	7,500	7,244

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Motorola Solutions Inc.	3.500%	9/1/21	950	941
Motorola Solutions Inc.	3.750%	5/15/22	6,770	6,719
Motorola Solutions Inc.	3.500%	3/1/23	5,056	4,882
NetApp Inc.	2.000%	9/27/19	5,201	5,134
NetApp Inc.	3.375%	6/15/21	1,975	1,960
NVIDIA Corp.	2.200%	9/16/21	8,320	8,050
Oracle Corp.	5.000%	7/8/19	12,481	12,772
Oracle Corp.	2.250%	10/8/19	12,922	12,862
Oracle Corp.	3.875%	7/15/20	7,540	7,683
Oracle Corp.	2.800%	7/8/21	3,023	3,000
Oracle Corp.	1.900%	9/15/21	38,504	37,021
Oracle Corp.	2.500%	5/15/22	17,315	16,857
Oracle Corp.	2.500%	10/15/22	16,297	15,784
Oracle Corp.	2.625%	2/15/23	3,500	3,389
Oracle Corp.	2.400%	9/15/23	8,175	7,757
QUALCOMM Inc.	1.850%	5/20/19	9,215	9,215
QUALCOMM Inc.	2.100%	5/20/20	10,600	10,600
QUALCOMM Inc.	2.250%	5/20/20	12,847	12,657
QUALCOMM Inc.	3.000%	5/20/22	14,126	13,910
QUALCOMM Inc.	2.600%	1/30/23	10,900	10,412
salesforce.com Inc.	3.250%	4/11/23	7,275	7,236
Seagate HDD Cayman	4.250%	3/1/22	6,400	6,336
Seagate HDD Cayman	4.750%	6/1/23	6,275	6,197
Tech Data Corp.	3.700%	2/15/22	3,960	3,875
Texas Instruments Inc.	1.650%	8/3/19	3,713	3,667
Texas Instruments Inc.	1.750%	5/1/20	800	784
Texas Instruments Inc.	2.750%	3/12/21	3,765	3,751
Texas Instruments Inc.	1.850%	5/15/22	3,950	3,772
Total System Services Inc.	3.800%	4/1/21	6,495	6,535
Total System Services Inc.	3.750%	6/1/23	4,600	4,553
Total System Services Inc.	4.000%	6/1/23	4,000	4,019
Trimble Inc.	4.150%	6/15/23	1,400	1,395
Tyco Electronics Group SA	2.350%	8/1/19	1,038	1,033
Tyco Electronics Group SA	4.875%	1/15/21	5,727	5,942
Verisk Analytics Inc.	5.800%	5/1/21	3,365	3,567
Verisk Analytics Inc.	4.125%	9/12/22	3,025	3,082
VMware Inc.	2.300%	8/21/20	11,454	11,207
VMware Inc.	2.950%	8/21/22	11,670	11,176
Xerox Corp.	5.625%	12/15/19	4,075	4,181
Xerox Corp.	2.800%	5/15/20	2,725	2,685
Xerox Corp.	2.750%	9/1/20	1,500	1,468
Xerox Corp.	4.500%	5/15/21	7,600	7,686
Xerox Corp.	3.625%	3/15/23	7,265	6,940
Xilinx Inc.	3.000%	3/15/21	1,570	1,556
Transportation (0.4%)				
⁴ American Airlines 2013-2 Class A Pass Through Trust	4.950%	7/15/24	8,357	8,589
Burlington Northern Santa Fe LLC	4.700%	10/1/19	3,872	3,960
Burlington Northern Santa Fe LLC	3.600%	9/1/20	1,175	1,187
Burlington Northern Santa Fe LLC	3.450%	9/15/21	5,150	5,188
Burlington Northern Santa Fe LLC	3.050%	3/15/22	2,900	2,875
Burlington Northern Santa Fe LLC	3.050%	9/1/22	4,729	4,675
Burlington Northern Santa Fe LLC	3.000%	3/15/23	12,587	12,352
Canadian National Railway Co.	2.400%	2/3/20	2,315	2,298
Canadian National Railway Co.	2.850%	12/15/21	2,710	2,683
Canadian Pacific Railway Co.	9.450%	8/1/21	2,700	3,163
⁴ Continental Airlines 2007-1 Class A Pass Through Trust	5.983%	10/19/23	1,771	1,875
⁴ Continental Airlines 2009-2 Class A Pass Through Trust	7.250%	5/10/21	2,117	2,213
⁴ Continental Airlines 2010-1 Class A Pass Through Trust	4.750%	7/12/22	1,341	1,367
CSX Corp.	3.700%	10/30/20	407	411

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
CSX Corp.	4.250%	6/1/21	3,325	3,412
⁴ Delta Air Lines 2007-1 Class A Pass Through Trust	6.821%	2/10/24	2,313	2,530
⁴ Delta Air Lines 2009-1 Class A Pass Through Trust	7.750%	6/17/21	1,194	1,250
⁴ Delta Air Lines 2010-2 Class A Pass Through Trust	4.950%	11/23/20	854	862
⁴ Delta Air Lines 2012-1 Class A Pass Through Trust	4.750%	11/7/21	667	679
Delta Air Lines Inc.	2.875%	3/13/20	6,830	6,767
Delta Air Lines Inc.	2.600%	12/4/20	2,000	1,958
Delta Air Lines Inc.	3.400%	4/19/21	4,350	4,329
Delta Air Lines Inc.	3.625%	3/15/22	9,000	8,866
Delta Air Lines Inc.	3.800%	4/19/23	5,900	5,830
FedEx Corp.	2.300%	2/1/20	3,754	3,717
FedEx Corp.	2.625%	8/1/22	2,655	2,579
JB Hunt Transport Services Inc.	3.300%	8/15/22	251	249
Norfolk Southern Corp.	3.250%	12/1/21	5,298	5,285
Norfolk Southern Corp.	3.000%	4/1/22	6,467	6,394
Norfolk Southern Corp.	2.903%	2/15/23	3,186	3,118
⁴ Northwest Airlines 2007-1 Class A Pass Through Trust	7.027%	5/1/21	865	902
Ryder System Inc.	2.450%	9/3/19	4,100	4,070
Ryder System Inc.	2.500%	5/11/20	3,800	3,744
Ryder System Inc.	2.875%	9/1/20	1,850	1,834
Ryder System Inc.	2.250%	9/1/21	1,910	1,841
Ryder System Inc.	3.400%	3/1/23	9,482	9,348
Ryder System Inc.	3.750%	6/9/23	5,500	5,494
Southwest Airlines Co.	2.750%	11/6/19	4,600	4,583
Southwest Airlines Co.	2.650%	11/5/20	1,670	1,647
Southwest Airlines Co.	2.750%	11/16/22	2,400	2,332
Union Pacific Corp.	1.800%	2/1/20	4,700	4,610
Union Pacific Corp.	2.250%	6/19/20	7,400	7,281
Union Pacific Corp.	4.000%	2/1/21	3,900	3,973
Union Pacific Corp.	3.200%	6/8/21	5,000	5,008
Union Pacific Corp.	4.163%	7/15/22	1,250	1,289
Union Pacific Corp.	2.950%	1/15/23	1,375	1,341
Union Pacific Corp.	3.500%	6/8/23	6,000	5,999
United Parcel Service Inc.	3.125%	1/15/21	7,354	7,391
United Parcel Service Inc.	2.050%	4/1/21	8,900	8,689
United Parcel Service Inc.	2.350%	5/16/22	6,643	6,443
United Parcel Service Inc.	2.450%	10/1/22	7,390	7,151
United Parcel Service Inc.	2.500%	4/1/23	1,406	1,357
United Parcel Service of America Inc.	8.375%	4/1/20	210	229
				7,586,266

Utilities (1.1%)

Electric (1.0%)

AEP Texas Inc.	2.400%	10/1/22	2,300	2,203
Alabama Power Co.	2.450%	3/30/22	5,318	5,125
Ameren Corp.	2.700%	11/15/20	6,875	6,781
American Electric Power Co. Inc.	2.150%	11/13/20	3,500	3,416
American Electric Power Co. Inc.	2.950%	12/15/22	1,735	1,696
Appalachian Power Co.	4.600%	3/30/21	2,842	2,923
Baltimore Gas & Electric Co.	3.500%	11/15/21	2,150	2,166
Berkshire Hathaway Energy Co.	2.400%	2/1/20	4,180	4,144
Berkshire Hathaway Energy Co.	2.375%	1/15/21	2,925	2,864
Berkshire Hathaway Energy Co.	2.800%	1/15/23	2,700	2,633
CenterPoint Energy Houston Electric LLC	1.850%	6/1/21	2,315	2,225
CenterPoint Energy Houston Electric LLC	2.250%	8/1/22	1,131	1,081
CenterPoint Energy Inc.	2.500%	9/1/22	3,750	3,596
CMS Energy Corp.	6.250%	2/1/20	1,715	1,790
CMS Energy Corp.	5.050%	3/15/22	3,575	3,731
Commonwealth Edison Co.	4.000%	8/1/20	4,126	4,199
Commonwealth Edison Co.	3.400%	9/1/21	4,000	4,015
Consolidated Edison Co. of New York Inc.	4.450%	6/15/20	947	971
Consolidated Edison Inc.	2.000%	3/15/20	4,335	4,254
Consolidated Edison Inc.	2.000%	5/15/21	4,880	4,702

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Constellation Energy Group Inc.	5.150%	12/1/20	3,928	4,060
Consumers Energy Co.	6.700%	9/15/19	463	482
Consumers Energy Co.	2.850%	5/15/22	1,250	1,228
Dominion Energy Inc.	2.962%	7/1/19	7,200	7,182
Dominion Energy Inc.	1.600%	8/15/19	1,000	984
Dominion Energy Inc.	5.200%	8/15/19	1,650	1,687
Dominion Energy Inc.	2.500%	12/1/19	5,025	4,981
Dominion Energy Inc.	2.579%	7/1/20	4,500	4,434
Dominion Energy Inc.	4.450%	3/15/21	6,489	6,644
Dominion Energy Inc.	2.000%	8/15/21	300	287
Dominion Energy Inc.	2.750%	1/15/22	2,700	2,616
Dominion Energy Inc.	2.750%	9/15/22	5,048	4,855
DTE Electric Co.	3.450%	10/1/20	2,155	2,168
DTE Energy Co.	1.500%	10/1/19	5,611	5,500
DTE Energy Co.	2.400%	12/1/19	3,075	3,041
DTE Energy Co.	3.300%	6/15/22	2,060	2,036
Duke Energy Carolinas LLC	4.300%	6/15/20	3,300	3,354
Duke Energy Carolinas LLC	3.900%	6/15/21	2,612	2,660
Duke Energy Carolinas LLC	2.500%	3/15/23	3,700	3,559
Duke Energy Carolinas LLC	3.050%	3/15/23	5,000	4,930
Duke Energy Corp.	5.050%	9/15/19	3,343	3,419
Duke Energy Corp.	1.800%	9/1/21	5,155	4,930
Duke Energy Corp.	3.550%	9/15/21	4,850	4,867
Duke Energy Corp.	2.400%	8/15/22	2,700	2,592
Duke Energy Corp.	3.050%	8/15/22	5,671	5,565
4 Duke Energy Florida LLC	2.100%	12/15/19	1,706	1,696
Duke Energy Florida LLC	3.100%	8/15/21	2,000	1,992
Duke Energy Indiana LLC	3.750%	7/15/20	3,964	4,012
Duke Energy Progress LLC	3.000%	9/15/21	2,265	2,250
Duke Energy Progress LLC	2.800%	5/15/22	4,791	4,713
Edison International	2.125%	4/15/20	2,901	2,843
Edison International	2.400%	9/15/22	3,725	3,528
Edison International	2.950%	3/15/23	2,711	2,601
Emera US Finance LP	2.700%	6/15/21	8,426	8,194
Entergy Arkansas Inc.	3.750%	2/15/21	2,500	2,528
Entergy Corp.	5.125%	9/15/20	3,525	3,631
Entergy Corp.	4.000%	7/15/22	4,857	4,918
Entergy Gulf States Louisiana LLC	3.950%	10/1/20	500	506
Eversource Energy	4.500%	11/15/19	2,537	2,584
Eversource Energy	2.500%	3/15/21	4,000	3,909
Eversource Energy	2.750%	3/15/22	3,595	3,496
Exelon Corp.	2.850%	6/15/20	9,208	9,135
Exelon Corp.	2.450%	4/15/21	3,862	3,756
Exelon Corp.	3.497%	6/1/22	3,910	3,872
Exelon Generation Co. LLC	5.200%	10/1/19	5,181	5,311
Exelon Generation Co. LLC	2.950%	1/15/20	6,985	6,935
Exelon Generation Co. LLC	4.000%	10/1/20	4,707	4,773
Exelon Generation Co. LLC	3.400%	3/15/22	4,350	4,321
Exelon Generation Co. LLC	4.250%	6/15/22	4,611	4,718
FirstEnergy Corp.	2.850%	7/15/22	4,195	4,038
FirstEnergy Corp.	4.250%	3/15/23	10,404	10,571
Florida Power & Light Co.	2.750%	6/1/23	3,560	3,475
Fortis Inc.	2.100%	10/4/21	8,678	8,288
Georgia Power Co.	2.000%	3/30/20	2,538	2,495
Georgia Power Co.	2.000%	9/8/20	3,550	3,467
Georgia Power Co.	2.400%	4/1/21	6,200	6,047
Georgia Power Co.	2.850%	5/15/22	1,000	977
Great Plains Energy Inc.	4.850%	6/1/21	3,175	3,258
ITC Holdings Corp.	2.700%	11/15/22	4,117	3,968
Kansas City Power & Light Co.	3.150%	3/15/23	1,740	1,697
LG&E & KU Energy LLC	3.750%	11/15/20	6,771	6,822
LG&E & KU Energy LLC	4.375%	10/1/21	25	26
National Rural Utilities Cooperative Finance Corp.	1.500%	11/1/19	4,254	4,186

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
National Rural Utilities Cooperative Finance Corp.	2.300%	11/15/19	1,325	1,314
National Rural Utilities Cooperative Finance Corp.	2.000%	1/27/20	5,015	4,945
National Rural Utilities Cooperative Finance Corp.	2.350%	6/15/20	1,328	1,311
National Rural Utilities Cooperative Finance Corp.	2.300%	11/1/20	2,685	2,635
National Rural Utilities Cooperative Finance Corp.	2.900%	3/15/21	2,200	2,183
National Rural Utilities Cooperative Finance Corp.	3.050%	2/15/22	5,094	5,052
National Rural Utilities Cooperative Finance Corp.	2.400%	4/25/22	4,400	4,251
National Rural Utilities Cooperative Finance Corp.	2.700%	2/15/23	2,608	2,531
Nevada Power Co.	2.750%	4/15/20	4,550	4,535
NextEra Energy Capital Holdings Inc.	2.400%	9/15/19	3,230	3,205
NextEra Energy Capital Holdings Inc.	2.700%	9/15/19	6,260	6,233
NextEra Energy Capital Holdings Inc.	4.500%	6/1/21	2,750	2,822
NextEra Energy Capital Holdings Inc.	2.800%	1/15/23	3,680	3,553
Northern States Power Co.	2.200%	8/15/20	2,745	2,704
Northern States Power Co.	2.600%	5/15/23	1,725	1,665
Ohio Power Co.	5.375%	10/1/21	582	620
Oncor Electric Delivery Co. LLC	4.100%	6/1/22	1,025	1,051
Pacific Gas & Electric Co.	3.500%	10/1/20	6,795	6,726
Pacific Gas & Electric Co.	4.250%	5/15/21	3,090	3,090
Pacific Gas & Electric Co.	2.450%	8/15/22	1,825	1,695
Pacific Gas & Electric Co.	3.250%	6/15/23	2,700	2,572
PacifiCorp	3.850%	6/15/21	2,710	2,760
PacifiCorp	2.950%	2/1/22	4,619	4,566
PECO Energy Co.	1.700%	9/15/21	2,145	2,040
Pinnacle West Capital Corp.	2.250%	11/30/20	2,800	2,733
PNM Resources Inc.	3.250%	3/9/21	2,200	2,182
PPL Capital Funding Inc.	4.200%	6/15/22	1,275	1,295
PPL Capital Funding Inc.	3.500%	12/1/22	910	900
PPL Capital Funding Inc.	3.400%	6/1/23	4,549	4,452
Progress Energy Inc.	4.875%	12/1/19	2,711	2,773
Progress Energy Inc.	4.400%	1/15/21	4,422	4,516
Progress Energy Inc.	3.150%	4/1/22	3,000	2,948
PSEG Power LLC	5.125%	4/15/20	3,037	3,131
PSEG Power LLC	3.000%	6/15/21	2,000	1,974
PSEG Power LLC	3.850%	6/1/23	5,120	5,097
Public Service Co. of Colorado	3.200%	11/15/20	2,300	2,300
Public Service Co. of Oklahoma	5.150%	12/1/19	1,725	1,773
Public Service Electric & Gas Co.	1.900%	3/15/21	2,931	2,836
Public Service Electric & Gas Co.	2.375%	5/15/23	3,550	3,395
Public Service Enterprise Group Inc.	1.600%	11/15/19	4,301	4,211
Public Service Enterprise Group Inc.	2.650%	11/15/22	5,500	5,294
Puget Energy Inc.	6.500%	12/15/20	4,075	4,361
Puget Energy Inc.	6.000%	9/1/21	3,509	3,749
Puget Energy Inc.	5.625%	7/15/22	3,200	3,400
San Diego Gas & Electric Co.	3.000%	8/15/21	2,572	2,552
Southern California Edison Co.	2.900%	3/1/21	4,000	3,975
Southern California Edison Co.	3.875%	6/1/21	3,790	3,848
4 Southern California Edison Co.	1.845%	2/1/22	2,317	2,259
Southern California Edison Co.	2.400%	2/1/22	1,200	1,158
Southern California Edison Co.	3.400%	6/1/23	2,500	2,486
Southern Co.	1.850%	7/1/19	7,394	7,318
Southern Co.	2.150%	9/1/19	3,575	3,544
Southern Co.	2.750%	6/15/20	6,895	6,818
Southern Co.	2.350%	7/1/21	10,609	10,234
4 Southern Co.	5.500%	3/15/57	2,250	2,315
Southern Power Co.	1.950%	12/15/19	4,552	4,474
Southern Power Co.	2.375%	6/1/20	2,000	1,970
Southern Power Co.	2.500%	12/15/21	3,500	3,385
Tampa Electric Co.	5.400%	5/15/21	1,900	1,998
TECO Finance Inc.	5.150%	3/15/20	4,415	4,548
TransAlta Corp.	4.500%	11/15/22	2,875	2,846
Virginia Electric & Power Co.	2.950%	1/15/22	5,945	5,885
Virginia Electric & Power Co.	2.750%	3/15/23	5,092	4,927

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
WEC Energy Group Inc.	2.450%	6/15/20	2,618	2,582
WEC Energy Group Inc.	3.375%	6/15/21	6,225	6,242
Wisconsin Electric Power Co.	2.950%	9/15/21	1,075	1,068
Xcel Energy Inc.	4.700%	5/15/20	5,335	5,449
Xcel Energy Inc.	2.400%	3/15/21	8,000	7,788
Xcel Energy Inc.	2.600%	3/15/22	2,175	2,112
Natural Gas (0.1%)				
CenterPoint Energy Resources Corp.	4.500%	1/15/21	3,226	3,291
CenterPoint Energy Resources Corp.	3.550%	4/1/23	2,200	2,179
NiSource Finance Corp.	2.650%	11/17/22	2,625	2,525
5 NiSource Inc.	3.650%	6/15/23	2,500	2,497
Sempra Energy	1.625%	10/7/19	3,775	3,703
Sempra Energy	2.400%	2/1/20	3,725	3,679
Sempra Energy	2.400%	3/15/20	3,778	3,721
Sempra Energy	2.850%	11/15/20	4,778	4,718
Sempra Energy	2.875%	10/1/22	5,141	4,987
Sempra Energy	2.900%	2/1/23	3,850	3,727
Southern Co. Gas Capital Corp.	5.250%	8/15/19	225	230
Southern Co. Gas Capital Corp.	3.500%	9/15/21	2,277	2,270
				584,800
Total Corporate Bonds (Cost \$14,288,949)				14,033,281
Sovereign Bonds (7.5%)				
African Development Bank	1.125%	9/20/19	400	393
African Development Bank	1.375%	2/12/20	5,650	5,537
African Development Bank	1.875%	3/16/20	20,543	20,285
African Development Bank	2.625%	3/22/21	14,955	14,846
African Development Bank	1.250%	7/26/21	9,810	9,351
African Development Bank	2.375%	9/23/21	9,050	8,912
African Development Bank	2.125%	11/16/22	20,000	19,342
Agricultural Bank of China Ltd.	2.750%	5/21/20	2,100	2,073
Asian Development Bank	1.000%	8/16/19	4,140	4,070
Asian Development Bank	1.750%	1/10/20	16,600	16,393
Asian Development Bank	1.500%	1/22/20	12,805	12,585
Asian Development Bank	1.375%	3/23/20	14,640	14,326
Asian Development Bank	1.625%	5/5/20	39,245	38,496
Asian Development Bank	1.625%	8/26/20	16,220	15,850
Asian Development Bank	2.250%	1/20/21	8,110	8,006
Asian Development Bank	1.625%	3/16/21	22,600	21,916
Asian Development Bank	1.750%	6/8/21	22,875	22,207
Asian Development Bank	2.125%	11/24/21	7,300	7,125
Asian Development Bank	2.000%	2/16/22	22,950	22,281
Asian Development Bank	1.875%	2/18/22	20,250	19,559
Asian Development Bank	1.875%	8/10/22	11,535	11,101
Asian Development Bank	1.750%	9/13/22	30,750	29,359
Asian Development Bank	2.750%	3/17/23	22,205	22,008
Canada	2.000%	11/15/22	23,000	22,227
CNOOC Finance 2013 Ltd.	3.000%	5/9/23	18,985	18,297
CNOOC Finance 2015 Australia Pty Ltd.	2.625%	5/5/20	7,975	7,866
Corp. Andina de Fomento	2.200%	7/18/20	8,047	7,895
Corp. Andina de Fomento	2.125%	9/27/21	3,560	3,426
Corp. Andina de Fomento	4.375%	6/15/22	22,251	23,052
Corp. Andina de Fomento	2.750%	1/6/23	8,150	7,883
Council Of Europe Development Bank	1.750%	11/14/19	3,185	3,145
Council Of Europe Development Bank	1.875%	1/27/20	5,140	5,082
Council Of Europe Development Bank	1.625%	3/10/20	11,640	11,436
Council Of Europe Development Bank	1.625%	3/16/21	3,900	3,782
Council Of Europe Development Bank	2.625%	2/13/23	8,890	8,765
Ecopetrol SA	7.625%	7/23/19	10,080	10,499
Equinor ASA	2.250%	11/8/19	11,072	10,975
Equinor ASA	2.900%	11/8/20	8,205	8,186
Equinor ASA	2.750%	11/10/21	3,000	2,958

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Equinor ASA	3.150%	1/23/22	14,509	14,488
Equinor ASA	2.450%	1/17/23	3,725	3,580
European Bank for Reconstruction & Development	0.875%	7/22/19	18,140	17,822
European Bank for Reconstruction & Development	1.750%	11/26/19	8,500	8,404
European Bank for Reconstruction & Development	1.500%	3/16/20	7,790	7,644
European Bank for Reconstruction & Development	1.125%	8/24/20	780	755
European Bank for Reconstruction & Development	2.000%	2/1/21	23,492	23,042
European Bank for Reconstruction & Development	2.750%	4/26/21	250	250
European Bank for Reconstruction & Development	1.875%	7/15/21	14,800	14,386
European Bank for Reconstruction & Development	1.500%	11/2/21	15,214	14,559
European Bank for Reconstruction & Development	1.875%	2/23/22	9,315	8,987
European Bank for Reconstruction & Development	2.750%	3/7/23	9,520	9,444
European Investment Bank	1.125%	8/15/19	47,270	46,561
European Investment Bank	1.250%	12/16/19	33,735	33,102
European Investment Bank	1.625%	3/16/20	15,300	15,032
European Investment Bank	1.750%	5/15/20	11,950	11,737
European Investment Bank	1.375%	6/15/20	28,385	27,667
European Investment Bank	1.625%	8/14/20	31,357	30,641
European Investment Bank	2.875%	9/15/20	8,450	8,479
European Investment Bank	1.625%	12/15/20	25,165	24,496
European Investment Bank	4.000%	2/16/21	14,410	14,838
European Investment Bank	2.000%	3/15/21	36,670	35,879
European Investment Bank	2.500%	4/15/21	27,175	26,926
European Investment Bank	2.375%	5/13/21	23,240	22,967
European Investment Bank	1.625%	6/15/21	34,430	33,259
European Investment Bank	1.375%	9/15/21	18,235	17,411
European Investment Bank	2.125%	10/15/21	23,870	23,329
European Investment Bank	2.250%	3/15/22	31,300	30,588
European Investment Bank	2.375%	6/15/22	37,980	37,264
European Investment Bank	2.250%	8/15/22	22,240	21,680
European Investment Bank	2.000%	12/15/22	14,325	13,783
European Investment Bank	2.500%	3/15/23	32,722	32,104
⁶ Export Development Canada	1.750%	8/19/19	6,800	6,737
Export Development Canada	1.000%	9/13/19	750	735
⁶ Export Development Canada	1.625%	12/3/19	12,450	12,275
Export Development Canada	1.625%	1/17/20	3,185	3,138
Export Development Canada	1.625%	6/1/20	3,000	2,941
Export Development Canada	2.000%	11/30/20	14,665	14,412
Export Development Canada	1.500%	5/26/21	18,800	18,117
Export Development Canada	1.375%	10/21/21	14,700	14,019
Export Development Canada	2.500%	1/24/23	6,000	5,897
Export Development Canada	2.750%	3/15/23	11,000	10,932
Export-Import Bank of Korea	2.375%	8/12/19	4,900	4,866
Export-Import Bank of Korea	1.500%	10/21/19	10,400	10,180
Export-Import Bank of Korea	2.250%	1/21/20	970	956
Export-Import Bank of Korea	2.125%	1/25/20	3,500	3,442
Export-Import Bank of Korea	5.125%	6/29/20	7,400	7,656
Export-Import Bank of Korea	2.500%	11/1/20	700	686
Export-Import Bank of Korea	2.625%	12/30/20	6,250	6,136
Export-Import Bank of Korea	4.000%	1/29/21	12,484	12,635
Export-Import Bank of Korea	2.125%	2/11/21	5,300	5,113
Export-Import Bank of Korea	2.500%	5/10/21	4,000	3,889
Export-Import Bank of Korea	4.375%	9/15/21	10,060	10,295
Export-Import Bank of Korea	1.875%	10/21/21	8,000	7,578
Export-Import Bank of Korea	5.000%	4/11/22	7,050	7,374
Export-Import Bank of Korea	3.000%	11/1/22	6,500	6,319
FMS Wertmanagement	2.750%	3/6/23	10,500	10,379
FMS Wertmanagement AoER	1.000%	8/16/19	22,000	21,615
⁷ FMS Wertmanagement AoER	1.750%	1/24/20	15,000	14,794
FMS Wertmanagement AoER	1.750%	3/17/20	8,500	8,361
FMS Wertmanagement AoER	1.375%	6/8/21	1,800	1,725
FMS Wertmanagement AoER	2.000%	8/1/22	14,935	14,409
Hydro-Quebec	9.400%	2/1/21	2,025	2,334

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Hydro-Quebec	8.400%	1/15/22	5,825	6,780
Industrial & Commercial Bank of China Ltd.	3.231%	11/13/19	6,500	6,484
Industrial & Commercial Bank of China Ltd.	2.635%	5/26/21	5,100	4,958
Industrial & Commercial Bank of China Ltd.	2.452%	10/20/21	3,000	2,882
Industrial & Commercial Bank of China Ltd.	2.957%	11/8/22	5,500	5,326
Inter-American Development Bank	1.125%	9/12/19	7,250	7,132
Inter-American Development Bank	3.875%	9/17/19	17,602	17,865
Inter-American Development Bank	1.250%	10/15/19	210	207
Inter-American Development Bank	1.750%	10/15/19	18,250	18,066
Inter-American Development Bank	3.875%	2/14/20	9,835	10,031
Inter-American Development Bank	1.625%	5/12/20	39,855	39,101
Inter-American Development Bank	1.875%	6/16/20	26,395	25,991
Inter-American Development Bank	1.375%	7/15/20	350	341
Inter-American Development Bank	2.125%	11/9/20	19,435	19,162
Inter-American Development Bank	1.875%	3/15/21	4,686	4,579
Inter-American Development Bank	2.625%	4/19/21	42,000	41,753
Inter-American Development Bank	2.125%	1/18/22	38,350	37,378
Inter-American Development Bank	1.750%	4/14/22	29,380	28,196
Inter-American Development Bank	1.750%	9/14/22	14,900	14,226
Inter-American Development Bank	2.500%	1/18/23	23,933	23,535
International Bank for Reconstruction & Development	1.250%	7/26/19	32,565	32,156
International Bank for Reconstruction & Development	0.875%	8/15/19	47,550	46,718
International Bank for Reconstruction & Development	1.200%	9/30/19	1,000	983
International Bank for Reconstruction & Development	1.875%	10/7/19	24,425	24,211
International Bank for Reconstruction & Development	1.125%	11/27/19	24,150	23,666
International Bank for Reconstruction & Development	1.375%	3/30/20	18,000	17,616
International Bank for Reconstruction & Development	1.875%	4/21/20	72,730	71,728
International Bank for Reconstruction & Development	1.125%	8/10/20	1,500	1,453
International Bank for Reconstruction & Development	1.625%	9/4/20	19,605	19,158
International Bank for Reconstruction & Development	2.125%	11/1/20	17,275	17,054
International Bank for Reconstruction & Development	1.625%	3/9/21	18,135	17,609
International Bank for Reconstruction & Development	1.375%	5/24/21	23,880	22,977
International Bank for Reconstruction & Development	2.250%	6/24/21	22,960	22,605
International Bank for Reconstruction & Development	1.375%	9/20/21	31,300	29,953
International Bank for Reconstruction & Development	2.125%	12/13/21	8,065	7,882
International Bank for Reconstruction & Development	2.000%	1/26/22	33,260	32,294
International Bank for Reconstruction & Development	1.625%	2/10/22	37,900	36,331
International Bank for Reconstruction & Development	1.875%	10/7/22	3,350	3,216
International Bank for Reconstruction & Development	7.625%	1/19/23	2,857	3,423
International Bank for Reconstruction & Development	2.125%	2/13/23	175	169
International Bank for Reconstruction & Development	1.750%	4/19/23	9,075	8,618
International Finance Corp.	1.750%	9/16/19	19,550	19,340
International Finance Corp.	1.750%	3/30/20	22,185	21,849
International Finance Corp.	1.625%	7/16/20	10,825	10,606
International Finance Corp.	2.250%	1/25/21	17,050	16,830
International Finance Corp.	1.125%	7/20/21	5,640	5,372
International Finance Corp.	2.000%	10/24/22	500	482
⁸ Japan Bank for International Cooperation	2.250%	2/24/20	9,005	8,915
⁸ Japan Bank for International Cooperation	1.750%	5/28/20	19,470	19,053
⁸ Japan Bank for International Cooperation	2.125%	6/1/20	12,200	12,018
⁸ Japan Bank for International Cooperation	2.125%	7/21/20	2,100	2,066
⁸ Japan Bank for International Cooperation	2.125%	11/16/20	15,386	15,075
⁸ Japan Bank for International Cooperation	1.500%	7/21/21	15,700	14,972
⁸ Japan Bank for International Cooperation	2.000%	11/4/21	14,675	14,161
⁸ Japan Bank for International Cooperation	2.500%	6/1/22	11,045	10,781
⁸ Japan Bank for International Cooperation	2.375%	7/21/22	8,300	8,050
⁸ Japan Bank for International Cooperation	2.375%	11/16/22	9,260	8,961
⁸ Japan Finance Organization for Municipalities	4.000%	1/13/21	200	204
⁷ KFW	1.000%	7/15/19	34,550	34,030
⁷ KFW	1.500%	9/9/19	27,590	27,246
⁷ KFW	1.250%	9/30/19	29,870	29,386
⁷ KFW	1.750%	10/15/19	12,250	12,128
⁷ KFW	2.250%	11/5/19	29,500	29,327

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

		Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
7	KFW	4.000%	1/27/20	40,525	41,337
7	KFW	1.750%	3/31/20	8,850	8,706
7	KFW	1.500%	4/20/20	49,470	48,482
7	KFW	1.625%	5/29/20	22,180	21,738
7	KFW	1.875%	6/30/20	23,675	23,292
7	KFW	2.750%	7/15/20	26,500	26,497
7	KFW	2.750%	9/8/20	25,475	25,504
7	KFW	2.750%	10/1/20	12,650	12,648
7	KFW	1.875%	11/30/20	1,625	1,592
7	KFW	1.875%	12/15/20	7,375	7,217
7	KFW	1.625%	3/15/21	23,650	22,935
7	KFW	2.625%	4/12/21	32,000	31,754
7	KFW	1.500%	6/15/21	40,100	38,640
7	KFW	2.375%	8/25/21	18,000	17,753
7	KFW	1.750%	9/15/21	20,000	19,324
7	KFW	2.000%	11/30/21	33,855	32,923
7	KFW	2.625%	1/25/22	34,780	34,478
7	KFW	2.125%	3/7/22	38,525	37,499
7	KFW	2.000%	10/4/22	26,950	26,004
7	KFW	2.375%	12/29/22	36,070	35,349
7	KFW	2.125%	1/17/23	32,925	31,816
	Korea Development Bank	1.375%	9/12/19	2,500	2,450
	Korea Development Bank	2.500%	1/13/21	8,200	7,993
	Korea Development Bank	4.625%	11/16/21	6,250	6,453
	Korea Development Bank	2.625%	2/27/22	11,600	11,234
	Korea Development Bank	3.000%	9/14/22	60	59
	Korea Development Bank	3.375%	3/12/23	9,000	8,874
	Korea Development Bank	2.750%	3/19/23	3,700	3,546
7	Landwirtschaftliche Rentenbank	1.375%	10/23/19	5,600	5,514
7	Landwirtschaftliche Rentenbank	2.250%	10/1/21	5,905	5,791
7	Landwirtschaftliche Rentenbank	2.000%	12/6/21	14,340	13,938
	Nexen Energy ULC	6.200%	7/30/19	3,510	3,620
	Nordic Investment Bank	1.500%	8/9/19	7,400	7,317
	Nordic Investment Bank	1.500%	9/29/20	8,700	8,470
	Nordic Investment Bank	1.625%	11/20/20	5,400	5,257
	Nordic Investment Bank	2.250%	2/1/21	10,200	10,070
	Nordic Investment Bank	1.250%	8/2/21	7,850	7,483
	Nordic Investment Bank	2.125%	2/1/22	8,980	8,753
	North American Development Bank	4.375%	2/11/20	675	684
	North American Development Bank	2.400%	10/26/22	2,500	2,418
9	Oesterreichische Kontrollbank AG	1.750%	1/24/20	14,845	14,650
9	Oesterreichische Kontrollbank AG	1.375%	2/10/20	9,460	9,268
9	Oesterreichische Kontrollbank AG	1.500%	10/21/20	5,430	5,272
9	Oesterreichische Kontrollbank AG	1.875%	1/20/21	10,800	10,552
9	Oesterreichische Kontrollbank AG	2.375%	10/1/21	1,300	1,278
9	Oesterreichische Kontrollbank AG	2.875%	3/13/23	7,000	6,973
4	Oriental Republic of Uruguay	8.000%	11/18/22	7,800	8,814
	Petroleos Mexicanos	6.000%	3/5/20	1,422	1,472
	Petroleos Mexicanos	5.500%	1/21/21	17,860	18,319
	Petroleos Mexicanos	6.375%	2/4/21	30,110	31,500
	Petroleos Mexicanos	4.875%	1/24/22	15,575	15,616
	Petroleos Mexicanos	5.375%	3/13/22	8,530	8,751
	Petroleos Mexicanos	3.500%	1/30/23	17,765	16,810
	Province of Alberta	1.900%	12/6/19	22,175	21,875
	Province of Alberta	2.200%	7/26/22	13,465	13,014
	Province of British Columbia	2.650%	9/22/21	4,900	4,857
	Province of British Columbia	2.000%	10/23/22	6,020	5,780
	Province of Manitoba	9.250%	4/1/20	1,500	1,652
	Province of Manitoba	2.050%	11/30/20	9,700	9,495
	Province of Manitoba	2.100%	9/6/22	475	457
	Province of New Brunswick	2.500%	12/12/22	4,000	3,891
	Province of Ontario	1.650%	9/27/19	19,100	18,841
	Province of Ontario	4.000%	10/7/19	13,400	13,600

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Province of Ontario	4.400%	4/14/20	3,425	3,520
Province of Ontario	2.550%	2/12/21	33,530	33,196
Province of Ontario	2.500%	9/10/21	13,685	13,464
Province of Ontario	2.400%	2/8/22	10,560	10,313
Province of Ontario	2.250%	5/18/22	33,260	32,231
Province of Ontario	2.450%	6/29/22	12,950	12,630
Province of Ontario	2.200%	10/3/22	1,240	1,195
Province of Quebec	3.500%	7/29/20	5,453	5,529
Province of Quebec	2.750%	8/25/21	23,125	22,949
Province of Quebec	2.375%	1/31/22	23,500	22,978
Province of Quebec	2.625%	2/13/23	375	368
Republic of Chile	3.875%	8/5/20	5,503	5,579
Republic of Chile	3.250%	9/14/21	7,649	7,641
Republic of Chile	2.250%	10/30/22	1,560	1,488
Republic of Colombia	11.750%	2/25/20	5,522	6,267
Republic of Colombia	4.375%	7/12/21	22,842	23,390
Republic of Hungary	6.250%	1/29/20	21,922	22,933
Republic of Hungary	6.375%	3/29/21	30,071	32,138
Republic of Hungary	5.375%	2/21/23	775	821
Republic of Indonesia	2.950%	1/11/23	7,420	7,047
Republic of Panama	5.200%	1/30/20	18,345	18,950
Republic of Poland	6.375%	7/15/19	12,463	12,914
Republic of Poland	5.125%	4/21/21	11,965	12,563
Republic of Poland	5.000%	3/23/22	28,651	30,227
Republic of Poland	3.000%	3/17/23	12,805	12,517
Republic of the Philippines	6.500%	1/20/20	50	52
Republic of the Philippines	4.000%	1/15/21	3,502	3,536
State of Israel	4.000%	6/30/22	12,075	12,369
Svensk Exportkredit AB	1.125%	8/28/19	7,700	7,575
Svensk Exportkredit AB	1.750%	5/18/20	12,420	12,184
Svensk Exportkredit AB	1.875%	6/23/20	10,250	10,068
Svensk Exportkredit AB	1.750%	8/28/20	60	59
Svensk Exportkredit AB	1.750%	3/10/21	9,050	8,786
Svensk Exportkredit AB	2.875%	5/22/21	10,000	10,008
Svensk Exportkredit AB	2.375%	3/9/22	750	735
Svensk Exportkredit AB	2.000%	8/30/22	7,900	7,604
Svensk Exportkredit AB	2.875%	3/14/23	6,500	6,458
Syngenta Finance NV	3.125%	3/28/22	3,615	3,448
United Mexican States	3.500%	1/21/21	9,699	9,688
United Mexican States	3.625%	3/15/22	28,933	28,865

Total Sovereign Bonds (Cost \$3,915,062)

3,839,641

Taxable Municipal Bonds (0.1%)

California GO	6.200%	10/1/19	3,725	3,893
California GO	2.800%	4/1/21	3,100	3,093
California GO	5.700%	11/1/21	5,330	5,793
California GO	2.367%	4/1/22	1,000	974
Emory University Georgia GO	5.625%	9/1/19	1,605	1,653
Energy Northwest Washington Electric Revenue (Columbia Generating Station)	2.197%	7/1/19	1,235	1,230
Florida Board of Administration Finance Corp. Revenue	2.163%	7/1/19	7,000	6,957
Florida Board of Administration Finance Corp. Revenue	2.638%	7/1/21	4,500	4,458
Florida Hurricane Catastrophe Fund Finance Corp. Revenue	2.995%	7/1/20	8,995	9,020
Illinois GO	4.950%	6/1/23	9,039	9,197
Massachusetts GO	4.200%	12/1/21	2,500	2,579
¹⁰ New Jersey Economic Development Authority Lease Revenue	0.000%	2/15/22	5,000	4,405
¹⁰ New Jersey Economic Development Authority Revenue	0.000%	2/15/20	1,380	1,310
New York State Urban Development Corp. Revenue	2.100%	3/15/22	1,270	1,248

Vanguard® Short-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Oregon GO	5.762%	6/1/23	1,559	1,683
University of California Revenue	1.796%	7/1/19	5,220	5,181
Total Taxable Municipal Bonds (Cost \$63,154)				62,674
Shares				
Temporary Cash Investment (1.1%)				
Money Market Fund (1.1%)				
¹¹ Vanguard Market Liquidity Fund				
(Cost \$533,459)	2.122%		5,334,215	533,475
Total Investments (100.5%) (Cost \$52,314,233)				51,289,459
Other Assets and Liabilities—Net (-0.5%)				(232,551)
Net Assets (100%)				51,056,908

1 U.S. government-guaranteed.

2 The issuer operates under a congressional charter; its securities are generally neither guaranteed by the U.S. Treasury nor backed by the full faith and credit of the U.S. government.

3 The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.

4 The average or expected maturity is shorter than the final maturity shown because of the possibility of interim principal payments and prepayments or the possibility of the issue being called.

5 Security exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At June 30, 2018, the aggregate value of these securities was \$172,600,000, representing 0.3% of net assets.

6 Guaranteed by the Government of Canada.

7 Guaranteed by the Federal Republic of Germany.

8 Guaranteed by the Government of Japan.

9 Guaranteed by the Republic of Austria.

10 Scheduled principal and interest payments are guaranteed by AGM (Assured Guaranty Municipal Corporation).

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

GO—General Obligation Bond.

REIT—Real Estate Investment Trust.

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
U.S. Government and Agency Obligations (53.3%)				
U.S. Government Securities (52.5%)				
United States Treasury Note/Bond	1.375%	6/30/23	45,000	42,138
United States Treasury Note/Bond	2.500%	8/15/23	499,715	493,778
United States Treasury Note/Bond	6.250%	8/15/23	26,363	30,754
United States Treasury Note/Bond	1.375%	8/31/23	310,125	289,629
United States Treasury Note/Bond	1.375%	9/30/23	202,400	188,770
United States Treasury Note/Bond	1.625%	10/31/23	28,105	26,524
United States Treasury Note/Bond	2.750%	11/15/23	680,777	680,355
United States Treasury Note/Bond	2.125%	11/30/23	355,340	343,902
United States Treasury Note/Bond	2.250%	12/31/23	114,279	111,244
United States Treasury Note/Bond	2.250%	1/31/24	124,195	120,818
United States Treasury Note/Bond	2.750%	2/15/24	322,737	322,233
United States Treasury Note/Bond	2.125%	2/29/24	875,345	845,391
United States Treasury Note/Bond	2.125%	3/31/24	310,775	299,898
United States Treasury Note/Bond	2.000%	4/30/24	127,010	121,651
United States Treasury Note/Bond	2.500%	5/15/24	678,624	667,807
United States Treasury Note/Bond	2.000%	5/31/24	350,350	335,243
United States Treasury Note/Bond	2.000%	6/30/24	332,240	317,705
United States Treasury Note/Bond	2.125%	7/31/24	187,650	180,613
United States Treasury Note/Bond	2.375%	8/15/24	448,049	437,269
United States Treasury Note/Bond	1.875%	8/31/24	243,078	230,506
United States Treasury Note/Bond	2.125%	9/30/24	371,965	357,551
United States Treasury Note/Bond	2.250%	10/31/24	87,120	84,316
United States Treasury Note/Bond	2.250%	11/15/24	414,024	400,502
United States Treasury Note/Bond	2.125%	11/30/24	430,400	413,184
United States Treasury Note/Bond	2.250%	12/31/24	233,500	225,767
United States Treasury Note/Bond	2.500%	1/31/25	331,925	325,804
United States Treasury Note/Bond	2.000%	2/15/25	458,951	436,361
United States Treasury Note/Bond	2.750%	2/28/25	430,616	429,001
United States Treasury Note/Bond	2.625%	3/31/25	202,390	200,050
United States Treasury Note/Bond	2.875%	4/30/25	131,625	132,119
United States Treasury Note/Bond	2.125%	5/15/25	591,160	565,575
United States Treasury Note/Bond	2.875%	5/31/25	440,215	441,795
United States Treasury Note/Bond	2.750%	6/30/25	94,150	93,738
United States Treasury Note/Bond	2.000%	8/15/25	594,527	563,035
United States Treasury Note/Bond	6.875%	8/15/25	47,479	59,875
United States Treasury Note/Bond	2.250%	11/15/25	433,742	417,138
United States Treasury Note/Bond	1.625%	2/15/26	653,299	599,199
United States Treasury Note/Bond	1.625%	5/15/26	679,848	621,741
United States Treasury Note/Bond	1.500%	8/15/26	595,211	537,362
United States Treasury Note/Bond	2.000%	11/15/26	615,297	576,459
United States Treasury Note/Bond	2.250%	2/15/27	669,565	638,705
United States Treasury Note/Bond	2.375%	5/15/27	633,742	610,078
United States Treasury Note/Bond	2.250%	8/15/27	575,586	547,526
United States Treasury Note/Bond	2.250%	11/15/27	604,445	574,223
United States Treasury Note/Bond	2.750%	2/15/28	629,730	623,924
United States Treasury Note/Bond	2.875%	5/15/28	605,553	606,498
				17,167,754
Agency Bonds and Notes (0.8%)				
¹ AID-Israel	5.500%	9/18/23	4,300	4,832
¹ AID-Israel	5.500%	12/4/23	8,000	9,030
¹ AID-Israel	5.500%	4/26/24	12,058	13,662
¹ AID-Jordan	3.000%	6/30/25	4,675	4,647
² Federal Farm Credit Banks	3.500%	12/20/23	4,250	4,385
² Federal Home Loan Banks	2.875%	6/14/24	20,000	19,941
² Federal Home Loan Banks	5.375%	8/15/24	100	113
² Federal Home Loan Banks	2.875%	9/13/24	20,000	19,905
³ Federal National Mortgage Assn.	2.625%	9/6/24	102,020	100,445
³ Federal National Mortgage Assn.	2.125%	4/24/26	23,500	21,989
³ Federal National Mortgage Assn.	1.875%	9/24/26	24,300	22,208
Private Export Funding Corp.	3.550%	1/15/24	3,500	3,598
Private Export Funding Corp.	2.450%	7/15/24	3,350	3,245

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Private Export Funding Corp.	3.250%	6/15/25	1,675	1,690
² Tennessee Valley Authority	2.875%	9/15/24	7,875	7,815
² Tennessee Valley Authority	6.750%	11/1/25	6,830	8,438
² Tennessee Valley Authority	2.875%	2/1/27	12,000	11,739
				257,682
Total U.S. Government and Agency Obligations (Cost \$18,098,537)				17,425,436
Corporate Bonds (40.5%)				
Finance (14.7%)				
Banking (10.0%)				
American Express Co.	3.000%	10/30/24	14,790	14,138
American Express Co.	3.625%	12/5/24	6,505	6,384
American Express Credit Corp.	3.300%	5/3/27	20,687	19,880
Australia & New Zealand Banking Group Ltd.	3.700%	11/16/25	5,175	5,140
Banco Santander SA	5.179%	11/19/25	10,492	10,570
Banco Santander SA	4.250%	4/11/27	11,228	10,645
Banco Santander SA	3.800%	2/23/28	9,600	8,771
Banco Santander SA	4.379%	4/12/28	11,000	10,495
Bank of America Corp.	4.100%	7/24/23	18,989	19,243
Bank of America Corp.	4.125%	1/22/24	21,376	21,703
Bank of America Corp.	4.000%	4/1/24	7,815	7,868
Bank of America Corp.	4.200%	8/26/24	28,307	28,449
Bank of America Corp.	4.000%	1/22/25	32,480	32,044
Bank of America Corp.	3.950%	4/21/25	18,778	18,386
⁴ Bank of America Corp.	3.093%	10/1/25	16,825	16,063
⁴ Bank of America Corp.	3.366%	1/23/26	19,850	19,023
Bank of America Corp.	4.450%	3/3/26	32,245	32,313
Bank of America Corp.	3.500%	4/19/26	23,791	23,006
Bank of America Corp.	4.250%	10/22/26	18,867	18,585
Bank of America Corp.	3.248%	10/21/27	23,080	21,458
Bank of America Corp.	4.183%	11/25/27	14,858	14,464
⁴ Bank of America Corp.	3.824%	1/20/28	21,875	21,325
⁴ Bank of America Corp.	3.705%	4/24/28	12,841	12,334
⁴ Bank of America Corp.	3.593%	7/21/28	16,969	16,106
Bank of America Corp.	3.419%	12/20/28	59,166	55,691
⁴ Bank of America Corp.	3.970%	3/5/29	20,000	19,673
⁴ Bank of Montreal	3.803%	12/15/32	12,800	11,861
Bank of New York Mellon Corp.	2.200%	8/16/23	12,820	12,001
Bank of New York Mellon Corp.	3.650%	2/4/24	633	635
Bank of New York Mellon Corp.	3.400%	5/15/24	6,375	6,281
Bank of New York Mellon Corp.	3.250%	9/11/24	9,031	8,822
Bank of New York Mellon Corp.	3.000%	2/24/25	8,978	8,628
Bank of New York Mellon Corp.	2.800%	5/4/26	3,410	3,212
Bank of New York Mellon Corp.	2.450%	8/17/26	12,030	11,002
Bank of New York Mellon Corp.	3.250%	5/16/27	8,660	8,333
Bank of New York Mellon Corp.	3.400%	1/29/28	10,400	10,161
⁴ Bank of New York Mellon Corp.	3.442%	2/7/28	8,000	7,805
Bank of Nova Scotia	4.500%	12/16/25	11,696	11,676
Bank One Corp.	8.000%	4/29/27	6,985	8,774
Barclays plc	3.650%	3/16/25	15,275	14,272
Barclays plc	4.375%	1/12/26	23,739	23,113
Barclays plc	4.337%	1/10/28	7,000	6,633
⁴ Barclays plc	4.972%	5/16/29	15,600	15,474
BB&T Corp.	2.850%	10/26/24	7,700	7,294
BB&T Corp.	3.700%	6/5/25	8,000	7,962
BNP Paribas SA	4.250%	10/15/24	7,266	7,147
BPCE SA	4.000%	4/15/24	16,476	16,473
BPCE SA	3.375%	12/2/26	3,250	3,076
Branch Banking & Trust Co.	3.625%	9/16/25	18,020	17,729
Branch Banking & Trust Co.	3.800%	10/30/26	750	744
Capital One Financial Corp.	3.750%	4/24/24	8,550	8,366
Capital One Financial Corp.	3.300%	10/30/24	13,525	12,836
Capital One Financial Corp.	3.200%	2/5/25	11,211	10,512

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

		Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
	Capital One Financial Corp.	4.250%	4/30/25	4,500	4,464
	Capital One Financial Corp.	4.200%	10/29/25	10,057	9,747
	Capital One Financial Corp.	3.750%	7/28/26	15,947	14,770
	Capital One Financial Corp.	3.750%	3/9/27	8,240	7,799
	Capital One Financial Corp.	3.800%	1/31/28	8,255	7,767
4.5	Citicorp Lease Pass-Through Trust 1999-1	8.040%	12/15/19	1,563	1,667
	Citigroup Inc.	3.875%	10/25/23	7,901	7,908
	Citigroup Inc.	3.750%	6/16/24	5,079	5,045
	Citigroup Inc.	4.000%	8/5/24	780	763
	Citigroup Inc.	3.875%	3/26/25	13,820	13,403
	Citigroup Inc.	3.300%	4/27/25	5,693	5,458
	Citigroup Inc.	4.400%	6/10/25	29,651	29,464
	Citigroup Inc.	5.500%	9/13/25	5,165	5,490
	Citigroup Inc.	3.700%	1/12/26	23,822	23,080
	Citigroup Inc.	4.600%	3/9/26	14,625	14,543
	Citigroup Inc.	3.400%	5/1/26	10,352	9,820
	Citigroup Inc.	3.200%	10/21/26	31,447	29,206
	Citigroup Inc.	4.300%	11/20/26	8,975	8,736
	Citigroup Inc.	4.450%	9/29/27	24,651	24,126
4	Citigroup Inc.	3.887%	1/10/28	28,735	27,823
	Citigroup Inc.	6.625%	1/15/28	2,875	3,365
4	Citigroup Inc.	3.668%	7/24/28	27,450	26,067
4	Citigroup Inc.	3.520%	10/27/28	24,855	23,336
4	Citigroup Inc.	4.075%	4/23/29	14,145	13,829
	Citizens Financial Group Inc.	4.350%	8/1/25	20	20
	Citizens Financial Group Inc.	4.300%	12/3/25	5,700	5,662
	Comerica Bank	4.000%	7/27/25	1,925	1,906
	Compass Bank	3.875%	4/10/25	2,150	2,086
	Cooperatieve Rabobank UA	4.625%	12/1/23	16,367	16,462
	Cooperatieve Rabobank UA	3.375%	5/21/25	11,970	11,660
	Cooperatieve Rabobank UA	4.375%	8/4/25	10,997	10,766
	Cooperatieve Rabobank UA	3.750%	7/21/26	10,370	9,672
	Credit Suisse AG	3.625%	9/9/24	28,312	27,847
5	Credit Suisse Group AG	3.574%	1/9/23	7,000	6,857
5	Credit Suisse Group AG	4.282%	1/9/28	4,500	4,361
	Credit Suisse Group Funding Guernsey Ltd.	3.750%	3/26/25	15,997	15,327
	Credit Suisse Group Funding Guernsey Ltd.	4.550%	4/17/26	11,525	11,504
	Deutsche Bank AG	3.700%	5/30/24	14,080	13,069
	Deutsche Bank AG	4.100%	1/13/26	6,540	6,082
	Discover Bank	4.200%	8/8/23	9,272	9,354
	Discover Bank	4.250%	3/13/26	2,100	2,067
	Discover Bank	3.450%	7/27/26	7,264	6,736
	Discover Financial Services	3.950%	11/6/24	4,675	4,560
	Discover Financial Services	3.750%	3/4/25	5,395	5,144
	Discover Financial Services	4.100%	2/9/27	6,550	6,278
	Fifth Third Bancorp	4.300%	1/16/24	6,000	6,098
	Fifth Third Bancorp	3.950%	3/14/28	3,500	3,440
	Fifth Third Bank	3.850%	3/15/26	8,240	8,103
	FirstMerit Bank NA	4.270%	11/25/26	1,225	1,218
	Goldman Sachs Group Inc.	4.000%	3/3/24	25,448	25,401
	Goldman Sachs Group Inc.	3.850%	7/8/24	28,670	28,414
	Goldman Sachs Group Inc.	3.500%	1/23/25	40,328	38,939
	Goldman Sachs Group Inc.	3.750%	5/22/25	4,250	4,136
4	Goldman Sachs Group Inc.	3.272%	9/29/25	25,025	23,753
	Goldman Sachs Group Inc.	4.250%	10/21/25	22,305	21,938
	Goldman Sachs Group Inc.	3.750%	2/25/26	19,615	18,942
	Goldman Sachs Group Inc.	3.500%	11/16/26	23,710	22,218
	Goldman Sachs Group Inc.	5.950%	1/15/27	7,200	7,797
	Goldman Sachs Group Inc.	3.850%	1/26/27	30,522	29,287
4	Goldman Sachs Group Inc.	3.691%	6/5/28	20,800	19,711
4	Goldman Sachs Group Inc.	3.814%	4/23/29	24,000	22,745
4	Goldman Sachs Group Inc.	4.223%	5/1/29	27,092	26,676
	HSBC Holdings plc	4.250%	3/14/24	15,624	15,543
	HSBC Holdings plc	4.250%	8/18/25	15,212	14,949

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
HSBC Holdings plc	4.300%	3/8/26	32,135	32,224
HSBC Holdings plc	3.900%	5/25/26	25,510	24,821
HSBC Holdings plc	4.375%	11/23/26	14,075	13,783
4 HSBC Holdings plc	4.041%	3/13/28	14,700	14,232
4 HSBC Holdings plc	4.583%	6/19/29	27,250	27,524
HSBC USA Inc.	3.500%	6/23/24	5,745	5,652
Huntington Bancshares Inc.	4.000%	5/15/25	4,150	4,155
ING Groep NV	3.950%	3/29/27	14,035	13,723
Intesa Sanpaolo SPA	5.250%	1/12/24	8,879	8,654
JPMorgan Chase & Co.	3.875%	2/1/24	20,460	20,592
JPMorgan Chase & Co.	3.625%	5/13/24	20,730	20,588
JPMorgan Chase & Co.	3.875%	9/10/24	41,490	41,037
JPMorgan Chase & Co.	3.125%	1/23/25	27,786	26,571
4 JPMorgan Chase & Co.	3.220%	3/1/25	17,562	16,936
JPMorgan Chase & Co.	3.900%	7/15/25	21,924	21,862
JPMorgan Chase & Co.	3.300%	4/1/26	42,310	40,389
JPMorgan Chase & Co.	3.200%	6/15/26	18,895	17,866
JPMorgan Chase & Co.	2.950%	10/1/26	36,807	34,169
JPMorgan Chase & Co.	4.125%	12/15/26	21,766	21,458
JPMorgan Chase & Co.	4.250%	10/1/27	14,028	13,852
4 JPMorgan Chase & Co.	3.782%	2/1/28	17,453	17,010
4 JPMorgan Chase & Co.	3.540%	5/1/28	11,012	10,538
4 JPMorgan Chase & Co.	3.509%	1/23/29	8,975	8,470
4 JPMorgan Chase & Co.	4.005%	4/23/29	16,150	15,941
KeyBank NA	3.300%	6/1/25	3,000	2,915
KeyBank NA	3.400%	5/20/26	7,450	7,089
KeyCorp	4.100%	4/30/28	5,000	4,977
Lloyds Banking Group plc	4.500%	11/4/24	12,055	11,857
Lloyds Banking Group plc	4.450%	5/8/25	13,500	13,584
Lloyds Banking Group plc	4.582%	12/10/25	21,189	20,726
Lloyds Banking Group plc	4.650%	3/24/26	1,980	1,946
Lloyds Banking Group plc	3.750%	1/11/27	5,335	5,037
Lloyds Banking Group plc	4.375%	3/22/28	18,000	17,689
4 Lloyds Banking Group plc	3.574%	11/7/28	21,120	19,433
Manufacturers & Traders Trust Co.	2.900%	2/6/25	6,755	6,477
Manufacturers & Traders Trust Co.	3.400%	8/17/27	6,200	5,993
Mitsubishi UFJ Financial Group Inc.	2.527%	9/13/23	3,700	3,496
Mitsubishi UFJ Financial Group Inc.	3.777%	3/2/25	7,000	6,982
Mitsubishi UFJ Financial Group Inc.	3.850%	3/1/26	20,680	20,575
Mitsubishi UFJ Financial Group Inc.	2.757%	9/13/26	11,000	10,113
Mitsubishi UFJ Financial Group Inc.	3.677%	2/22/27	9,060	8,882
Mitsubishi UFJ Financial Group Inc.	3.287%	7/25/27	18,500	17,605
Mitsubishi UFJ Financial Group Inc.	3.961%	3/2/28	6,500	6,476
Mizuho Financial Group Inc.	2.839%	9/13/26	7,000	6,443
Mizuho Financial Group Inc.	3.663%	2/28/27	2,750	2,676
Mizuho Financial Group Inc.	3.170%	9/11/27	9,800	9,132
Mizuho Financial Group Inc.	4.018%	3/5/28	9,500	9,456
Morgan Stanley	3.875%	4/29/24	24,324	24,309
Morgan Stanley	3.700%	10/23/24	32,507	32,099
Morgan Stanley	4.000%	7/23/25	37,155	36,914
Morgan Stanley	5.000%	11/24/25	18,677	19,321
Morgan Stanley	3.875%	1/27/26	17,493	17,220
Morgan Stanley	3.125%	7/27/26	32,775	30,328
Morgan Stanley	6.250%	8/9/26	1,543	1,743
Morgan Stanley	4.350%	9/8/26	26,983	26,550
Morgan Stanley	3.625%	1/20/27	32,400	31,194
Morgan Stanley	3.950%	4/23/27	11,635	11,046
4 Morgan Stanley	3.591%	7/22/28	28,474	26,918
4 Morgan Stanley	3.772%	1/24/29	22,800	21,905
MUFG Americas Holdings Corp.	3.000%	2/10/25	5,207	4,987
National Australia Bank Ltd.	3.375%	1/14/26	3,000	2,893
National Australia Bank Ltd.	2.500%	7/12/26	13,805	12,478
Northern Trust Corp.	3.950%	10/30/25	2,300	2,343
4 Northern Trust Corp.	3.375%	5/8/32	3,050	2,873

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
People's United Bank NA	4.000%	7/15/24	1,675	1,670
PNC Bank NA	3.800%	7/25/23	11,591	11,635
PNC Bank NA	3.300%	10/30/24	4,587	4,497
PNC Bank NA	2.950%	2/23/25	4,541	4,353
PNC Bank NA	3.250%	6/1/25	8,385	8,141
PNC Bank NA	4.200%	11/1/25	3,300	3,354
PNC Bank NA	3.100%	10/25/27	8,550	8,093
PNC Bank NA	3.250%	1/22/28	7,000	6,669
PNC Financial Services Group Inc.	3.900%	4/29/24	8,550	8,565
PNC Financial Services Group Inc.	3.150%	5/19/27	9,860	9,362
Royal Bank of Canada	4.650%	1/27/26	15,474	15,734
Royal Bank of Scotland Group plc	3.875%	9/12/23	22,713	22,079
Royal Bank of Scotland Group plc	4.800%	4/5/26	8,964	9,000
4 Royal Bank of Scotland Group plc	4.892%	5/18/29	21,000	20,824
Santander Holdings USA Inc.	4.500%	7/17/25	14,505	14,183
Santander Holdings USA Inc.	4.400%	7/13/27	10,600	10,064
4 Santander UK Group Holdings plc	3.823%	11/3/28	10,150	9,305
Santander UK plc	4.000%	3/13/24	10,924	10,961
State Street Corp.	3.700%	11/20/23	7,073	7,171
State Street Corp.	3.300%	12/16/24	9,940	9,766
State Street Corp.	3.550%	8/18/25	8,063	8,044
State Street Corp.	2.650%	5/19/26	8,540	8,006
Sumitomo Mitsui Banking Corp.	3.950%	7/19/23	4,975	5,047
Sumitomo Mitsui Banking Corp.	3.950%	1/10/24	2,375	2,381
Sumitomo Mitsui Banking Corp.	3.400%	7/11/24	3,575	3,485
Sumitomo Mitsui Banking Corp.	3.650%	7/23/25	1,400	1,371
Sumitomo Mitsui Financial Group Inc.	3.784%	3/9/26	15,780	15,611
Sumitomo Mitsui Financial Group Inc.	2.632%	7/14/26	21,271	19,335
Sumitomo Mitsui Financial Group Inc.	3.010%	10/19/26	12,350	11,555
Sumitomo Mitsui Financial Group Inc.	3.446%	1/11/27	10,800	10,412
Sumitomo Mitsui Financial Group Inc.	3.364%	7/12/27	18,296	17,480
Sumitomo Mitsui Financial Group Inc.	3.352%	10/18/27	975	930
Sumitomo Mitsui Financial Group Inc.	3.544%	1/17/28	15,000	14,582
SunTrust Bank	2.750%	5/1/23	3,525	3,403
SunTrust Bank	3.300%	5/15/26	5,250	4,954
SunTrust Banks Inc.	4.000%	5/1/25	4,000	4,010
SVB Financial Group	3.500%	1/29/25	3,825	3,703
Synchrony Financial	4.250%	8/15/24	15,915	15,563
Synchrony Financial	4.500%	7/23/25	18,280	17,927
Synchrony Financial	3.700%	8/4/26	7,444	6,822
4 Toronto-Dominion Bank	3.625%	9/15/31	14,300	13,450
US Bancorp	3.700%	1/30/24	4,985	5,029
US Bancorp	3.600%	9/11/24	8,004	7,888
US Bancorp	3.100%	4/27/26	7,370	6,939
US Bancorp	2.375%	7/22/26	7,775	7,055
US Bancorp	3.150%	4/27/27	12,000	11,519
US Bancorp	3.900%	4/26/28	10,000	10,133
US Bank NA	2.800%	1/27/25	11,205	10,599
Wells Fargo & Co.	4.125%	8/15/23	13,562	13,629
Wells Fargo & Co.	4.480%	1/16/24	6,419	6,553
Wells Fargo & Co.	3.300%	9/9/24	22,277	21,422
Wells Fargo & Co.	3.000%	2/19/25	23,328	21,985
Wells Fargo & Co.	3.550%	9/29/25	21,299	20,640
Wells Fargo & Co.	3.000%	4/22/26	35,049	32,194
Wells Fargo & Co.	4.100%	6/3/26	24,761	24,258
Wells Fargo & Co.	3.000%	10/23/26	30,942	28,490
Wells Fargo & Co.	4.300%	7/22/27	23,575	23,199
4 Wells Fargo & Co.	3.584%	5/22/28	25,875	24,783
Westpac Banking Corp.	2.850%	5/13/26	11,500	10,655
Westpac Banking Corp.	2.700%	8/19/26	11,500	10,458
Westpac Banking Corp.	3.350%	3/8/27	10,500	10,028
4 Westpac Banking Corp.	4.322%	11/23/31	17,500	16,745

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Brokerage (0.6%)				
Affiliated Managers Group Inc.	4.250%	2/15/24	2,975	3,026
Affiliated Managers Group Inc.	3.500%	8/1/25	3,125	3,038
Ameriprise Financial Inc.	4.000%	10/15/23	9,003	9,169
Ameriprise Financial Inc.	3.700%	10/15/24	7,750	7,712
Ameriprise Financial Inc.	2.875%	9/15/26	2,280	2,122
BlackRock Inc.	3.500%	3/18/24	16,479	16,586
BlackRock Inc.	3.200%	3/15/27	1,562	1,504
Brookfield Asset Management Inc.	4.000%	1/15/25	5,910	5,824
Brookfield Finance Inc.	4.250%	6/2/26	2,600	2,559
Brookfield Finance Inc.	3.900%	1/25/28	6,800	6,406
Brookfield Finance LLC	4.000%	4/1/24	6,350	6,280
Cboe Global Markets Inc.	3.650%	1/12/27	6,023	5,828
Charles Schwab Corp.	3.850%	5/21/25	5,625	5,670
Charles Schwab Corp.	3.450%	2/13/26	3,585	3,547
Charles Schwab Corp.	3.200%	3/2/27	6,840	6,510
Charles Schwab Corp.	3.200%	1/25/28	5,150	4,913
CME Group Inc.	3.000%	3/15/25	2,650	2,557
CME Group Inc.	3.750%	6/15/28	2,200	2,212
E*TRADE Financial Corp.	3.800%	8/24/27	4,000	3,822
E*TRADE Financial Corp.	4.500%	6/20/28	2,050	2,051
Eaton Vance Corp.	3.500%	4/6/27	3,370	3,279
Franklin Resources Inc.	2.850%	3/30/25	4,165	3,937
Intercontinental Exchange Inc.	4.000%	10/15/23	4,455	4,549
Intercontinental Exchange Inc.	3.750%	12/1/25	12,255	12,159
Intercontinental Exchange Inc.	3.100%	9/15/27	3,200	2,990
Invesco Finance plc	4.000%	1/30/24	6,975	7,010
Invesco Finance plc	3.750%	1/15/26	6,250	6,147
Janus Capital Group Inc.	4.875%	8/1/25	2,660	2,733
Jefferies Financial Group Inc.	5.500%	10/18/23	6,829	7,033
Jefferies Group LLC	4.850%	1/15/27	8,548	8,311
Lazard Group LLC	3.750%	2/13/25	2,575	2,508
Lazard Group LLC	3.625%	3/1/27	5,950	5,589
Legg Mason Inc.	3.950%	7/15/24	1,750	1,736
Legg Mason Inc.	4.750%	3/15/26	3,395	3,508
Nasdaq Inc.	4.250%	6/1/24	1,155	1,163
Nasdaq Inc.	3.850%	6/30/26	8,460	8,187
Raymond James Financial Inc.	3.625%	9/15/26	4,586	4,427
Stifel Financial Corp.	4.250%	7/18/24	4,835	4,813
TD Ameritrade Holding Corp.	3.625%	4/1/25	3,050	3,017
TD Ameritrade Holding Corp.	3.300%	4/1/27	8,664	8,259
Finance Companies (0.3%)				
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	3.500%	1/15/25	7,100	6,656
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	3.650%	7/21/27	9,192	8,365
AerCap Ireland Capital DAC / AerCap Global Aviation Trust	3.875%	1/23/28	5,400	4,982
Air Lease Corp.	3.875%	7/3/23	6,900	6,829
Air Lease Corp.	3.000%	9/15/23	6,664	6,311
Air Lease Corp.	4.250%	9/15/24	4,673	4,644
Air Lease Corp.	3.250%	3/1/25	11,200	10,336
Air Lease Corp.	3.625%	4/1/27	5,650	5,181
Air Lease Corp.	3.625%	12/1/27	2,000	1,823
Aircastle Ltd.	4.125%	5/1/24	1,250	1,198
Ares Capital Corp.	4.250%	3/1/25	6,200	5,984
GATX Corp.	3.250%	3/30/25	2,675	2,531
GATX Corp.	3.250%	9/15/26	1,800	1,662
GATX Corp.	3.850%	3/30/27	2,650	2,525
GATX Corp.	3.500%	3/15/28	2,825	2,606
GE Capital International Funding Co. Unlimited Co.	3.373%	11/15/25	17,661	16,887
Insurance (1.8%)				
⁴ Aegon NV	5.500%	4/11/48	7,290	6,962

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)	
	Aetna Inc.	3.500%	11/15/24	8,188	7,934
	Aflac Inc.	3.625%	11/15/24	11,970	11,854
	Aflac Inc.	3.250%	3/17/25	3,525	3,416
	Aflac Inc.	2.875%	10/15/26	2,975	2,774
	Allied World Assurance Co. Holdings Ltd.	4.350%	10/29/25	5,778	5,608
	Allstate Corp.	3.280%	12/15/26	7,405	7,115
4	Allstate Corp.	5.750%	8/15/53	6,710	6,911
	American Financial Group Inc.	3.500%	8/15/26	4,200	3,937
	American International Group Inc.	4.125%	2/15/24	12,411	12,447
	American International Group Inc.	3.750%	7/10/25	5,962	5,739
	American International Group Inc.	3.900%	4/1/26	11,609	11,201
	American International Group Inc.	4.200%	4/1/28	7,000	6,846
4	American International Group Inc.	5.750%	4/1/48	6,900	6,845
	Anthem Inc.	3.500%	8/15/24	10,162	9,885
	Anthem Inc.	3.350%	12/1/24	8,355	8,086
	Anthem Inc.	3.650%	12/1/27	9,750	9,230
	Anthem Inc.	4.101%	3/1/28	14,500	14,238
	Aon plc	4.000%	11/27/23	1,950	1,966
	Aon plc	3.500%	6/14/24	5,720	5,568
	Aon plc	3.875%	12/15/25	14,645	14,429
	Arch Capital Finance LLC	4.011%	12/15/26	4,740	4,661
	Aspen Insurance Holdings Ltd.	4.650%	11/15/23	6,225	6,357
	Assurant Inc.	4.200%	9/27/23	2,000	1,998
	Assurant Inc.	4.900%	3/27/28	3,500	3,514
	Assured Guaranty US Holdings Inc.	5.000%	7/1/24	4,700	4,853
	Athene Holding Ltd.	4.125%	1/12/28	9,575	8,828
5	AXA Equitable Holdings Inc.	4.350%	4/20/28	20,325	19,407
	AXA Financial Inc.	7.000%	4/1/28	1,250	1,440
	AXIS Specialty Finance plc	4.000%	12/6/27	3,075	2,904
	Berkshire Hathaway Inc.	3.125%	3/15/26	28,515	27,412
	Brighthouse Financial Inc.	3.700%	6/22/27	13,870	12,351
	Brown & Brown Inc.	4.200%	9/15/24	5,255	5,242
	Chubb INA Holdings Inc.	3.350%	5/15/24	5,735	5,643
	Chubb INA Holdings Inc.	3.150%	3/15/25	9,148	8,827
	Chubb INA Holdings Inc.	3.350%	5/3/26	11,871	11,499
	Cigna Corp.	3.250%	4/15/25	9,500	8,893
	Cigna Corp.	3.050%	10/15/27	3,885	3,495
	Cincinnati Financial Corp.	6.920%	5/15/28	3,200	3,895
	CNA Financial Corp.	3.950%	5/15/24	5,230	5,207
	CNA Financial Corp.	4.500%	3/1/26	5,839	5,928
	CNA Financial Corp.	3.450%	8/15/27	3,553	3,291
5	Fairfax Financial Holdings Ltd.	4.850%	4/17/28	5,500	5,439
	First American Financial Corp.	4.600%	11/15/24	2,700	2,700
	Hanover Insurance Group Inc.	4.500%	4/15/26	4,700	4,658
	Humana Inc.	3.850%	10/1/24	6,496	6,466
	Humana Inc.	3.950%	3/15/27	5,475	5,393
	Kemper Corp.	4.350%	2/15/25	2,500	2,469
	Lincoln National Corp.	4.000%	9/1/23	5,400	5,459
	Lincoln National Corp.	3.350%	3/9/25	700	669
	Lincoln National Corp.	3.625%	12/12/26	5,083	4,829
	Loews Corp.	3.750%	4/1/26	780	764
	Manulife Financial Corp.	4.150%	3/4/26	10,437	10,419
4	Manulife Financial Corp.	4.061%	2/24/32	6,935	6,575
	Markel Corp.	3.500%	11/1/27	2,500	2,345
	Marsh & McLennan Cos. Inc.	4.050%	10/15/23	2,000	2,030
	Marsh & McLennan Cos. Inc.	3.500%	6/3/24	12,140	11,965
	Marsh & McLennan Cos. Inc.	3.500%	3/10/25	3,250	3,173
	Marsh & McLennan Cos. Inc.	3.750%	3/14/26	5,957	5,891
	Mercury General Corp.	4.400%	3/15/27	3,465	3,358
	MetLife Inc.	4.368%	9/15/23	4,682	4,851
	MetLife Inc.	3.600%	4/10/24	9,169	9,081
	MetLife Inc.	3.000%	3/1/25	3,150	2,993
	MetLife Inc.	3.600%	11/13/25	7,365	7,235
	Old Republic International Corp.	4.875%	10/1/24	4,625	4,788

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Old Republic International Corp.	3.875%	8/26/26	6,325	6,060
Principal Financial Group Inc.	3.400%	5/15/25	6,266	6,080
Principal Financial Group Inc.	3.100%	11/15/26	1,700	1,583
Progressive Corp.	2.450%	1/15/27	4,340	3,906
Prudential Financial Inc.	3.500%	5/15/24	11,050	10,961
Prudential Financial Inc.	3.878%	3/27/28	3,000	2,964
4 Prudential Financial Inc.	5.200%	3/15/44	5,525	5,518
4 Prudential Financial Inc.	5.375%	5/15/45	9,150	9,133
4 Prudential Financial Inc.	4.500%	9/15/47	7,675	7,085
Reinsurance Group of America Inc.	4.700%	9/15/23	4,258	4,422
Reinsurance Group of America Inc.	3.950%	9/15/26	1,700	1,637
RenaissanceRe Finance Inc.	3.700%	4/1/25	2,800	2,734
RenaissanceRe Finance Inc.	3.450%	7/1/27	1,800	1,695
Trinity Acquisition plc	4.400%	3/15/26	4,680	4,642
UnitedHealth Group Inc.	3.750%	7/15/25	14,945	14,941
UnitedHealth Group Inc.	3.100%	3/15/26	9,562	9,114
UnitedHealth Group Inc.	3.450%	1/15/27	3,154	3,060
UnitedHealth Group Inc.	3.375%	4/15/27	6,365	6,161
UnitedHealth Group Inc.	2.950%	10/15/27	9,400	8,775
UnitedHealth Group Inc.	3.850%	6/15/28	11,100	11,112
Unum Group	4.000%	3/15/24	4,120	4,071
Voya Financial Inc.	3.125%	7/15/24	5,290	4,988
Voya Financial Inc.	3.650%	6/15/26	3,504	3,285
Willis North America Inc.	3.600%	5/15/24	6,055	5,844
XLIT Ltd.	6.375%	11/15/24	4,387	4,832
XLIT Ltd.	4.450%	3/31/25	5,646	5,490
Other Finance (0.0%)				
ORIX Corp.	3.250%	12/4/24	5,950	5,682
ORIX Corp.	3.700%	7/18/27	4,000	3,852
Real Estate Investment Trusts (2.0%)				
Alexandria Real Estate Equities Inc.	4.000%	1/15/24	4,650	4,674
Alexandria Real Estate Equities Inc.	3.450%	4/30/25	5,700	5,440
Alexandria Real Estate Equities Inc.	4.300%	1/15/26	2,350	2,349
Alexandria Real Estate Equities Inc.	3.950%	1/15/28	3,000	2,872
American Campus Communities Operating Partnership LP	4.125%	7/1/24	2,700	2,690
American Campus Communities Operating Partnership LP	3.625%	11/15/27	500	467
American Homes 4 Rent LP	4.250%	2/15/28	1,950	1,867
AvalonBay Communities Inc.	4.200%	12/15/23	2,290	2,346
AvalonBay Communities Inc.	3.450%	6/1/25	9,067	8,850
AvalonBay Communities Inc.	3.500%	11/15/25	4,700	4,599
AvalonBay Communities Inc.	2.950%	5/11/26	5,638	5,269
AvalonBay Communities Inc.	2.900%	10/15/26	600	558
AvalonBay Communities Inc.	3.350%	5/15/27	4,575	4,379
AvalonBay Communities Inc.	3.200%	1/15/28	25	24
Boston Properties LP	3.125%	9/1/23	5,151	5,017
Boston Properties LP	3.800%	2/1/24	1,765	1,757
Boston Properties LP	3.200%	1/15/25	7,758	7,384
Boston Properties LP	3.650%	2/1/26	7,720	7,468
Boston Properties LP	2.750%	10/1/26	7,291	6,567
Brandywine Operating Partnership LP	3.950%	11/15/27	9,000	8,581
Brixmor Operating Partnership LP	3.250%	9/15/23	3,050	2,929
Brixmor Operating Partnership LP	3.650%	6/15/24	2,200	2,124
Brixmor Operating Partnership LP	3.850%	2/1/25	9,633	9,287
Brixmor Operating Partnership LP	4.125%	6/15/26	5,625	5,446
Brixmor Operating Partnership LP	3.900%	3/15/27	6,875	6,501
Columbia Property Trust Operating Partnership LP	4.150%	4/1/25	3,700	3,611
Columbia Property Trust Operating Partnership LP	3.650%	8/15/26	6,575	6,136
Corporate Office Properties LP	5.250%	2/15/24	2,975	3,087
CubeSmart LP	4.375%	12/15/23	2,575	2,608
CubeSmart LP	4.000%	11/15/25	825	809
CubeSmart LP	3.125%	9/1/26	4,350	3,994

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
DCT Industrial Operating Partnership LP	4.500%	10/15/23	2,975	3,080
DDR Corp.	3.900%	8/15/24	4,300	4,233
DDR Corp.	3.625%	2/1/25	6,400	6,078
DDR Corp.	4.250%	2/1/26	2,831	2,763
DDR Corp.	4.700%	6/1/27	3,775	3,800
Digital Realty Trust LP	4.750%	10/1/25	4,525	4,660
Digital Realty Trust LP	3.700%	8/15/27	7,625	7,240
Digital Realty Trust LP	4.450%	7/15/28	11,535	11,565
Duke Realty LP	3.750%	12/1/24	1,900	1,872
Duke Realty LP	3.250%	6/30/26	1,450	1,366
Duke Realty LP	3.375%	12/15/27	2,800	2,610
EPR Properties	5.250%	7/15/23	350	361
EPR Properties	4.500%	4/1/25	3,486	3,437
EPR Properties	4.750%	12/15/26	4,800	4,684
EPR Properties	4.500%	6/1/27	3,900	3,732
EPR Properties	4.950%	4/15/28	3,635	3,545
ERP Operating LP	3.375%	6/1/25	2,300	2,242
ERP Operating LP	2.850%	11/1/26	8,325	7,716
ERP Operating LP	3.250%	8/1/27	2,150	2,041
ERP Operating LP	3.500%	3/1/28	1,000	964
Essex Portfolio LP	3.875%	5/1/24	2,900	2,879
Essex Portfolio LP	3.500%	4/1/25	6,400	6,180
Essex Portfolio LP	3.375%	4/15/26	4,250	4,031
Essex Portfolio LP	3.625%	5/1/27	400	382
Federal Realty Investment Trust	3.250%	7/15/27	7,900	7,371
HCP Inc.	4.250%	11/15/23	5,970	6,009
HCP Inc.	4.200%	3/1/24	6,392	6,378
HCP Inc.	3.875%	8/15/24	15,925	15,570
HCP Inc.	3.400%	2/1/25	9,444	8,948
HCP Inc.	4.000%	6/1/25	4,062	3,979
Healthcare Realty Trust Inc.	3.625%	1/15/28	1,306	1,222
Healthcare Trust of America Holdings LP	3.500%	8/1/26	3,200	3,001
Healthcare Trust of America Holdings LP	3.750%	7/1/27	4,375	4,138
Highwoods Realty LP	3.875%	3/1/27	2,500	2,412
Highwoods Realty LP	4.125%	3/15/28	3,700	3,635
Hospitality Properties Trust	4.650%	3/15/24	4,160	4,167
Hospitality Properties Trust	4.500%	3/15/25	3,025	2,964
Hospitality Properties Trust	5.250%	2/15/26	3,230	3,281
Hospitality Properties Trust	4.950%	2/15/27	1,610	1,597
Hospitality Properties Trust	3.950%	1/15/28	2,000	1,817
Hospitality Properties Trust	4.375%	2/15/30	1,500	1,385
Host Hotels & Resorts LP	3.750%	10/15/23	3,059	2,998
Host Hotels & Resorts LP	3.875%	4/1/24	3,800	3,705
Host Hotels & Resorts LP	4.000%	6/15/25	4,830	4,671
Hudson Pacific Properties LP	3.950%	11/1/27	1,150	1,073
Kilroy Realty LP	3.450%	12/15/24	4,608	4,424
Kilroy Realty LP	4.375%	10/1/25	6,164	6,171
Kimco Realty Corp.	2.700%	3/1/24	1,000	929
Kimco Realty Corp.	3.300%	2/1/25	5,745	5,442
Kimco Realty Corp.	2.800%	10/1/26	6,650	5,909
Kimco Realty Corp.	3.800%	4/1/27	300	285
Kite Realty Group LP	4.000%	10/1/26	2,750	2,506
Liberty Property LP	3.375%	6/15/23	600	587
Liberty Property LP	4.400%	2/15/24	3,225	3,290
Liberty Property LP	3.750%	4/1/25	7,850	7,700
Liberty Property LP	3.250%	10/1/26	1,900	1,768
LifeStorage LP	3.500%	7/1/26	4,075	3,813
LifeStorage LP	3.875%	12/15/27	2,945	2,786
Mid-America Apartments LP	4.300%	10/15/23	3,050	3,120
Mid-America Apartments LP	3.750%	6/15/24	1,700	1,677
Mid-America Apartments LP	4.000%	11/15/25	4,150	4,112
Mid-America Apartments LP	3.600%	6/1/27	9,845	9,433
National Retail Properties Inc.	3.900%	6/15/24	4,825	4,774
National Retail Properties Inc.	4.000%	11/15/25	1,150	1,126

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
National Retail Properties Inc.	3.600%	12/15/26	3,150	2,996
Omega Healthcare Investors Inc.	4.375%	8/1/23	8,565	8,501
Omega Healthcare Investors Inc.	4.950%	4/1/24	2,950	2,991
Omega Healthcare Investors Inc.	4.500%	1/15/25	6,400	6,272
Omega Healthcare Investors Inc.	5.250%	1/15/26	6,145	6,191
Omega Healthcare Investors Inc.	4.500%	4/1/27	6,529	6,219
Omega Healthcare Investors Inc.	4.750%	1/15/28	1,500	1,446
Physicians Realty LP	4.300%	3/15/27	2,950	2,849
Physicians Realty LP	3.950%	1/15/28	1,500	1,403
Piedmont Operating Partnership LP	4.450%	3/15/24	5,925	5,965
Prologis LP	4.250%	8/15/23	8,635	8,906
Prologis LP	3.750%	11/1/25	5,120	5,111
Prologis LP	3.875%	9/15/28	2,000	2,000
Public Storage	3.094%	9/15/27	3,450	3,238
Realty Income Corp.	4.650%	8/1/23	5,875	6,075
Realty Income Corp.	3.875%	7/15/24	2,650	2,625
Realty Income Corp.	3.875%	4/15/25	4,500	4,436
Realty Income Corp.	4.125%	10/15/26	8,875	8,837
Realty Income Corp.	3.000%	1/15/27	4,140	3,796
Realty Income Corp.	3.650%	1/15/28	8,066	7,722
Regency Centers LP	3.600%	2/1/27	4,675	4,469
Regency Centers LP	4.125%	3/15/28	2,800	2,771
Sabra Health Care LP	5.125%	8/15/26	3,150	3,010
Select Income REIT	4.250%	5/15/24	2,950	2,822
Select Income REIT	4.500%	2/1/25	4,183	4,045
Senior Housing Properties Trust	4.750%	2/15/28	500	485
Simon Property Group LP	3.750%	2/1/24	3,265	3,263
Simon Property Group LP	3.375%	10/1/24	5,505	5,375
Simon Property Group LP	3.500%	9/1/25	7,000	6,832
Simon Property Group LP	3.300%	1/15/26	5,950	5,705
Simon Property Group LP	3.250%	11/30/26	7,180	6,820
Simon Property Group LP	3.375%	6/15/27	7,850	7,526
Simon Property Group LP	3.375%	12/1/27	6,100	5,796
STORE Capital Corp.	4.500%	3/15/28	3,225	3,156
Tanger Properties LP	3.750%	12/1/24	1,550	1,489
Tanger Properties LP	3.125%	9/1/26	1,275	1,148
Tanger Properties LP	3.875%	7/15/27	2,700	2,542
UDR Inc.	3.750%	7/1/24	1,750	1,717
UDR Inc.	4.000%	10/1/25	4,850	4,848
UDR Inc.	2.950%	9/1/26	5,425	4,976
UDR Inc.	3.500%	1/15/28	1,150	1,424
Ventas Realty LP	3.750%	5/1/24	3,400	3,350
Ventas Realty LP	3.500%	2/1/25	5,890	5,650
Ventas Realty LP	4.125%	1/15/26	3,561	3,538
Ventas Realty LP	3.250%	10/15/26	6,125	5,658
Ventas Realty LP	4.000%	3/1/28	4,500	4,350
VEREIT Operating Partnership LP	4.600%	2/6/24	5,045	5,054
VEREIT Operating Partnership LP	4.875%	6/1/26	8,983	8,994
VEREIT Operating Partnership LP	3.950%	8/15/27	9,951	9,265
Vornado Realty LP	3.500%	1/15/25	3,400	3,249
Washington Prime Group LP	5.950%	8/15/24	6,900	6,649
Weingarten Realty Investors	4.450%	1/15/24	150	153
Weingarten Realty Investors	3.850%	6/1/25	3,500	3,438
Welltower Inc.	4.500%	1/15/24	1,695	1,708
Welltower Inc.	4.000%	6/1/25	13,463	13,226
Welltower Inc.	4.250%	4/1/26	6,100	6,038
Welltower Inc.	4.250%	4/15/28	5,100	5,009
WP Carey Inc.	4.600%	4/1/24	4,175	4,229
WP Carey Inc.	4.000%	2/1/25	1,990	1,934
WP Carey Inc.	4.250%	10/1/26	1,175	1,139
				<u>4,818,185</u>

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Industrial (23.6%)				
Basic Industry (1.1%)				
Air Products & Chemicals Inc.	3.350%	7/31/24	8,800	8,735
Airgas Inc.	3.650%	7/15/24	1,850	1,849
Albemarle Corp.	4.150%	12/1/24	4,665	4,709
ArcelorMittal	6.125%	6/1/25	2,950	3,179
BHP Billiton Finance USA Ltd.	3.850%	9/30/23	9,350	9,594
BHP Billiton Finance USA Ltd.	6.420%	3/1/26	500	583
Braskem Finance Ltd.	6.450%	2/3/24	6,600	6,955
Celulosa Arauco y Constitucion SA	4.500%	8/1/24	2,000	2,000
Celulosa Arauco y Constitucion SA	3.875%	11/2/27	11,050	10,259
Dow Chemical Co.	3.500%	10/1/24	8,075	7,865
Eastman Chemical Co.	3.800%	3/15/25	8,442	8,345
Ecolab Inc.	2.700%	11/1/26	9,740	9,003
Ecolab Inc.	3.250%	12/1/27	1,600	1,530
Fibria Overseas Finance Ltd.	5.250%	5/12/24	6,450	6,482
Fibria Overseas Finance Ltd.	4.000%	1/14/25	7,800	7,192
Fibria Overseas Finance Ltd.	5.500%	1/17/27	3,775	3,737
FMC Corp.	4.100%	2/1/24	2,924	2,925
Georgia-Pacific LLC	8.000%	1/15/24	3,750	4,518
Georgia-Pacific LLC	7.375%	12/1/25	1,679	2,040
International Flavors & Fragrances Inc.	3.200%	5/1/23	1,075	1,053
International Paper Co.	3.650%	6/15/24	10,010	9,871
International Paper Co.	3.800%	1/15/26	10,151	9,855
International Paper Co.	3.000%	2/15/27	1,050	950
⁵ Kinross Gold Corp.	4.500%	7/15/27	6,617	6,071
LYB International Finance BV	4.000%	7/15/23	6,395	6,402
LYB International Finance II BV	3.500%	3/2/27	8,847	8,283
LyondellBasell Industries NV	5.750%	4/15/24	8,488	9,178
Methanex Corp.	4.250%	12/1/24	3,500	3,422
Monsanto Co.	3.375%	7/15/24	5,598	5,356
Monsanto Co.	2.850%	4/15/25	8,300	7,517
Mosaic Co.	4.250%	11/15/23	10,123	10,189
Mosaic Co.	4.050%	11/15/27	5,250	5,003
NewMarket Corp.	4.100%	12/15/22	315	317
Nucor Corp.	4.000%	8/1/23	8,675	8,829
Nucor Corp.	3.950%	5/1/28	2,795	2,798
Nutrien Ltd.	3.625%	3/15/24	1,750	1,702
Nutrien Ltd.	3.375%	3/15/25	7,745	7,264
Nutrien Ltd.	3.000%	4/1/25	4,111	3,763
Nutrien Ltd.	4.000%	12/15/26	6,655	6,403
Packaging Corp. of America	4.500%	11/1/23	11,838	11,822
Packaging Corp. of America	3.650%	9/15/24	3,050	3,009
Praxair Inc.	2.650%	2/5/25	2,156	2,037
Praxair Inc.	3.200%	1/30/26	5,237	5,110
Rio Tinto Finance USA Ltd.	3.750%	6/15/25	10,664	10,705
RPM International Inc.	3.750%	3/15/27	2,950	2,813
Sherwin-Williams Co.	3.125%	6/1/24	6,600	6,304
Sherwin-Williams Co.	3.450%	8/1/25	4,200	4,037
Sherwin-Williams Co.	3.950%	1/15/26	3,466	3,438
Sherwin-Williams Co.	3.450%	6/1/27	9,940	9,393
Southern Copper Corp.	3.875%	4/23/25	7,225	7,105
Vale Overseas Ltd.	6.250%	8/10/26	15,550	16,833
Westlake Chemical Corp.	3.600%	8/15/26	13,638	12,903
⁵ WestRock Co.	3.000%	9/15/24	1,455	1,372
⁵ WestRock Co.	3.750%	3/15/25	7,700	7,536
⁵ WestRock Co.	3.375%	9/15/27	3,300	3,100
⁵ WestRock Co.	4.000%	3/15/28	5,975	5,889
Weyerhaeuser Co.	4.625%	9/15/23	5,144	5,337
Weyerhaeuser Co.	8.500%	1/15/25	600	738
Yamana Gold Inc.	4.950%	7/15/24	3,105	3,101
Yamana Gold Inc.	4.625%	12/15/27	1,275	1,222

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Capital Goods (1.8%)				
3M Co.	3.000%	8/7/25	2,100	2,041
3M Co.	2.250%	9/19/26	6,050	5,479
3M Co.	2.875%	10/15/27	6,100	5,763
ABB Finance USA Inc.	3.800%	4/3/28	1,500	1,509
Allegion US Holding Co. Inc.	3.200%	10/1/24	3,900	3,679
Allegion US Holding Co. Inc.	3.550%	10/1/27	3,750	3,449
Bemis Co. Inc.	3.100%	9/15/26	2,700	2,484
Boeing Co.	1.875%	6/15/23	5,000	4,690
Boeing Co.	2.850%	10/30/24	4,651	4,495
Boeing Co.	2.500%	3/1/25	1,092	1,023
Boeing Co.	2.600%	10/30/25	3,400	3,200
Boeing Co.	2.250%	6/15/26	2,195	1,999
Boeing Co.	2.800%	3/1/27	3,412	3,211
Boeing Co.	3.250%	3/1/28	1,800	1,752
Carlisle Cos. Inc.	3.500%	12/1/24	3,700	3,565
Carlisle Cos. Inc.	3.750%	12/1/27	5,450	5,173
Caterpillar Financial Services Corp.	3.750%	11/24/23	5,402	5,483
Caterpillar Financial Services Corp.	3.300%	6/9/24	3,250	3,224
Caterpillar Financial Services Corp.	3.250%	12/1/24	3,183	3,128
Caterpillar Financial Services Corp.	2.400%	8/9/26	3,535	3,235
Caterpillar Inc.	3.400%	5/15/24	11,396	11,352
CNH Industrial NV	4.500%	8/15/23	5,920	5,942
CNH Industrial NV	3.850%	11/15/27	7,700	7,161
Crane Co.	4.450%	12/15/23	3,040	3,134
Dover Corp.	3.150%	11/15/25	4,014	3,856
Eagle Materials Inc.	4.500%	8/1/26	3,000	3,000
Eaton Corp.	3.103%	9/15/27	6,200	5,787
Embraer Netherlands Finance BV	5.050%	6/15/25	10,833	10,974
Embraer Netherlands Finance BV	5.400%	2/1/27	5,388	5,572
Embraer Overseas Ltd.	5.696%	9/16/23	5,000	5,226
Emerson Electric Co.	3.150%	6/1/25	3,300	3,216
Flowserve Corp.	4.000%	11/15/23	2,000	1,983
Fortive Corp.	3.150%	6/15/26	8,016	7,444
Fortune Brands Home & Security Inc.	4.000%	6/15/25	4,050	4,048
General Dynamics Corp.	1.875%	8/15/23	3,640	3,382
General Dynamics Corp.	2.375%	11/15/24	7,350	6,884
General Dynamics Corp.	3.500%	5/15/25	9,000	8,985
General Dynamics Corp.	2.125%	8/15/26	6,124	5,494
General Dynamics Corp.	2.625%	11/15/27	5,400	4,974
General Dynamics Corp.	3.750%	5/15/28	6,150	6,192
General Electric Co.	3.375%	3/11/24	10,605	10,380
General Electric Co.	3.450%	5/15/24	8,746	8,507
Harris Corp.	3.832%	4/27/25	5,658	5,543
Harris Corp.	4.400%	6/15/28	1,000	1,008
Hexcel Corp.	4.700%	8/15/25	1,500	1,542
Hexcel Corp.	3.950%	2/15/27	3,645	3,547
Honeywell International Inc.	3.350%	12/1/23	2,180	2,178
Honeywell International Inc.	2.500%	11/1/26	10,693	9,877
Hubbell Inc.	3.350%	3/1/26	3,380	3,235
Hubbell Inc.	3.150%	8/15/27	2,700	2,513
Hubbell Inc.	3.500%	2/15/28	4,900	4,684
Huntington Ingalls Industries Inc.	3.483%	12/1/27	6,220	5,878
Illinois Tool Works Inc.	3.500%	3/1/24	11,450	11,554
Illinois Tool Works Inc.	2.650%	11/15/26	2,685	2,479
Ingersoll-Rand Global Holding Co. Ltd.	4.250%	6/15/23	62	64
Ingersoll-Rand Luxembourg Finance SA	3.550%	11/1/24	5,050	4,973
John Deere Capital Corp.	3.350%	6/12/24	7,010	6,922
John Deere Capital Corp.	2.650%	6/24/24	3,400	3,230
John Deere Capital Corp.	3.450%	3/13/25	1,500	1,493
John Deere Capital Corp.	3.400%	9/11/25	2,300	2,269
John Deere Capital Corp.	2.650%	6/10/26	5,014	4,662
John Deere Capital Corp.	2.800%	9/8/27	7,050	6,556

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
John Deere Capital Corp.	3.050%	1/6/28	7,050	6,698
Johnson Controls International plc	3.625%	7/2/24	2,725	2,688
Johnson Controls International plc	3.900%	2/14/26	6,775	6,697
Kennametal Inc.	4.625%	6/15/28	3,750	3,711
L3 Technologies Inc.	3.950%	5/28/24	1,678	1,657
L3 Technologies Inc.	3.850%	12/15/26	6,503	6,263
L3 Technologies Inc.	4.400%	6/15/28	1,400	1,143
Leggett & Platt Inc.	3.800%	11/15/24	3,200	3,136
Leggett & Platt Inc.	3.500%	11/15/27	6,000	5,661
Legrand France SA	8.500%	2/15/25	2,700	3,347
Lennox International Inc.	3.000%	11/15/23	2,550	2,413
Lockheed Martin Corp.	2.900%	3/1/25	5,566	5,297
Lockheed Martin Corp.	3.550%	1/15/26	17,633	17,362
Martin Marietta Materials Inc.	4.250%	7/2/24	2,790	2,804
Martin Marietta Materials Inc.	3.450%	6/1/27	4,575	4,236
Martin Marietta Materials Inc.	3.500%	12/15/27	4,200	3,879
Masco Corp.	4.450%	4/1/25	5,793	5,804
Masco Corp.	4.375%	4/1/26	5,064	5,024
Masco Corp.	3.500%	11/15/27	750	692
Northrop Grumman Corp.	3.250%	8/1/23	14,101	13,943
Northrop Grumman Corp.	2.930%	1/15/25	13,450	12,751
Northrop Grumman Corp.	3.200%	2/1/27	3,400	3,203
Northrop Grumman Corp.	3.250%	1/15/28	9,790	9,193
Northrop Grumman Systems Corp.	7.875%	3/1/26	525	648
5 Nvent Finance Sarl	4.550%	4/15/28	2,000	1,975
Oshkosh Corp.	4.600%	5/15/28	2,000	1,998
Owens Corning	4.200%	12/1/24	3,250	3,206
Owens Corning	3.400%	8/15/26	7,260	6,612
Parker-Hannifin Corp.	3.300%	11/21/24	4,585	4,512
Parker-Hannifin Corp.	3.250%	3/1/27	8,147	7,856
Precision Castparts Corp.	3.250%	6/15/25	12,443	12,123
Raytheon Co.	3.150%	12/15/24	2,905	2,858
Republic Services Inc.	3.200%	3/15/25	10,076	9,706
Republic Services Inc.	2.900%	7/1/26	1,133	1,049
Republic Services Inc.	3.375%	11/15/27	3,900	3,694
Rockwell Automation Inc.	2.875%	3/1/25	773	736
Rockwell Collins Inc.	3.700%	12/15/23	2,510	2,501
Rockwell Collins Inc.	3.200%	3/15/24	8,060	7,757
Rockwell Collins Inc.	3.500%	3/15/27	11,946	11,328
Roper Technologies Inc.	3.850%	12/15/25	2,275	2,238
Roper Technologies Inc.	3.800%	12/15/26	15,150	14,705
Snap-on Inc.	3.250%	3/1/27	2,575	2,483
Spirit AeroSystems Inc.	3.850%	6/15/26	6,000	5,765
Spirit AeroSystems Inc.	4.600%	6/15/28	4,850	4,881
Textron Inc.	4.300%	3/1/24	2,500	2,528
Textron Inc.	3.875%	3/1/25	2,220	2,192
Textron Inc.	4.000%	3/15/26	3,770	3,721
Textron Inc.	3.650%	3/15/27	11,518	11,006
The Timken Co.	3.875%	9/1/24	3,150	3,088
United Technologies Corp.	2.800%	5/4/24	11,275	10,671
United Technologies Corp.	2.650%	11/1/26	9,725	8,773
Vulcan Materials Co.	4.500%	4/1/25	3,800	3,831
Wabtec Corp.	3.450%	11/15/26	6,973	6,386
Waste Management Inc.	2.400%	5/15/23	2,725	2,589
Waste Management Inc.	3.500%	5/15/24	4,010	3,976
Waste Management Inc.	3.125%	3/1/25	7,436	7,166
Waste Management Inc.	3.150%	11/15/27	7,044	6,634
Xylem Inc.	3.250%	11/1/26	4,685	4,420
Communication (2.9%)				
21st Century Fox America Inc.	4.000%	10/1/23	2,825	2,867
21st Century Fox America Inc.	3.700%	9/15/24	5,525	5,491
21st Century Fox America Inc.	3.700%	10/15/25	2,625	2,570
21st Century Fox America Inc.	3.375%	11/15/26	4,100	3,929

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Activision Blizzard Inc.	3.400%	9/15/26	11,235	10,664
Activision Blizzard Inc.	3.400%	6/15/27	2,200	2,081
American Tower Corp.	5.000%	2/15/24	9,288	9,650
American Tower Corp.	4.000%	6/1/25	7,399	7,239
American Tower Corp.	4.400%	2/15/26	4,875	4,861
American Tower Corp.	3.375%	10/15/26	10,015	9,271
American Tower Corp.	3.550%	7/15/27	10,375	9,645
American Tower Corp.	3.600%	1/15/28	6,535	6,057
AT&T Inc.	3.800%	3/1/24	7,948	7,804
AT&T Inc.	4.450%	4/1/24	8,036	8,120
AT&T Inc.	3.950%	1/15/25	11,402	11,141
AT&T Inc.	3.400%	5/15/25	48,057	45,053
AT&T Inc.	4.125%	2/17/26	22,663	22,124
AT&T Inc.	4.250%	3/1/27	18,158	17,775
5 AT&T Inc.	4.100%	2/15/28	24,500	23,397
CBS Corp.	2.500%	2/15/23	1,850	1,737
CBS Corp.	3.700%	8/15/24	6,545	6,359
CBS Corp.	3.500%	1/15/25	5,500	5,250
CBS Corp.	4.000%	1/15/26	7,603	7,392
CBS Corp.	2.900%	1/15/27	6,200	5,513
CBS Corp.	3.375%	2/15/28	4,800	4,272
Charter Communications Operating LLC / Charter Communications Operating Capital	4.500%	2/1/24	7,000	7,009
Charter Communications Operating LLC / Charter Communications Operating Capital	4.908%	7/23/25	45,642	46,078
Charter Communications Operating LLC / Charter Communications Operating Capital	3.750%	2/15/28	9,500	8,589
Charter Communications Operating LLC / Charter Communications Operating Capital	4.200%	3/15/28	9,000	8,446
Comcast Corp.	3.000%	2/1/24	9,297	8,889
Comcast Corp.	3.600%	3/1/24	8,848	8,704
Comcast Corp.	3.375%	2/15/25	12,215	11,736
Comcast Corp.	3.375%	8/15/25	14,294	13,637
Comcast Corp.	3.150%	3/1/26	17,024	15,973
Comcast Corp.	2.350%	1/15/27	14,105	12,281
Comcast Corp.	3.300%	2/1/27	11,925	11,202
Comcast Corp.	3.150%	2/15/28	18,900	17,478
Comcast Corp.	3.550%	5/1/28	12,000	11,455
Crown Castle International Corp.	3.200%	9/1/24	10,400	9,817
Crown Castle International Corp.	4.450%	2/15/26	10,653	10,587
Crown Castle International Corp.	3.700%	6/15/26	12,993	12,233
Crown Castle International Corp.	4.000%	3/1/27	4,750	4,552
Crown Castle International Corp.	3.650%	9/1/27	3,189	2,965
Crown Castle International Corp.	3.800%	2/15/28	9,500	8,888
Discovery Communications LLC	3.800%	3/13/24	4,850	4,764
5 Discovery Communications LLC	3.900%	11/15/24	5,300	5,214
Discovery Communications LLC	3.450%	3/15/25	2,900	2,747
5 Discovery Communications LLC	3.950%	6/15/25	5,225	5,096
Discovery Communications LLC	4.900%	3/11/26	6,541	6,698
Discovery Communications LLC	3.950%	3/20/28	14,900	14,106
Electronic Arts Inc.	4.800%	3/1/26	4,500	4,718
Grupo Televisa SAB	6.625%	3/18/25	3,860	4,317
Grupo Televisa SAB	4.625%	1/30/26	6,135	6,138
Interpublic Group of Cos. Inc.	4.200%	4/15/24	4,652	4,689
Moody's Corp.	4.875%	2/15/24	6,782	7,122
Omnicom Group Inc.	3.650%	11/1/24	12,665	12,306
Omnicom Group Inc.	3.600%	4/15/26	8,301	7,937
Rogers Communications Inc.	4.100%	10/1/23	7,840	8,009
Rogers Communications Inc.	3.625%	12/15/25	5,150	5,034
Rogers Communications Inc.	2.900%	11/15/26	4,425	4,089
S&P Global Inc.	4.000%	6/15/25	7,758	7,788
S&P Global Inc.	4.400%	2/15/26	6,515	6,682
S&P Global Inc.	2.950%	1/22/27	4,624	4,276
Telefonica Emisiones SAU	4.103%	3/8/27	13,295	12,838

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
TELUS Corp.	2.800%	2/16/27	5,550	5,085
Thomson Reuters Corp.	4.300%	11/23/23	5,150	5,256
Thomson Reuters Corp.	3.850%	9/29/24	3,979	3,907
Thomson Reuters Corp.	3.350%	5/15/26	5,600	5,164
Time Warner Inc.	4.050%	12/15/23	3,275	3,268
Time Warner Inc.	3.550%	6/1/24	7,100	6,858
Time Warner Inc.	3.600%	7/15/25	10,755	10,223
Time Warner Inc.	3.875%	1/15/26	7,125	6,840
Time Warner Inc.	2.950%	7/15/26	530	476
Time Warner Inc.	3.800%	2/15/27	14,702	13,916
Verizon Communications Inc.	5.150%	9/15/23	39,725	42,284
Verizon Communications Inc.	4.150%	3/15/24	9,851	9,979
Verizon Communications Inc.	3.500%	11/1/24	23,177	22,530
Verizon Communications Inc.	3.376%	2/15/25	36,070	34,672
Verizon Communications Inc.	2.625%	8/15/26	20,332	18,062
Verizon Communications Inc.	4.125%	3/16/27	30,954	30,504
Viacom Inc.	4.250%	9/1/23	10,450	10,362
Viacom Inc.	3.875%	4/1/24	5,620	5,436
Viacom Inc.	3.450%	10/4/26	4,365	3,988
Vodafone Group plc	3.750%	1/16/24	18,500	18,332
Vodafone Group plc	4.125%	5/30/25	14,000	13,923
Vodafone Group plc	4.375%	5/30/28	27,975	27,595
Walt Disney Co.	3.150%	9/17/25	8,602	8,328
Walt Disney Co.	3.000%	2/13/26	9,592	9,134
Walt Disney Co.	1.850%	7/30/26	16,806	14,656
WPP Finance 2010	3.750%	9/19/24	6,873	6,623
Consumer Cyclical (2.9%)				
Advance Auto Parts Inc.	4.500%	12/1/23	3,946	4,031
Alibaba Group Holding Ltd.	3.600%	11/28/24	20,000	19,675
Alibaba Group Holding Ltd.	3.400%	12/6/27	21,150	19,693
Amazon.com Inc.	2.800%	8/22/24	17,550	16,748
Amazon.com Inc.	3.800%	12/5/24	9,939	10,136
Amazon.com Inc.	5.200%	12/3/25	8,900	9,823
Amazon.com Inc.	3.150%	8/22/27	29,825	28,503
American Honda Finance Corp.	2.900%	2/16/24	5,975	5,786
American Honda Finance Corp.	2.300%	9/9/26	2,300	2,089
American Honda Finance Corp.	3.500%	2/15/28	5,700	5,574
Aptiv plc	4.250%	1/15/26	5,400	5,363
Automatic Data Processing Inc.	3.375%	9/15/25	9,119	9,014
AutoNation Inc.	3.500%	11/15/24	4,300	4,058
AutoNation Inc.	4.500%	10/1/25	3,740	3,725
AutoNation Inc.	3.800%	11/15/27	3,750	3,484
AutoZone Inc.	3.125%	7/15/23	3,280	3,189
AutoZone Inc.	3.250%	4/15/25	6,120	5,819
AutoZone Inc.	3.125%	4/21/26	4,100	3,805
AutoZone Inc.	3.750%	6/1/27	6,100	5,890
Bed Bath & Beyond Inc.	3.749%	8/1/24	1,925	1,740
Block Financial LLC	5.250%	10/1/25	4,525	4,553
Booking Holdings Inc.	3.650%	3/15/25	6,850	6,703
Booking Holdings Inc.	3.600%	6/1/26	14,570	14,171
Booking Holdings Inc.	3.550%	3/15/28	1,500	1,427
BorgWarner Inc.	3.375%	3/15/25	2,950	2,860
Costco Wholesale Corp.	2.750%	5/18/24	11,326	10,935
Costco Wholesale Corp.	3.000%	5/18/27	6,900	6,584
Cummins Inc.	3.650%	10/1/23	2,989	3,018
Darden Restaurants Inc.	3.850%	5/1/27	4,050	3,904
Delphi Corp.	4.150%	3/15/24	6,516	6,548
Dollar General Corp.	4.150%	11/1/25	5,312	5,316
Dollar General Corp.	3.875%	4/15/27	5,750	5,497
Dollar General Corp.	4.125%	5/1/28	2,500	2,454
Dollar Tree Inc.	4.000%	5/15/25	10,000	9,771
Dollar Tree Inc.	4.200%	5/15/28	10,650	10,268
DR Horton Inc.	5.750%	8/15/23	3,600	3,868

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
eBay Inc.	3.450%	8/1/24	6,825	6,616
eBay Inc.	3.600%	6/5/27	7,450	7,037
Expedia Group Inc.	4.500%	8/15/24	3,610	3,607
Expedia Group Inc.	5.000%	2/15/26	6,495	6,624
Expedia Group Inc.	3.800%	2/15/28	9,350	8,550
Ford Motor Co.	4.346%	12/8/26	11,575	11,326
Ford Motor Credit Co. LLC	4.375%	8/6/23	7,696	7,748
Ford Motor Credit Co. LLC	3.810%	1/9/24	3,840	3,725
Ford Motor Credit Co. LLC	3.664%	9/8/24	4,563	4,374
Ford Motor Credit Co. LLC	4.134%	8/4/25	14,713	14,348
Ford Motor Credit Co. LLC	4.389%	1/8/26	11,739	11,491
Ford Motor Credit Co. LLC	3.815%	11/2/27	5,880	5,437
General Motors Co.	4.875%	10/2/23	15,843	16,247
General Motors Co.	4.000%	4/1/25	2,283	2,218
General Motors Co.	4.200%	10/1/27	175	168
General Motors Financial Co. Inc.	3.950%	4/13/24	14,200	13,858
General Motors Financial Co. Inc.	3.500%	11/7/24	16,250	15,442
General Motors Financial Co. Inc.	4.000%	1/15/25	10,843	10,541
General Motors Financial Co. Inc.	4.350%	4/9/25	6,925	6,826
General Motors Financial Co. Inc.	4.300%	7/13/25	6,941	6,790
General Motors Financial Co. Inc.	5.250%	3/1/26	9,000	9,288
General Motors Financial Co. Inc.	4.000%	10/6/26	8,110	7,716
General Motors Financial Co. Inc.	4.350%	1/17/27	10,242	9,904
General Motors Financial Co. Inc.	3.850%	1/5/28	6,200	5,747
Harley-Davidson Inc.	3.500%	7/28/25	7,900	7,689
Harman International Industries Inc.	4.150%	5/15/25	2,600	2,596
Home Depot Inc.	3.750%	2/15/24	9,225	9,420
Home Depot Inc.	3.350%	9/15/25	9,730	9,567
Home Depot Inc.	3.000%	4/1/26	12,777	12,199
Home Depot Inc.	2.125%	9/15/26	7,900	7,039
Home Depot Inc.	2.800%	9/14/27	3,850	3,555
Hyatt Hotels Corp.	3.375%	7/15/23	2,025	1,982
Hyatt Hotels Corp.	4.850%	3/15/26	3,643	3,759
JD.com Inc.	3.875%	4/29/26	4,825	4,547
Kohl's Corp.	4.750%	12/15/23	614	626
Kohl's Corp.	4.250%	7/17/25	5,150	5,108
Lear Corp.	5.375%	3/15/24	1,964	2,028
Lear Corp.	5.250%	1/15/25	6,365	6,564
Lear Corp.	3.800%	9/15/27	5,200	4,888
Lowe's Cos. Inc.	3.875%	9/15/23	5,950	6,117
Lowe's Cos. Inc.	3.125%	9/15/24	2,461	2,396
Lowe's Cos. Inc.	3.375%	9/15/25	14,123	13,838
Lowe's Cos. Inc.	2.500%	4/15/26	10,675	9,736
Lowe's Cos. Inc.	3.100%	5/3/27	14,395	13,627
Macy's Retail Holdings Inc.	2.875%	2/15/23	1,138	1,070
Macy's Retail Holdings Inc.	4.375%	9/1/23	3,495	3,503
Macy's Retail Holdings Inc.	3.625%	6/1/24	4,635	4,479
Magna International Inc.	3.625%	6/15/24	8,000	7,957
Magna International Inc.	4.150%	10/1/25	5,500	5,580
Marriott International Inc.	3.750%	3/15/25	2,500	2,445
Marriott International Inc.	3.750%	10/1/25	2,735	2,659
Marriott International Inc.	3.125%	6/15/26	8,675	8,063
Marriott International Inc.	4.000%	4/15/28	4,500	4,377
Mastercard Inc.	3.375%	4/1/24	6,480	6,432
Mastercard Inc.	2.950%	11/21/26	10,450	9,994
Mastercard Inc.	3.500%	2/26/28	1,800	1,786
McDonald's Corp.	3.375%	5/26/25	8,759	8,568
McDonald's Corp.	3.700%	1/30/26	12,678	12,581
McDonald's Corp.	3.500%	3/1/27	12,300	12,015
McDonald's Corp.	3.800%	4/1/28	2,800	1,991
NIKE Inc.	2.375%	11/1/26	8,625	7,808
Nordstrom Inc.	4.000%	3/15/27	3,400	3,270
O'Reilly Automotive Inc.	3.550%	3/15/26	3,562	3,400
O'Reilly Automotive Inc.	3.600%	9/1/27	7,525	7,098

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
QVC Inc.	4.850%	4/1/24	5,750	5,706
QVC Inc.	4.450%	2/15/25	1,265	1,224
Royal Caribbean Cruises Ltd.	3.700%	3/15/28	6,000	5,550
Starbucks Corp.	3.850%	10/1/23	7,935	8,016
Starbucks Corp.	2.450%	6/15/26	3,600	3,222
Starbucks Corp.	3.500%	3/1/28	3,000	2,879
Tapestry Inc.	4.250%	4/1/25	5,450	5,382
Tapestry Inc.	4.125%	7/15/27	5,850	5,577
Target Corp.	3.500%	7/1/24	8,712	8,743
Target Corp.	2.500%	4/15/26	9,842	9,051
TJX Cos. Inc.	2.250%	9/15/26	9,014	8,028
Toyota Motor Credit Corp.	2.250%	10/18/23	5,500	5,174
Toyota Motor Credit Corp.	2.900%	4/17/24	6,250	6,053
Toyota Motor Credit Corp.	3.400%	4/14/25	5,600	5,527
Toyota Motor Credit Corp.	3.200%	1/11/27	6,670	6,416
Toyota Motor Credit Corp.	3.050%	1/11/28	4,000	3,791
Visa Inc.	3.150%	12/14/25	38,351	37,051
Visa Inc.	2.750%	9/15/27	7,600	7,054
Walgreens Boots Alliance Inc.	3.800%	11/18/24	19,878	19,521
Walgreens Boots Alliance Inc.	3.450%	6/1/26	16,610	15,474
Walmart Inc.	3.300%	4/22/24	15,693	15,616
Walmart Inc.	2.650%	12/15/24	10,100	9,663
Walmart Inc.	3.550%	6/26/25	22,000	22,126
Walmart Inc.	3.700%	6/26/28	19,475	19,627
Consumer Noncyclical (6.4%)				
Abbott Laboratories	3.400%	11/30/23	19,878	19,614
Abbott Laboratories	2.950%	3/15/25	6,045	5,717
Abbott Laboratories	3.875%	9/15/25	2,265	2,256
Abbott Laboratories	3.750%	11/30/26	29,189	28,967
AbbVie Inc.	3.600%	5/14/25	35,390	34,244
AbbVie Inc.	3.200%	5/14/26	23,390	21,827
Agilent Technologies Inc.	3.875%	7/15/23	5,470	5,443
Agilent Technologies Inc.	3.050%	9/22/26	2,550	2,355
Allergan Funding SCS	3.850%	6/15/24	11,329	11,099
Allergan Funding SCS	3.800%	3/15/25	32,082	31,187
Altria Group Inc.	4.000%	1/31/24	12,995	13,154
Altria Group Inc.	2.625%	9/16/26	4,160	3,783
AmerisourceBergen Corp.	3.400%	5/15/24	6,400	6,210
AmerisourceBergen Corp.	3.250%	3/1/25	3,875	3,655
AmerisourceBergen Corp.	3.450%	12/15/27	6,925	6,362
Amgen Inc.	2.250%	8/19/23	7,150	6,704
Amgen Inc.	3.625%	5/22/24	8,038	8,001
Amgen Inc.	3.125%	5/1/25	6,435	6,143
Amgen Inc.	2.600%	8/19/26	9,515	8,582
Amgen Inc.	3.200%	11/2/27	9,630	8,994
Anheuser-Busch InBev Finance Inc.	3.700%	2/1/24	11,026	11,030
Anheuser-Busch InBev Finance Inc.	3.650%	2/1/26	117,610	115,115
Anheuser-Busch InBev Worldwide Inc.	3.500%	1/12/24	15,000	14,923
Anheuser-Busch InBev Worldwide Inc.	4.000%	4/13/28	5,000	4,985
Archer-Daniels-Midland Co.	2.500%	8/11/26	8,903	8,174
AstraZeneca plc	3.375%	11/16/25	14,966	14,414
AstraZeneca plc	3.125%	6/12/27	5,125	4,807
BAT Capital Corp.	3.222%	8/15/24	21,904	20,736
BAT Capital Corp.	3.557%	8/15/27	32,600	30,311
Baxalta Inc.	4.000%	6/23/25	23,200	22,707
Baxter International Inc.	2.600%	8/15/26	5,867	5,346
Beam Suntory Inc.	3.250%	6/15/23	500	485
Becton Dickinson & Co.	3.363%	6/6/24	13,650	13,123
Becton Dickinson & Co.	3.734%	12/15/24	14,522	14,149
Becton Dickinson & Co.	3.700%	6/6/27	21,300	20,124
Biogen Inc.	4.050%	9/15/25	16,663	16,717
Boston Scientific Corp.	4.125%	10/1/23	3,906	3,965
Boston Scientific Corp.	3.850%	5/15/25	4,950	4,898

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Boston Scientific Corp.	4.000%	3/1/28	6,620	6,456
Bristol-Myers Squibb Co.	3.250%	11/1/23	3,200	3,181
Bristol-Myers Squibb Co.	3.250%	2/27/27	7,098	6,865
Brown-Forman Corp.	3.500%	4/15/25	3,000	2,972
Bunge Ltd. Finance Corp.	3.250%	8/15/26	6,537	5,901
Bunge Ltd. Finance Corp.	3.750%	9/25/27	7,200	6,675
Campbell Soup Co.	3.950%	3/15/25	10,000	9,630
Campbell Soup Co.	3.300%	3/19/25	900	836
Campbell Soup Co.	4.150%	3/15/28	16,000	15,228
Cardinal Health Inc.	3.079%	6/15/24	11,113	10,461
Cardinal Health Inc.	3.750%	9/15/25	3,325	3,187
Cardinal Health Inc.	3.410%	6/15/27	12,107	11,096
Celgene Corp.	4.000%	8/15/23	6,865	6,927
Celgene Corp.	3.625%	5/15/24	10,830	10,551
Celgene Corp.	3.875%	8/15/25	18,250	17,749
Celgene Corp.	3.450%	11/15/27	4,697	4,318
Celgene Corp.	3.900%	2/20/28	15,200	14,406
Church & Dwight Co. Inc.	3.150%	8/1/27	2,250	2,083
Clorox Co.	3.500%	12/15/24	5,000	4,951
Clorox Co.	3.100%	10/1/27	3,550	3,327
Clorox Co.	3.900%	5/15/28	4,475	4,433
Coca-Cola Bottling Co. Consolidated	3.800%	11/25/25	3,620	3,554
Coca-Cola Co.	3.200%	11/1/23	10,710	10,682
Coca-Cola Co.	2.875%	10/27/25	14,500	13,877
Coca-Cola Co.	2.550%	6/1/26	2,000	1,857
Coca-Cola Co.	2.250%	9/1/26	12,350	11,174
Coca-Cola Co.	2.900%	5/25/27	4,500	4,257
Coca-Cola Femsa SAB de CV	3.875%	11/26/23	7,900	7,912
Colgate-Palmolive Co.	3.250%	3/15/24	4,895	4,897
Constellation Brands Inc.	4.750%	11/15/24	4,100	4,261
Constellation Brands Inc.	4.750%	12/1/25	2,617	2,708
Constellation Brands Inc.	3.700%	12/6/26	6,010	5,796
Constellation Brands Inc.	3.500%	5/9/27	4,500	4,260
Constellation Brands Inc.	3.600%	2/15/28	7,200	6,808
CVS Health Corp.	4.000%	12/5/23	9,778	9,829
CVS Health Corp.	3.375%	8/12/24	8,321	8,031
CVS Health Corp.	4.100%	3/25/25	41,080	40,681
CVS Health Corp.	3.875%	7/20/25	32,107	31,387
CVS Health Corp.	2.875%	6/1/26	21,182	19,220
CVS Health Corp.	4.300%	3/25/28	82,785	81,572
Danaher Corp.	3.350%	9/15/25	4,475	4,400
Diageo Capital plc	3.875%	5/18/28	4,675	4,712
Dr Pepper Snapple Group Inc.	3.130%	12/15/23	9,375	8,978
Dr Pepper Snapple Group Inc.	3.400%	11/15/25	1,900	1,788
Dr Pepper Snapple Group Inc.	2.550%	9/15/26	2,600	2,271
Dr Pepper Snapple Group Inc.	3.430%	6/15/27	3,025	2,798
Edwards Lifesciences Corp.	4.300%	6/15/28	3,000	2,994
Eli Lilly & Co.	2.750%	6/1/25	9,365	8,917
Eli Lilly & Co.	3.100%	5/15/27	6,875	6,572
Estee Lauder Cos. Inc.	3.150%	3/15/27	5,350	5,153
Express Scripts Holding Co.	3.000%	7/15/23	16,957	16,092
Express Scripts Holding Co.	3.500%	6/15/24	8,210	7,863
Express Scripts Holding Co.	4.500%	2/25/26	17,496	17,376
Express Scripts Holding Co.	3.400%	3/1/27	11,734	10,716
Flowers Foods Inc.	3.500%	10/1/26	1,650	1,562
General Mills Inc.	3.700%	10/17/23	14,500	14,333
General Mills Inc.	3.650%	2/15/24	2,359	2,330
General Mills Inc.	4.000%	4/17/25	2,883	2,843
General Mills Inc.	3.200%	2/10/27	7,200	6,583
General Mills Inc.	4.200%	4/17/28	12,000	11,739
Gilead Sciences Inc.	2.500%	9/1/23	13,612	12,972
Gilead Sciences Inc.	3.700%	4/1/24	19,452	19,488
Gilead Sciences Inc.	3.500%	2/1/25	16,414	16,161
Gilead Sciences Inc.	3.650%	3/1/26	20,613	20,346

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Gilead Sciences Inc.	2.950%	3/1/27	12,017	11,213
GlaxoSmithKline Capital Inc.	3.625%	5/15/25	10,000	9,991
GlaxoSmithKline Capital Inc.	3.875%	5/15/28	15,800	15,927
Hasbro Inc.	3.500%	9/15/27	4,375	4,049
Hershey Co.	3.200%	8/21/25	1,900	1,852
Hershey Co.	2.300%	8/15/26	4,563	4,123
Ingredion Inc.	3.200%	10/1/26	4,330	4,037
JM Smucker Co.	3.500%	3/15/25	9,796	9,362
JM Smucker Co.	3.375%	12/15/27	5,300	4,939
Johnson & Johnson	3.375%	12/5/23	6,865	6,937
Johnson & Johnson	2.625%	1/15/25	7,318	7,002
Johnson & Johnson	2.450%	3/1/26	10,450	9,801
Johnson & Johnson	2.950%	3/3/27	11,900	11,452
Johnson & Johnson	2.900%	1/15/28	14,050	13,386
Kaiser Foundation Hospitals	3.150%	5/1/27	5,025	4,823
Kellogg Co.	2.650%	12/1/23	6,900	6,556
Kellogg Co.	3.250%	4/1/26	6,925	6,482
Kellogg Co.	3.400%	11/15/27	5,550	5,145
Kellogg Co.	4.300%	5/15/28	5,000	4,938
Kimberly-Clark Corp.	3.050%	8/15/25	3,000	2,883
Kimberly-Clark Corp.	2.750%	2/15/26	4,835	4,530
Kraft Heinz Foods Co.	3.950%	7/15/25	16,904	16,432
Kraft Heinz Foods Co.	3.000%	6/1/26	16,151	14,567
Kroger Co.	3.850%	8/1/23	9,450	9,462
Kroger Co.	4.000%	2/1/24	4,706	4,717
Kroger Co.	3.500%	2/1/26	1,575	1,496
Kroger Co.	2.650%	10/15/26	8,823	7,802
Kroger Co.	3.700%	8/1/27	4,695	4,483
Laboratory Corp. of America Holdings	4.000%	11/1/23	2,175	2,203
Laboratory Corp. of America Holdings	3.250%	9/1/24	5,100	4,924
Laboratory Corp. of America Holdings	3.600%	2/1/25	9,112	8,894
Laboratory Corp. of America Holdings	3.600%	9/1/27	7,225	6,831
5 Maple Escrow Subsidiary Inc.	4.417%	5/25/25	9,200	9,249
5 Maple Escrow Subsidiary Inc.	4.597%	5/25/28	24,125	24,163
McCormick & Co. Inc.	3.150%	8/15/24	6,685	6,389
McCormick & Co. Inc.	3.400%	8/15/27	7,250	6,858
McKesson Corp.	3.796%	3/15/24	10,380	10,240
McKesson Corp.	3.950%	2/16/28	4,825	4,676
Mead Johnson Nutrition Co.	4.125%	11/15/25	6,907	7,042
Medtronic Global Holdings SCA	3.350%	4/1/27	8,966	8,735
Medtronic Inc.	3.625%	3/15/24	7,400	7,438
Medtronic Inc.	3.500%	3/15/25	36,914	36,507
Merck & Co. Inc.	2.750%	2/10/25	23,277	22,247
Molson Coors Brewing Co.	3.000%	7/15/26	12,916	11,747
Mylan Inc.	4.200%	11/29/23	3,985	3,992
5 Mylan Inc.	4.550%	4/15/28	4,225	4,128
Mylan NV	3.950%	6/15/26	15,680	14,971
Newell Brands Inc.	4.000%	12/1/24	6,755	6,641
Newell Brands Inc.	3.900%	11/1/25	6,051	5,722
Newell Brands Inc.	4.200%	4/1/26	18,868	18,229
Novartis Capital Corp.	3.400%	5/6/24	19,108	19,061
Novartis Capital Corp.	3.000%	11/20/25	16,566	15,940
Novartis Capital Corp.	3.100%	5/17/27	9,219	8,849
PepsiCo Inc.	3.600%	3/1/24	8,209	8,304
PepsiCo Inc.	2.750%	4/30/25	8,037	7,661
PepsiCo Inc.	3.500%	7/17/25	6,970	6,941
PepsiCo Inc.	2.850%	2/24/26	3,664	3,480
PepsiCo Inc.	2.375%	10/6/26	12,318	11,234
PepsiCo Inc.	3.000%	10/15/27	14,620	13,859
Perrigo Finance Unlimited Co.	3.900%	12/15/24	6,767	6,569
Perrigo Finance Unlimited Co.	4.375%	3/15/26	9,975	9,757
Pfizer Inc.	5.800%	8/12/23	366	408

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Pfizer Inc.	3.400%	5/15/24	2,912	2,913
Pfizer Inc.	2.750%	6/3/26	17,905	16,916
Pfizer Inc.	3.000%	12/15/26	14,900	14,289
Philip Morris International Inc.	3.600%	11/15/23	5,375	5,348
Philip Morris International Inc.	3.250%	11/10/24	7,537	7,291
Philip Morris International Inc.	3.375%	8/11/25	2,620	2,547
Philip Morris International Inc.	2.750%	2/25/26	8,850	8,229
Philip Morris International Inc.	3.125%	8/17/27	4,665	4,407
Philip Morris International Inc.	3.125%	3/2/28	1,725	1,627
Procter & Gamble Co.	3.100%	8/15/23	8,539	8,518
Procter & Gamble Co.	2.700%	2/2/26	5,733	5,431
Procter & Gamble Co.	2.450%	11/3/26	13,875	12,814
Providence St. Joseph Health Obligated Group	2.746%	10/1/26	1,675	1,562
Quest Diagnostics Inc.	4.250%	4/1/24	2,600	2,641
Quest Diagnostics Inc.	3.500%	3/30/25	1,950	1,876
Quest Diagnostics Inc.	3.450%	6/1/26	8,325	7,948
Reynolds American Inc.	4.850%	9/15/23	4,750	4,939
Reynolds American Inc.	4.450%	6/12/25	22,723	22,862
Sanofi	3.625%	6/19/28	9,000	8,932
Shire Acquisitions Investments Ireland DAC	2.875%	9/23/23	26,057	24,529
Shire Acquisitions Investments Ireland DAC	3.200%	9/23/26	26,429	24,138
SSM Health Care Corp.	3.823%	6/1/27	2,900	2,887
Stryker Corp.	3.375%	5/15/24	4,725	4,632
Stryker Corp.	3.375%	11/1/25	5,816	5,585
Stryker Corp.	3.500%	3/15/26	6,780	6,567
Stryker Corp.	3.650%	3/7/28	2,500	2,439
Sysco Corp.	3.750%	10/1/25	5,650	5,577
Sysco Corp.	3.300%	7/15/26	7,965	7,529
Sysco Corp.	3.250%	7/15/27	11,350	10,738
Thermo Fisher Scientific Inc.	4.150%	2/1/24	6,445	6,543
Thermo Fisher Scientific Inc.	3.650%	12/15/25	3,900	3,816
Thermo Fisher Scientific Inc.	2.950%	9/19/26	8,730	8,072
Thermo Fisher Scientific Inc.	3.200%	8/15/27	5,500	5,140
Tyson Foods Inc.	3.950%	8/15/24	14,593	14,582
Tyson Foods Inc.	3.550%	6/2/27	11,842	11,184
Unilever Capital Corp.	2.600%	5/5/24	15,500	14,793
Unilever Capital Corp.	3.375%	3/22/25	3,000	2,980
Unilever Capital Corp.	3.100%	7/30/25	2,675	2,601
Unilever Capital Corp.	2.000%	7/28/26	5,700	5,071
Whirlpool Corp.	4.000%	3/1/24	2,925	2,947
Whirlpool Corp.	3.700%	5/1/25	3,025	2,952
Wyeth LLC	7.250%	3/1/23	1,000	1,164
Wyeth LLC	6.450%	2/1/24	5,016	5,795
Zimmer Biomet Holdings Inc.	3.550%	4/1/25	18,722	17,805
Zoetis Inc.	4.500%	11/13/25	3,290	3,403
Zoetis Inc.	3.000%	9/12/27	8,816	8,126
Energy (3.8%)				
Anadarko Petroleum Corp.	3.450%	7/15/24	7,575	7,297
Anadarko Petroleum Corp.	5.550%	3/15/26	6,927	7,406
Andeavor	4.750%	12/15/23	11,800	12,243
Andeavor	5.125%	4/1/24	2,560	2,640
Andeavor	5.125%	12/15/26	8,975	9,379
Andeavor Logistics LP / Tesoro Logistics Finance Corp.	5.250%	1/15/25	7,683	7,866
Andeavor Logistics LP / Tesoro Logistics Finance Corp.	4.250%	12/1/27	6,200	5,960
Baker Hughes a GE Co. LLC / Baker Hughes Co-Obligor Inc.	3.337%	12/15/27	11,550	10,748
Boardwalk Pipelines LP	3.375%	2/1/23	50	48
Boardwalk Pipelines LP	4.950%	12/15/24	4,730	4,823
Boardwalk Pipelines LP	5.950%	6/1/26	6,090	6,527
Boardwalk Pipelines LP	4.450%	7/15/27	6,112	5,932
BP Capital Markets plc	3.994%	9/26/23	6,800	6,950

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
BP Capital Markets plc	3.216%	11/28/23	5,342	5,241
BP Capital Markets plc	3.814%	2/10/24	7,727	7,796
BP Capital Markets plc	3.224%	4/14/24	9,843	9,641
BP Capital Markets plc	3.535%	11/4/24	6,830	6,772
BP Capital Markets plc	3.506%	3/17/25	11,977	11,856
BP Capital Markets plc	3.119%	5/4/26	14,134	13,501
BP Capital Markets plc	3.017%	1/16/27	8,768	8,286
BP Capital Markets plc	3.588%	4/14/27	15,029	14,788
BP Capital Markets plc	3.279%	9/19/27	10,414	9,998
Buckeye Partners LP	4.150%	7/1/23	4,850	4,796
Buckeye Partners LP	4.350%	10/15/24	715	706
Buckeye Partners LP	3.950%	12/1/26	10,025	9,086
Buckeye Partners LP	4.125%	12/1/27	850	772
Canadian Natural Resources Ltd.	3.800%	4/15/24	5,695	5,624
Canadian Natural Resources Ltd.	3.900%	2/1/25	1,791	1,766
Canadian Natural Resources Ltd.	3.850%	6/1/27	12,285	11,980
Cenovus Energy Inc.	3.800%	9/15/23	3,800	3,696
Cenovus Energy Inc.	4.250%	4/15/27	14,299	13,727
Chevron Corp.	2.895%	3/3/24	6,758	6,542
Chevron Corp.	3.326%	11/17/25	7,114	7,031
Chevron Corp.	2.954%	5/16/26	17,420	16,693
Cimarex Energy Co.	4.375%	6/1/24	7,100	7,182
Cimarex Energy Co.	3.900%	5/15/27	8,460	8,109
Columbia Pipeline Group Inc.	4.500%	6/1/25	10,826	10,841
Concho Resources Inc.	4.375%	1/15/25	1,300	1,303
Concho Resources Inc.	3.750%	10/1/27	13,367	12,832
ConocoPhillips Co.	3.350%	11/15/24	4,873	4,806
ConocoPhillips Co.	4.950%	3/15/26	11,869	12,783
Continental Resources Inc.	3.800%	6/1/24	11,223	10,928
Continental Resources Inc.	4.375%	1/15/28	8,900	8,844
Devon Energy Corp.	5.850%	12/15/25	7,680	8,432
Dominion Energy Gas Holdings LLC	3.550%	11/1/23	6,791	6,722
Dominion Energy Gas Holdings LLC	3.600%	12/15/24	25	25
Enable Midstream Partners LP	3.900%	5/15/24	4,450	4,293
Enable Midstream Partners LP	4.400%	3/15/27	6,812	6,431
Enable Midstream Partners LP	4.950%	5/15/28	7,900	7,685
Enbridge Energy Partners LP	5.875%	10/15/25	5,625	6,062
Enbridge Inc.	4.000%	10/1/23	2,300	2,308
Enbridge Inc.	3.500%	6/10/24	7,300	7,044
Enbridge Inc.	4.250%	12/1/26	9,400	9,349
Enbridge Inc.	3.700%	7/15/27	6,970	6,601
Energy Transfer LP	4.900%	2/1/24	4,000	4,071
Energy Transfer LP	4.050%	3/15/25	10,950	10,547
Energy Transfer LP	4.750%	1/15/26	3,381	3,354
Energy Transfer LP	4.200%	4/15/27	2,500	2,365
Energy Transfer Partners LP	4.950%	6/15/28	1,400	1,398
EnLink Midstream Partners LP	4.400%	4/1/24	7,686	7,380
EnLink Midstream Partners LP	4.150%	6/1/25	5,475	5,057
EnLink Midstream Partners LP	4.850%	7/15/26	3,895	3,683
Enterprise Products Operating LLC	3.900%	2/15/24	5,800	5,816
Enterprise Products Operating LLC	3.750%	2/15/25	15,537	15,378
Enterprise Products Operating LLC	3.700%	2/15/26	5,322	5,205
Enterprise Products Operating LLC	3.950%	2/15/27	1,550	1,538
Enterprise Products Operating LLC	5.250%	8/16/77	4,150	3,861
Enterprise Products Operating LLC	5.375%	2/15/78	8,000	7,325
EOG Resources Inc.	3.150%	4/1/25	3,745	3,593
EOG Resources Inc.	4.150%	1/15/26	7,540	7,703
EQT Corp.	3.900%	10/1/27	9,022	8,423
EQT Midstream Partners LP	4.750%	7/15/23	5,000	4,995
EQT Midstream Partners LP	4.000%	8/1/24	3,300	3,137
EQT Midstream Partners LP	4.125%	12/1/26	950	867

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Exxon Mobil Corp.	3.176%	3/15/24	2,770	2,750
Exxon Mobil Corp.	2.709%	3/6/25	13,503	12,956
Exxon Mobil Corp.	3.043%	3/1/26	21,625	21,017
Halliburton Co.	3.500%	8/1/23	7,982	7,951
Halliburton Co.	3.800%	11/15/25	17,245	17,117
Helmerich & Payne International Drilling Co.	4.650%	3/15/25	5,010	5,146
Hess Corp.	3.500%	7/15/24	3,550	3,360
Hess Corp.	4.300%	4/1/27	10,414	10,069
HollyFrontier Corp.	5.875%	4/1/26	8,895	9,515
Husky Energy Inc.	4.000%	4/15/24	7,905	7,904
Kerr-McGee Corp.	6.950%	7/1/24	5,245	5,960
Kinder Morgan Energy Partners LP	3.500%	9/1/23	11,000	10,684
Kinder Morgan Energy Partners LP	4.150%	2/1/24	5,970	5,946
Kinder Morgan Energy Partners LP	4.300%	5/1/24	10,853	10,895
Kinder Morgan Energy Partners LP	4.250%	9/1/24	4,950	4,938
Kinder Morgan Inc.	4.300%	6/1/25	8,620	8,566
Kinder Morgan Inc./DE	4.300%	3/1/28	10,000	9,702
Magellan Midstream Partners LP	5.000%	3/1/26	7,021	7,406
Marathon Oil Corp.	3.850%	6/1/25	13,419	13,198
Marathon Oil Corp.	4.400%	7/15/27	7,600	7,636
Marathon Petroleum Corp.	3.625%	9/15/24	6,372	6,213
MPLX LP	4.500%	7/15/23	13,818	14,115
MPLX LP	4.875%	12/1/24	13,757	14,202
MPLX LP	4.000%	2/15/25	6,755	6,619
MPLX LP	4.875%	6/1/25	14,028	14,404
MPLX LP	4.125%	3/1/27	8,215	7,855
MPLX LP	4.000%	3/15/28	3,000	2,850
National Fuel Gas Co.	5.200%	7/15/25	2,337	2,403
National Fuel Gas Co.	3.950%	9/15/27	2,250	2,119
Noble Energy Inc.	3.900%	11/15/24	7,045	6,958
Noble Energy Inc.	3.850%	1/15/28	4,050	3,867
Occidental Petroleum Corp.	3.500%	6/15/25	4,756	4,699
Occidental Petroleum Corp.	3.400%	4/15/26	18,300	17,802
Occidental Petroleum Corp.	3.000%	2/15/27	1,915	1,809
ONEOK Inc.	7.500%	9/1/23	4,240	4,859
ONEOK Inc.	4.000%	7/13/27	5,750	5,561
ONEOK Inc.	4.550%	7/15/28	1,150	1,154
ONEOK Partners LP	5.000%	9/15/23	2,950	3,078
ONEOK Partners LP	4.900%	3/15/25	4,550	4,690
⁵ Patterson-UTI Energy Inc.	3.950%	2/1/28	3,954	3,699
Phillips 66	3.900%	3/15/28	2,800	2,736
Phillips 66 Partners LP	3.605%	2/15/25	4,925	4,700
Phillips 66 Partners LP	3.550%	10/1/26	5,500	5,119
Phillips 66 Partners LP	3.750%	3/1/28	5,000	4,665
Pioneer Natural Resources Co.	4.450%	1/15/26	3,900	4,006
Plains All American Pipeline LP / PAA Finance Corp.	3.850%	10/15/23	4,746	4,629
Plains All American Pipeline LP / PAA Finance Corp.	3.600%	11/1/24	11,145	10,561
Plains All American Pipeline LP / PAA Finance Corp.	4.650%	10/15/25	9,680	9,640
Plains All American Pipeline LP / PAA Finance Corp.	4.500%	12/15/26	8,300	8,142
Regency Energy Partners LP / Regency Energy Finance Corp.	4.500%	11/1/23	9,445	9,516
Sabine Pass Liquefaction LLC	5.750%	5/15/24	17,650	18,841
Sabine Pass Liquefaction LLC	5.625%	3/1/25	18,776	19,926
Sabine Pass Liquefaction LLC	5.875%	6/30/26	18,705	19,991
Sabine Pass Liquefaction LLC	5.000%	3/15/27	11,250	11,475
Sabine Pass Liquefaction LLC	4.200%	3/15/28	15,000	14,400
Schlumberger Investment SA	3.650%	12/1/23	16,005	16,120
Shell International Finance BV	3.400%	8/12/23	6,189	6,185
Shell International Finance BV	3.250%	5/11/25	19,461	19,031
Shell International Finance BV	2.875%	5/10/26	17,947	17,046
Shell International Finance BV	2.500%	9/12/26	18,025	16,621

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Spectra Energy Partners LP	4.750%	3/15/24	10,832	11,047
Spectra Energy Partners LP	3.500%	3/15/25	3,125	2,967
Spectra Energy Partners LP	3.375%	10/15/26	4,899	4,513
Suncor Energy Inc.	3.600%	12/1/24	6,375	6,294
Sunoco Logistics Partners Operations LP	4.250%	4/1/24	5,116	5,039
Sunoco Logistics Partners Operations LP	5.950%	12/1/25	5,700	6,081
Sunoco Logistics Partners Operations LP	3.900%	7/15/26	6,000	5,592
Sunoco Logistics Partners Operations LP	4.000%	10/1/27	4,375	4,071
TC PipeLines LP	3.900%	5/25/27	5,000	4,685
5 Texas Eastern Transmission LP	2.800%	10/15/22	25	24
Total Capital Canada Ltd.	2.750%	7/15/23	9,342	9,035
Total Capital International SA	3.700%	1/15/24	9,991	10,072
Total Capital International SA	3.750%	4/10/24	10,174	10,244
TransCanada PipeLines Ltd.	3.750%	10/16/23	7,650	7,652
TransCanada PipeLines Ltd.	4.875%	1/15/26	6,985	7,288
TransCanada PipeLines Ltd.	4.250%	5/15/28	8,500	8,554
Transcontinental Gas Pipe Line Co. LLC	7.850%	2/1/26	1,480	1,800
5 Transcontinental Gas Pipe Line Co. LLC	4.000%	3/15/28	2,550	2,488
Valero Energy Corp.	3.650%	3/15/25	4,200	4,103
Valero Energy Corp.	3.400%	9/15/26	12,528	11,883
Valero Energy Corp.	4.350%	6/1/28	5,000	4,985
Valero Energy Partners LP	4.375%	12/15/26	5,450	5,359
Valero Energy Partners LP	4.500%	3/15/28	2,800	2,753
Western Gas Partners LP	3.950%	6/1/25	6,800	6,449
Western Gas Partners LP	4.650%	7/1/26	5,814	5,716
Western Gas Partners LP	4.500%	3/1/28	500	480
Williams Partners LP	4.500%	11/15/23	3,000	3,045
Williams Partners LP	4.300%	3/4/24	9,041	9,030
Williams Partners LP	3.900%	1/15/25	13,458	13,030
Williams Partners LP	4.000%	9/15/25	12,636	12,283
Williams Partners LP	3.750%	6/15/27	15,449	14,585
Other Industrial (0.1%)				
CBRE Services Inc.	5.250%	3/15/25	4,800	5,055
CBRE Services Inc.	4.875%	3/1/26	5,660	5,849
Cintas Corp. No 2	3.700%	4/1/27	9,175	9,022
Fluor Corp.	3.500%	12/15/24	6,070	5,935
Howard Hughes Medical Institute Revenue	3.500%	9/1/23	11,026	11,181
Technology (3.8%)				
Adobe Systems Inc.	3.250%	2/1/25	9,505	9,346
Alphabet Inc.	3.375%	2/25/24	9,200	9,271
Alphabet Inc.	1.998%	8/15/26	15,499	13,870
Altera Corp.	4.100%	11/15/23	8,360	8,685
Amphenol Corp.	3.200%	4/1/24	2,950	2,835
Analog Devices Inc.	2.875%	6/1/23	3,000	2,892
Analog Devices Inc.	3.125%	12/5/23	5,535	5,350
Analog Devices Inc.	3.900%	12/15/25	1,964	1,943
Analog Devices Inc.	3.500%	12/5/26	9,723	9,280
Apple Inc.	3.000%	2/9/24	16,824	16,472
Apple Inc.	3.450%	5/6/24	12,715	12,719
Apple Inc.	2.850%	5/11/24	16,250	15,709
Apple Inc.	2.750%	1/13/25	13,300	12,680
Apple Inc.	2.500%	2/9/25	13,926	13,083
Apple Inc.	3.200%	5/13/25	18,785	18,380
Apple Inc.	3.250%	2/23/26	31,632	30,822
Apple Inc.	2.450%	8/4/26	18,187	16,663
Apple Inc.	3.350%	2/9/27	19,363	18,900
Apple Inc.	3.200%	5/11/27	19,105	18,422
Apple Inc.	3.000%	6/20/27	10,100	9,575
Apple Inc.	2.900%	9/12/27	18,450	17,313

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Apple Inc.	3.000%	11/13/27	13,700	13,013
Applied Materials Inc.	3.900%	10/1/25	6,485	6,589
Applied Materials Inc.	3.300%	4/1/27	11,301	10,944
Arrow Electronics Inc.	3.250%	9/8/24	6,100	5,685
Arrow Electronics Inc.	4.000%	4/1/25	5,225	5,095
Arrow Electronics Inc.	3.875%	1/12/28	2,400	2,252
Autodesk Inc.	4.375%	6/15/25	3,275	3,286
Autodesk Inc.	3.500%	6/15/27	4,400	4,101
Avnet Inc.	4.625%	4/15/26	5,680	5,599
Baidu Inc.	3.875%	9/29/23	7,500	7,455
Baidu Inc.	4.125%	6/30/25	4,000	3,973
Baidu Inc.	3.625%	7/6/27	5,725	5,387
Baidu Inc.	4.375%	3/29/28	4,500	4,467
Broadcom Corp. / Broadcom Cayman Finance Ltd.	3.625%	1/15/24	24,577	23,788
Broadcom Corp. / Broadcom Cayman Finance Ltd.	3.125%	1/15/25	13,250	12,259
Broadcom Corp. / Broadcom Cayman Finance Ltd.	3.875%	1/15/27	55,095	52,016
Broadridge Financial Solutions Inc.	3.400%	6/27/26	3,770	3,568
CA Inc.	4.700%	3/15/27	3,225	3,239
Cadence Design Systems Inc.	4.375%	10/15/24	3,475	3,519
Cisco Systems Inc.	2.200%	9/20/23	4,260	4,021
Cisco Systems Inc.	3.625%	3/4/24	9,557	9,680
Cisco Systems Inc.	2.950%	2/28/26	10,440	10,020
Cisco Systems Inc.	2.500%	9/20/26	14,003	12,947
Citrix Systems Inc.	4.500%	12/1/27	7,500	7,266
⁵ Diamond 1 Finance Corp. / Diamond 2 Finance Corp.	6.020%	6/15/26	44,408	46,675
DXC Technology Co.	4.250%	4/15/24	9,450	9,453
DXC Technology Co.	4.750%	4/15/27	5,015	5,055
Fidelity National Information Services Inc.	3.875%	6/5/24	3,613	3,606
Fidelity National Information Services Inc.	5.000%	10/15/25	6,425	6,754
Fidelity National Information Services Inc.	3.000%	8/15/26	14,856	13,624
Fiserv Inc.	3.850%	6/1/25	8,334	8,290
Flex Ltd.	4.750%	6/15/25	4,500	4,565
Hewlett Packard Enterprise Co.	4.900%	10/15/25	26,611	27,154
Intel Corp.	2.875%	5/11/24	15,321	14,823
Intel Corp.	3.700%	7/29/25	17,258	17,401
Intel Corp.	2.600%	5/19/26	4,448	4,146
Intel Corp.	3.150%	5/11/27	9,547	9,240
International Business Machines Corp.	3.375%	8/1/23	12,314	12,298
International Business Machines Corp.	3.625%	2/12/24	18,140	18,261
International Business Machines Corp.	3.450%	2/19/26	20,221	19,905
International Business Machines Corp.	3.300%	1/27/27	4,620	4,486
International Business Machines Corp.	6.220%	8/1/27	2,800	3,324
Jabil Inc.	3.950%	1/12/28	4,625	4,379
Juniper Networks Inc.	4.500%	3/15/24	2,970	3,019
Juniper Networks Inc.	4.350%	6/15/25	4,525	4,507
Keysight Technologies Inc.	4.550%	10/30/24	5,850	5,932
Keysight Technologies Inc.	4.600%	4/6/27	6,650	6,680
KLA-Tencor Corp.	4.650%	11/1/24	13,430	13,866
Lam Research Corp.	3.800%	3/15/25	4,000	3,984
Marvell Technology Group Ltd.	4.875%	6/22/28	5,250	5,224
Maxim Integrated Products Inc.	3.450%	6/15/27	5,125	4,842
Microsoft Corp.	2.000%	8/8/23	15,127	14,277
Microsoft Corp.	3.625%	12/15/23	11,604	11,859
Microsoft Corp.	2.875%	2/6/24	21,219	20,801
Microsoft Corp.	2.700%	2/12/25	21,380	20,542
Microsoft Corp.	3.125%	11/3/25	27,745	27,241
Microsoft Corp.	2.400%	8/8/26	36,913	34,080
Microsoft Corp.	3.300%	2/6/27	31,770	31,356
Motorola Solutions Inc.	4.000%	9/1/24	7,950	7,753
Motorola Solutions Inc.	4.600%	2/23/28	5,800	5,730
NetApp Inc.	3.300%	9/29/24	3,777	3,609
NVIDIA Corp.	3.200%	9/16/26	9,350	9,005

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Oracle Corp.	3.625%	7/15/23	8,100	8,183
Oracle Corp.	2.400%	9/15/23	21,700	20,591
Oracle Corp.	3.400%	7/8/24	19,489	19,298
Oracle Corp.	2.950%	11/15/24	27,290	26,269
Oracle Corp.	2.950%	5/15/25	13,028	12,420
Oracle Corp.	2.650%	7/15/26	28,801	26,552
Oracle Corp.	3.250%	11/15/27	18,069	17,255
QUALCOMM Inc.	2.900%	5/20/24	16,206	15,310
QUALCOMM Inc.	3.450%	5/20/25	18,384	17,709
QUALCOMM Inc.	3.250%	5/20/27	10,170	9,469
salesforce.com Inc.	3.700%	4/11/28	13,400	13,295
Seagate HDD Cayman	4.875%	3/1/24	4,475	4,363
Seagate HDD Cayman	4.750%	1/1/25	8,605	8,196
Seagate HDD Cayman	4.875%	6/1/27	7,625	7,091
Tech Data Corp.	4.950%	2/15/27	4,550	4,463
Texas Instruments Inc.	2.625%	5/15/24	3,000	2,869
Texas Instruments Inc.	2.900%	11/3/27	4,650	4,388
Total System Services Inc.	4.000%	6/1/23	2,000	2,009
Total System Services Inc.	4.800%	4/1/26	5,155	5,263
Total System Services Inc.	4.450%	6/1/28	4,000	4,010
Trimble Inc.	4.750%	12/1/24	3,877	3,960
Trimble Inc.	4.900%	6/15/28	2,500	2,495
Tyco Electronics Group SA	3.450%	8/1/24	3,200	3,109
Tyco Electronics Group SA	3.700%	2/15/26	3,147	3,086
Tyco Electronics Group SA	3.125%	8/15/27	5,000	4,674
Verisk Analytics Inc.	4.000%	6/15/25	9,534	9,377
VMware Inc.	3.900%	8/21/27	11,721	10,844
Xerox Corp.	3.625%	3/15/23	3,000	2,866
Xilinx Inc.	2.950%	6/1/24	7,075	6,733
Transportation (0.8%)				
4 American Airlines 2013-1 Class A Pass Through Trust	4.000%	1/15/27	3,039	3,016
4 American Airlines 2014-1 Class A Pass Through Trust	3.700%	4/1/28	2,500	2,440
4 American Airlines 2015-1 Class A Pass Through Trust	3.375%	11/1/28	4,352	4,177
4 American Airlines 2015-1 Class B Pass Through Trust	3.700%	11/1/24	2,275	2,211
4 American Airlines 2016-1 Class A Pass Through Trust	4.100%	1/15/28	1,346	1,336
4 American Airlines 2016-1 Class AA Pass Through Trust	3.575%	1/15/28	1,856	1,804
4 American Airlines 2017-1B Class B Pass Through Trust	4.950%	2/15/25	2,194	2,193
4 BNSF Funding Trust I	6.613%	12/15/55	100	110
Burlington Northern Santa Fe LLC	3.850%	9/1/23	7,460	7,609
Burlington Northern Santa Fe LLC	3.750%	4/1/24	9,733	9,842
Burlington Northern Santa Fe LLC	3.400%	9/1/24	3,467	3,432
Burlington Northern Santa Fe LLC	3.000%	4/1/25	6,737	6,463
Burlington Northern Santa Fe LLC	3.650%	9/1/25	5,075	5,079
Burlington Northern Santa Fe LLC	7.000%	12/15/25	5,870	7,046
Burlington Northern Santa Fe LLC	3.250%	6/15/27	5,600	5,415
Canadian National Railway Co.	2.950%	11/21/24	3,340	3,240
Canadian National Railway Co.	2.750%	3/1/26	4,010	3,774
Canadian Pacific Railway Co.	2.900%	2/1/25	4,618	4,400
Canadian Pacific Railway Co.	4.000%	6/1/28	4,500	4,564
CH Robinson Worldwide Inc.	4.200%	4/15/28	6,000	5,902
4 Continental Airlines 2012-1 Class A Pass Through Trust	4.150%	10/11/25	7,991	8,019
4 Continental Airlines 2012-2 Class A Pass Through Trust	4.000%	4/29/26	5,060	5,065
CSX Corp.	3.700%	11/1/23	4,275	4,287
CSX Corp.	3.400%	8/1/24	5,920	5,823
CSX Corp.	3.350%	11/1/25	8,850	8,528
CSX Corp.	2.600%	11/1/26	4,650	4,194
CSX Corp.	3.250%	6/1/27	6,780	6,369
CSX Corp.	3.800%	3/1/28	7,500	7,310
4 Delta Air Lines 2015-1 Class AA Pass Through Trust	3.625%	7/30/27	1,026	1,004

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Delta Air Lines Inc.	4.375%	4/19/28	4,600	4,415
FedEx Corp.	4.000%	1/15/24	5,431	5,527
FedEx Corp.	3.200%	2/1/25	7,350	7,109
FedEx Corp.	3.250%	4/1/26	9,400	8,985
FedEx Corp.	3.300%	3/15/27	4,000	3,794
FedEx Corp.	3.400%	2/15/28	5,000	4,741
Kirby Corp.	4.200%	3/1/28	4,900	4,863
Norfolk Southern Corp.	3.850%	1/15/24	2,075	2,098
Norfolk Southern Corp.	5.590%	5/17/25	2,839	3,071
Norfolk Southern Corp.	2.900%	6/15/26	3,690	3,443
Norfolk Southern Corp.	7.800%	5/15/27	450	573
Norfolk Southern Corp.	3.150%	6/1/27	2,410	2,257
Southwest Airlines Co.	3.000%	11/15/26	3,270	3,007
Southwest Airlines Co.	3.450%	11/16/27	2,900	2,755
⁴ Southwest Airlines Co. 2007-1 Pass Through Trust	6.150%	2/1/24	1,281	1,351
⁴ Spirit Airlines Class A Pass Through Certificates Series 2015-1	4.100%	10/1/29	1,482	1,472
Trinity Industries Inc.	4.550%	10/1/24	3,185	3,046
Union Pacific Corp.	3.646%	2/15/24	4,510	4,515
Union Pacific Corp.	3.750%	3/15/24	1,645	1,657
Union Pacific Corp.	3.250%	1/15/25	6,428	6,223
Union Pacific Corp.	3.750%	7/15/25	5,500	5,514
Union Pacific Corp.	3.250%	8/15/25	6,120	5,935
Union Pacific Corp.	2.750%	3/1/26	5,817	5,401
Union Pacific Corp.	3.000%	4/15/27	2,753	2,596
⁴ United Airlines 2013-1 Class A Pass Through Trust	4.300%	2/15/27	4,418	4,472
⁴ United Airlines 2014-1 Class A Pass Through Trust	4.000%	10/11/27	4,248	4,236
⁴ United Airlines 2014-2 Class A Pass Through Trust	3.750%	3/3/28	6,224	6,119
⁴ United Airlines 2015-1 Class AA Pass Through Trust	3.450%	12/1/27	1,807	1,736
United Parcel Service Inc.	2.800%	11/15/24	9,150	8,760
United Parcel Service Inc.	2.400%	11/15/26	3,100	2,819
United Parcel Service Inc.	3.050%	11/15/27	10,100	9,614
⁴ US Airways 2012-1 Class A Pass Through Trust	5.900%	4/1/26	394	423
⁴ US Airways 2012-2 Class A Pass Through Trust	4.625%	12/3/26	857	874
⁴ US Airways 2013-1 Class A Pass Through Trust	3.950%	5/15/27	3,123	3,103
				7,699,536

Utilities (2.2%)

Electric (1.9%)

⁵ AEP Texas Inc.	3.950%	6/1/28	3,000	2,998
AEP Transmission Co. LLC	3.100%	12/1/26	3,370	3,216
Alabama Power Co.	3.550%	12/1/23	3,600	3,615
Ameren Corp.	3.650%	2/15/26	2,662	2,578
Ameren Illinois Co.	3.250%	3/1/25	2,700	2,637
Ameren Illinois Co.	3.800%	5/15/28	4,200	4,225
American Electric Power Co. Inc.	3.200%	11/13/27	2,500	2,333
Appalachian Power Co.	3.400%	6/1/25	2,000	1,934
Arizona Public Service Co.	3.150%	5/15/25	3,950	3,825
Arizona Public Service Co.	2.950%	9/15/27	2,725	2,559
Avangrid Inc.	3.150%	12/1/24	5,775	5,549
Baltimore Gas & Electric Co.	3.350%	7/1/23	3,949	3,904
Baltimore Gas & Electric Co.	2.400%	8/15/26	3,300	2,996
Berkshire Hathaway Energy Co.	3.750%	11/15/23	6,925	6,994
Berkshire Hathaway Energy Co.	3.500%	2/1/25	3,811	3,765
Berkshire Hathaway Energy Co.	3.250%	4/15/28	1,000	953
Black Hills Corp.	4.250%	11/30/23	1,218	1,236
Black Hills Corp.	3.950%	1/15/26	4,150	4,106
Black Hills Corp.	3.150%	1/15/27	3,700	3,440
CenterPoint Energy Houston Electric LLC	2.400%	9/1/26	1,800	1,634
CenterPoint Energy Houston Electric LLC	3.000%	2/1/27	2,250	2,120
Cleco Corporate Holdings LLC	3.743%	5/1/26	4,980	4,703
Cleveland Electric Illuminating Co.	5.500%	8/15/24	250	273

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
CMS Energy Corp.	3.000%	5/15/26	3,000	2,811
CMS Energy Corp.	3.450%	8/15/27	3,250	3,099
Commonwealth Edison Co.	2.550%	6/15/26	6,650	6,146
Commonwealth Edison Co.	2.950%	8/15/27	3,100	2,908
Connecticut Light & Power Co.	3.200%	3/15/27	3,775	3,620
Consolidated Edison Co. of New York Inc.	3.125%	11/15/27	3,225	3,070
Consolidated Edison Co. of New York Inc.	3.800%	5/15/28	2,000	2,004
Consumers Energy Co.	3.375%	8/15/23	2,550	2,537
Delmarva Power & Light Co.	3.500%	11/15/23	5,275	5,272
Dominion Energy Inc.	3.625%	12/1/24	4,527	4,439
Dominion Energy Inc.	3.900%	10/1/25	5,930	5,835
Dominion Energy Inc.	2.850%	8/15/26	3,800	3,449
Dominion Energy Inc.	4.250%	6/1/28	1,750	1,750
4 Dominion Energy Inc.	5.750%	10/1/54	4,600	4,789
DTE Electric Co.	3.650%	3/15/24	6,050	6,086
DTE Electric Co.	3.375%	3/1/25	1,675	1,656
DTE Energy Co.	3.850%	12/1/23	2,113	2,116
DTE Energy Co.	3.500%	6/1/24	4,483	4,388
DTE Energy Co.	2.850%	10/1/26	5,703	5,213
DTE Energy Co.	3.800%	3/15/27	5,175	5,060
Duke Energy Carolinas LLC	2.950%	12/1/26	3,308	3,308
Duke Energy Corp.	3.950%	10/15/23	3,612	3,634
Duke Energy Corp.	3.750%	4/15/24	14,077	14,024
Duke Energy Corp.	2.650%	9/1/26	2,754	2,475
Duke Energy Corp.	3.150%	8/15/27	7,000	6,495
Duke Energy Florida LLC	3.200%	1/15/27	5,000	4,802
Duke Energy Florida LLC	3.800%	7/15/28	2,800	2,815
Duke Energy Ohio Inc.	3.800%	9/1/23	2,865	2,897
Duke Energy Progress LLC	3.250%	8/15/25	5,154	5,036
Edison International	4.125%	3/15/28	5,100	5,019
Emera US Finance LP	3.550%	6/15/26	10,985	10,338
Enel Americas SA	4.000%	10/25/26	1,000	950
Enel Chile SA	4.875%	6/12/28	8,500	8,559
Enel Generacion Chile SA	4.250%	4/15/24	765	754
Entergy Arkansas Inc.	3.700%	6/1/24	1,500	1,512
Entergy Arkansas Inc.	3.500%	4/1/26	6,172	6,083
Entergy Corp.	2.950%	9/1/26	8,255	7,539
Entergy Gulf States Louisiana LLC	5.590%	10/1/24	4,670	5,138
Entergy Louisiana LLC	4.050%	9/1/23	5,000	5,102
Entergy Louisiana LLC	5.400%	11/1/24	1,575	1,723
Entergy Louisiana LLC	2.400%	10/1/26	3,655	3,306
Entergy Louisiana LLC	3.120%	9/1/27	5,475	5,199
Entergy Louisiana LLC	3.250%	4/1/28	4,000	3,811
Entergy Mississippi Inc.	2.850%	6/1/28	1,085	997
Eversource Energy	2.900%	10/1/24	3,600	3,410
Eversource Energy	3.150%	1/15/25	3,810	3,684
Eversource Energy	3.300%	1/15/28	5,000	4,718
Exelon Corp.	3.950%	6/15/25	10,918	10,809
Exelon Corp.	3.400%	4/15/26	6,607	6,269
FirstEnergy Corp.	3.900%	7/15/27	15,979	15,393
Florida Power & Light Co.	3.250%	6/1/24	2,700	2,672
Florida Power & Light Co.	3.125%	12/1/25	4,850	4,727
Fortis Inc.	3.055%	10/4/26	20,529	18,679
Georgia Power Co.	3.250%	4/1/26	4,636	4,431
Georgia Power Co.	3.250%	3/30/27	2,839	2,690
Gulf Power Co.	3.300%	5/30/27	3,075	2,958
Indiana Michigan Power Co.	3.850%	5/15/28	3,400	3,395
Interstate Power & Light Co.	3.250%	12/1/24	5,000	4,877
IPALCO Enterprises Inc.	3.700%	9/1/24	1,189	1,138
ITC Holdings Corp.	3.650%	6/15/24	5,320	5,232
ITC Holdings Corp.	3.250%	6/30/26	3,825	3,589
ITC Holdings Corp.	3.350%	11/15/27	7,750	7,263

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Louisville Gas & Electric Co.	3.300%	10/1/25	2,800	2,725
MidAmerican Energy Co.	3.500%	10/15/24	6,170	6,197
MidAmerican Energy Co.	3.100%	5/1/27	575	553
Mississippi Power Co.	3.950%	3/30/28	3,000	2,967
National Rural Utilities Cooperative Finance Corp.	2.950%	2/7/24	6,440	6,204
National Rural Utilities Cooperative Finance Corp.	2.850%	1/27/25	4,850	4,612
National Rural Utilities Cooperative Finance Corp.	3.250%	11/1/25	3,970	3,847
National Rural Utilities Cooperative Finance Corp.	3.050%	4/25/27	3,200	3,021
National Rural Utilities Cooperative Finance Corp.	3.400%	2/7/28	3,500	3,408
4 National Rural Utilities Cooperative Finance Corp.	5.250%	4/20/46	3,575	3,656
NextEra Energy Capital Holdings Inc.	3.550%	5/1/27	10,046	9,599
4 NextEra Energy Capital Holdings Inc.	4.800%	12/1/77	5,200	4,849
Northern States Power Co.	2.600%	5/15/23	75	72
NSTAR Electric Co.	3.200%	5/15/27	6,780	6,502
Oncor Electric Delivery Co. LLC	2.950%	4/1/25	3,085	2,965
Pacific Gas & Electric Co.	3.850%	11/15/23	350	338
Pacific Gas & Electric Co.	3.750%	2/15/24	8,263	7,961
Pacific Gas & Electric Co.	3.400%	8/15/24	5,580	5,260
Pacific Gas & Electric Co.	3.500%	6/15/25	6,480	6,025
Pacific Gas & Electric Co.	2.950%	3/1/26	6,337	5,628
Pacific Gas & Electric Co.	3.300%	12/1/27	10,750	9,656
PacifiCorp	3.600%	4/1/24	3,575	3,595
Potomac Electric Power Co.	3.600%	3/15/24	300	299
PPL Capital Funding Inc.	3.400%	6/1/23	3,750	3,670
PPL Capital Funding Inc.	3.950%	3/15/24	1,568	1,564
PPL Capital Funding Inc.	3.100%	5/15/26	7,636	7,099
Public Service Co. of Colorado	3.700%	6/15/28	3,125	3,139
Public Service Co. of New Hampshire	3.500%	11/1/23	1,550	1,550
Public Service Electric & Gas Co.	3.000%	5/15/25	3,815	3,666
Public Service Electric & Gas Co.	2.250%	9/15/26	3,875	3,499
Public Service Electric & Gas Co.	3.000%	5/15/27	2,000	1,903
Public Service Electric & Gas Co.	3.700%	5/1/28	3,500	3,509
Puget Energy Inc.	3.650%	5/15/25	6,465	6,282
San Diego Gas & Electric Co.	3.600%	9/1/23	3,923	3,952
San Diego Gas & Electric Co.	2.500%	5/15/26	4,650	4,282
Scottish Power Ltd.	5.810%	3/15/25	900	989
Sierra Pacific Power Co.	2.600%	5/1/26	5,880	5,422
Southern California Edison Co.	3.500%	10/1/23	4,534	4,540
Southern California Edison Co.	3.650%	3/1/28	3,750	3,682
Southern Co.	2.950%	7/1/23	9,700	9,348
Southern Co.	3.250%	7/1/26	7,420	6,962
Southern Power Co.	4.150%	12/1/25	7,700	7,721
Southwestern Electric Power Co.	2.750%	10/1/26	8,750	8,002
Southwestern Public Service Co.	3.300%	6/15/24	2,650	2,596
Tucson Electric Power Co.	3.050%	3/15/25	750	706
Union Electric Co.	3.500%	4/15/24	3,375	3,374
Union Electric Co.	2.950%	6/15/27	3,500	3,300
Virginia Electric & Power Co.	3.450%	2/15/24	2,000	1,985
Virginia Electric & Power Co.	3.100%	5/15/25	3,200	3,081
Virginia Electric & Power Co.	3.150%	1/15/26	7,630	7,319
Virginia Electric & Power Co.	2.950%	11/15/26	6,192	5,815
Virginia Electric & Power Co.	3.500%	3/15/27	7,864	7,721
Virginia Electric & Power Co.	3.800%	4/1/28	6,975	6,948
WEC Energy Group Inc.	3.550%	6/15/25	3,632	3,571
Westar Energy Inc.	2.550%	7/1/26	3,835	3,506
Westar Energy Inc.	3.100%	4/1/27	2,877	2,727
Wisconsin Power & Light Co.	3.050%	10/15/27	2,700	2,539
Xcel Energy Inc.	3.300%	6/1/25	5,800	5,609
Xcel Energy Inc.	3.350%	12/1/26	4,775	4,576
Xcel Energy Inc.	4.000%	6/15/28	4,725	4,730

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Natural Gas (0.2%)				
Atmos Energy Corp.	3.000%	6/15/27	4,725	4,483
CenterPoint Energy Resources Corp.	4.000%	4/1/28	2,825	2,783
NiSource Finance Corp.	3.490%	5/15/27	9,000	8,617
ONE Gas Inc.	3.610%	2/1/24	1,845	1,831
Sempra Energy	4.050%	12/1/23	6,500	6,597
Sempra Energy	3.750%	11/15/25	7,011	6,893
Sempra Energy	3.250%	6/15/27	7,391	6,884
Sempra Energy	3.400%	2/1/28	9,100	8,519
Southern California Gas Co.	2.600%	6/15/26	11,000	10,168
Southern Co. Gas Capital Corp.	2.450%	10/1/23	3,050	2,871
Southern Co. Gas Capital Corp.	3.250%	6/15/26	1,525	1,448
Southwest Gas Corp.	3.700%	4/1/28	2,600	2,573
Other Utility (0.1%)				
American Water Capital Corp.	3.850%	3/1/24	3,525	3,565
American Water Capital Corp.	3.400%	3/1/25	6,018	5,927
American Water Capital Corp.	2.950%	9/1/27	5,550	5,202
				704,475
Total Corporate Bonds (Cost \$13,679,542)				13,222,196
Sovereign Bonds (5.2%)				
Asian Development Bank	2.000%	1/22/25	13,980	13,170
Asian Development Bank	2.125%	3/19/25	2,325	2,202
Asian Development Bank	2.000%	4/24/26	8,375	7,764
Asian Development Bank	1.750%	8/14/26	15,700	14,278
Asian Development Bank	2.625%	1/12/27	10,000	9,708
Asian Development Bank	2.375%	8/10/27	2,000	2,658
Asian Development Bank	2.500%	11/2/27	17,245	16,498
Asian Development Bank	2.750%	1/19/28	5,800	5,630
Asian Development Bank	5.820%	6/16/28	3,980	4,789
CNOOC Finance 2015 USA LLC	3.500%	5/5/25	17,575	16,914
CNOOC Finance 2015 USA LLC	4.375%	5/2/28	6,600	6,609
CNOOC Nexen Finance 2014 ULC	4.250%	4/30/24	19,900	20,149
Ecopetrol SA	5.875%	9/18/23	15,949	16,926
Ecopetrol SA	4.125%	1/16/25	7,168	6,908
Ecopetrol SA	5.375%	6/26/26	11,490	11,792
Emirates Telecommunications Group Co. PJSC	3.500%	6/18/24	2,000	1,962
European Investment Bank	3.250%	1/29/24	34,385	34,841
European Investment Bank	2.500%	10/15/24	8,725	8,482
European Investment Bank	1.875%	2/10/25	35,440	33,028
European Investment Bank	2.125%	4/13/26	2,800	2,619
European Investment Bank	2.375%	5/24/27	18,415	17,458
Export-Import Bank of Korea	4.000%	1/14/24	5,100	5,137
Export-Import Bank of Korea	2.875%	1/21/25	13,800	12,977
Export-Import Bank of Korea	3.250%	11/10/25	10,200	9,756
Export-Import Bank of Korea	2.625%	5/26/26	13,000	11,869
Export-Import Bank of Korea	3.250%	8/12/26	4,400	4,192
Export-Import Bank of Korea	2.375%	4/21/27	200	177
Hydro-Quebec	8.050%	7/7/24	8,100	10,013
Industrial & Commercial Bank of China Ltd.	3.538%	11/8/27	4,900	4,631
Inter-American Development Bank	3.000%	10/4/23	7,200	7,224
Inter-American Development Bank	3.000%	2/21/24	32,100	32,166
Inter-American Development Bank	2.125%	1/15/25	10,450	9,935
Inter-American Development Bank	7.000%	6/15/25	4,365	5,346
Inter-American Development Bank	2.000%	6/2/26	5,850	5,422
Inter-American Development Bank	2.375%	7/7/27	29,153	27,709
International Bank for Reconstruction & Development	2.500%	11/25/24	49,800	48,475
International Bank for Reconstruction & Development	2.125%	3/3/25	1,120	1,063
International Bank for Reconstruction & Development	2.500%	7/29/25	24,200	23,465
International Bank for Reconstruction & Development	8.875%	3/1/26	1,000	1,362

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

		Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
	International Bank for Reconstruction & Development	1.875%	10/27/26	12,500	11,458
	International Bank for Reconstruction & Development	2.500%	11/22/27	23,015	22,013
	International Finance Corp.	2.125%	4/7/26	8,550	8,038
6	Japan Bank for International Cooperation	3.375%	7/31/23	1,425	1,446
6	Japan Bank for International Cooperation	3.000%	5/29/24	18,450	18,194
6	Japan Bank for International Cooperation	2.125%	2/10/25	22,705	21,189
6	Japan Bank for International Cooperation	2.500%	5/28/25	1,600	1,541
6	Japan Bank for International Cooperation	2.750%	1/21/26	10,000	9,657
6	Japan Bank for International Cooperation	2.375%	4/20/26	6,000	5,638
6	Japan Bank for International Cooperation	2.250%	11/4/26	30,000	27,769
6	Japan Bank for International Cooperation	2.875%	6/1/27	25,800	25,005
6	Japan Bank for International Cooperation	2.875%	7/21/27	16,000	15,488
6	Japan Bank for International Cooperation	2.750%	11/16/27	7,740	7,407
6	Japan International Cooperation Agency	2.750%	4/27/27	8,600	8,198
6	Japan International Cooperation Agency	3.375%	6/12/28	4,700	4,723
7	KFW	2.500%	11/20/24	60,240	58,504
7	KFW	2.000%	5/2/25	20,000	18,773
7	KFW	2.875%	4/3/28	14,200	13,936
	Korea Development Bank	3.750%	1/22/24	8,050	8,037
	Korea Development Bank	3.000%	1/13/26	10,000	9,432
	Korea Development Bank	2.000%	9/12/26	8,750	7,618
7	Landwirtschaftliche Rentenbank	2.000%	1/13/25	14,280	13,450
7	Landwirtschaftliche Rentenbank	2.375%	6/10/25	12,800	12,313
7	Landwirtschaftliche Rentenbank	1.750%	7/27/26	14,925	13,550
7	Landwirtschaftliche Rentenbank	2.500%	11/15/27	16,640	15,904
4	Oriental Republic of Uruguay	4.500%	8/14/24	14,301	14,738
4	Oriental Republic of Uruguay	4.375%	10/27/27	19,650	19,896
	Petroleos Mexicanos	4.625%	9/21/23	11,300	11,141
	Petroleos Mexicanos	4.875%	1/18/24	25,120	24,770
4	Petroleos Mexicanos	2.290%	2/15/24	1,140	1,120
	Petroleos Mexicanos	4.250%	1/15/25	9,175	8,559
	Petroleos Mexicanos	4.500%	1/23/26	5,395	5,044
	Petroleos Mexicanos	6.875%	8/4/26	27,830	29,213
	Petroleos Mexicanos	6.500%	3/13/27	60,240	61,855
5	Petroleos Mexicanos	5.350%	2/12/28	8,650	8,209
	Province of Alberta	3.300%	3/15/28	11,600	11,552
	Province of British Columbia	6.500%	1/15/26	1,935	2,327
	Province of British Columbia	2.250%	6/2/26	8,540	7,973
	Province of Manitoba	3.050%	5/14/24	1,900	1,879
	Province of Manitoba	2.125%	6/22/26	4,000	3,663
	Province of New Brunswick	3.625%	2/24/28	4,705	4,797
	Province of Ontario	3.200%	5/16/24	11,650	11,619
	Province of Ontario	2.500%	4/27/26	7,500	7,106
	Province of Quebec	7.125%	2/9/24	16,625	19,740
	Province of Quebec	2.875%	10/16/24	14,020	13,788
	Province of Quebec	2.500%	4/20/26	14,000	13,313
	Province of Quebec	2.750%	4/12/27	16,900	16,238
	Republic of Chile	3.125%	3/27/25	420	406
	Republic of Chile	3.125%	1/21/26	16,338	15,664
4	Republic of Chile	3.240%	2/6/28	14,375	13,737
	Republic of Colombia	4.000%	2/26/24	7,975	7,975
	Republic of Colombia	8.125%	5/21/24	6,140	7,395
4	Republic of Colombia	4.500%	1/28/26	10,861	11,024
4	Republic of Colombia	3.875%	4/25/27	22,100	21,485
	Republic of Finland	6.950%	2/15/26	695	851
	Republic of Hungary	5.750%	11/22/23	26,683	28,718
	Republic of Hungary	5.375%	3/25/24	13,266	14,095
5	Republic of Indonesia	3.850%	7/18/27	300	285
	Republic of Indonesia	3.500%	1/11/28	13,250	12,207
	Republic of Indonesia	4.100%	4/24/28	9,000	8,684
	Republic of Italy	6.875%	9/27/23	25,415	28,067
	Republic of Korea	3.875%	9/11/23	9,765	9,982

Vanguard® Intermediate-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Republic of Korea	5.625%	11/3/25	1,775	2,013
Republic of Korea	2.750%	1/19/27	13,500	12,637
⁴ Republic of Panama	4.000%	9/22/24	17,080	17,236
⁴ Republic of Panama	3.750%	3/16/25	15,895	15,725
Republic of Panama	7.125%	1/29/26	11,869	14,166
Republic of Panama	8.875%	9/30/27	11,920	16,003
Republic of Peru	7.350%	7/21/25	19,615	23,945
Republic of Peru	4.125%	8/25/27	7,060	7,221
Republic of Philippines	3.000%	2/1/28	19,000	17,448
Republic of Poland	4.000%	1/22/24	22,747	23,117
Republic of Poland	3.250%	4/6/26	11,175	10,767
Republic of the Philippines	4.200%	1/21/24	14,880	15,140
Republic of the Philippines	9.500%	10/21/24	3,400	4,484
Republic of the Philippines	10.625%	3/16/25	9,495	13,210
Republic of the Philippines	5.500%	3/30/26	13,475	14,823
State of Israel	3.150%	6/30/23	9,800	9,665
State of Israel	2.875%	3/16/26	10,000	9,466
State of Israel	3.250%	1/17/28	9,500	9,139
Statoil ASA	2.650%	1/15/24	16,969	16,272
Statoil ASA	3.700%	3/1/24	4,458	4,496
Statoil ASA	3.250%	11/10/24	8,320	8,206
Statoil ASA	7.250%	9/23/27	6,375	7,933
Statoil ASA	6.800%	1/15/28	435	540
United Mexican States	4.000%	10/2/23	21,915	21,941
United Mexican States	3.600%	1/30/25	22,480	21,741
United Mexican States	4.125%	1/21/26	30,885	30,585
United Mexican States	11.500%	5/15/26	500	739
United Mexican States	4.150%	3/28/27	36,825	36,249
United Mexican States	3.750%	1/11/28	15,630	14,757
Total Sovereign Bonds (Cost \$1,769,918)				1,713,364
Taxable Municipal Bonds (0.2%)				
Alabama Economic Settlement Authority BP Settlement Revenue	3.163%	9/15/25	2,300	2,279
California GO	6.650%	3/1/22	3,500	3,870
California GO	3.375%	4/1/25	4,575	4,560
California GO	3.500%	4/1/28	3,600	3,589
Energy Northwest Washington Electric Revenue (Columbia Generating Station)	2.814%	7/1/24	190	186
Oregon GO	5.892%	6/1/27	13,900	16,216
Regents of the University of California Revenue	3.063%	7/1/25	9,500	9,245
South Carolina Public Service Authority Revenue	2.388%	12/1/23	3,100	2,888
Utah GO	4.554%	7/1/24	9,895	10,406
Utah GO	3.539%	7/1/25	65	66
Wisconsin General Fund Annual Appropriation Revenue	3.154%	5/1/27	3,300	3,226
⁸ Wisconsin GO	5.700%	5/1/26	3,245	3,608
Total Taxable Municipal Bonds (Cost \$61,463)				60,139
Shares				
Temporary Cash Investment (0.7%)				
Money Market Fund (0.7%)				
⁹ Vanguard Market Liquidity Fund (Cost \$209,136)	2.122%		2,091,242	209,145
Total Investments (99.9%) (Cost \$33,818,596)				32,630,280
Other Assets and Liabilities—Net (0.1%)				41,786
Net Assets (100%)				32,672,066

¹ U.S. government-guaranteed.

- 2 The issuer operates under a congressional charter; its securities are generally neither guaranteed by the U.S. Treasury nor backed by the full faith and credit of the U.S. government.
- 3 The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.
- 4 The average or expected maturity is shorter than the final maturity shown because of the possibility of interim principal payments and prepayments or the possibility of the issue being called.
- 5 Security exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At June 30, 2018, the aggregate value of these securities was \$255,572,000, representing 0.8% of net assets.
- 6 Guaranteed by the Government of Japan.
- 7 Guaranteed by the Federal Republic of Germany.
- 8 Scheduled principal and interest payments are guaranteed by AGM (Assured Guaranty Municipal Corporation).
- 9 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.
GO—General Obligation Bond.
REIT—Real Estate Investment Trust.

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
U.S. Government and Agency Obligations (42.0%)				
U.S. Government Securities (40.3%)				
United States Treasury Note/Bond	2.750%	2/15/28	13,245	13,123
United States Treasury Note/Bond	2.875%	5/15/28	22,795	22,831
United States Treasury Note/Bond	5.500%	8/15/28	375	461
United States Treasury Note/Bond	5.250%	11/15/28	4,180	5,069
United States Treasury Note/Bond	5.250%	2/15/29	18,176	22,118
United States Treasury Note/Bond	6.125%	8/15/29	17,235	22,545
United States Treasury Note/Bond	6.250%	5/15/30	44,840	59,973
United States Treasury Note/Bond	5.375%	2/15/31	27,805	35,112
United States Treasury Note/Bond	4.500%	2/15/36	44,655	54,549
United States Treasury Note/Bond	4.750%	2/15/37	15,760	19,951
United States Treasury Note/Bond	5.000%	5/15/37	26,854	35,028
United States Treasury Note/Bond	4.375%	2/15/38	30,498	37,126
United States Treasury Note/Bond	4.500%	5/15/38	31,490	38,984
United States Treasury Note/Bond	3.500%	2/15/39	46,192	50,241
United States Treasury Note/Bond	4.250%	5/15/39	34,662	41,756
United States Treasury Note/Bond	4.500%	8/15/39	43,381	54,017
United States Treasury Note/Bond	4.375%	11/15/39	51,255	62,876
United States Treasury Note/Bond	4.625%	2/15/40	51,261	64,982
United States Treasury Note/Bond	4.375%	5/15/40	62,098	76,303
United States Treasury Note/Bond	3.875%	8/15/40	51,315	58,964
United States Treasury Note/Bond	4.250%	11/15/40	51,900	62,856
United States Treasury Note/Bond	4.750%	2/15/41	62,480	80,873
United States Treasury Note/Bond	4.375%	5/15/41	47,545	58,644
United States Treasury Note/Bond	3.750%	8/15/41	54,075	61,122
United States Treasury Note/Bond	3.125%	11/15/41	49,577	50,863
United States Treasury Note/Bond	3.125%	2/15/42	58,902	60,411
United States Treasury Note/Bond	3.000%	5/15/42	79,000	79,346
United States Treasury Note/Bond	2.750%	8/15/42	75,033	72,090
United States Treasury Note/Bond	2.750%	11/15/42	105,618	101,393
United States Treasury Note/Bond	3.125%	2/15/43	98,660	101,096
United States Treasury Note/Bond	2.875%	5/15/43	170,855	167,598
United States Treasury Note/Bond	3.625%	8/15/43	111,000	123,505
United States Treasury Note/Bond	3.750%	11/15/43	136,310	154,776
United States Treasury Note/Bond	3.625%	2/15/44	142,444	158,691
United States Treasury Note/Bond	3.375%	5/15/44	136,587	146,148
United States Treasury Note/Bond	3.125%	8/15/44	118,838	121,809
United States Treasury Note/Bond	3.000%	11/15/44	143,056	143,414
United States Treasury Note/Bond	2.500%	2/15/45	114,792	104,496
United States Treasury Note/Bond	3.000%	5/15/45	144,455	144,816
United States Treasury Note/Bond	2.875%	8/15/45	132,712	129,892
United States Treasury Note/Bond	3.000%	11/15/45	89,750	89,960
United States Treasury Note/Bond	2.500%	2/15/46	128,432	116,592
United States Treasury Note/Bond	2.500%	5/15/46	142,466	129,265
United States Treasury Note/Bond	2.250%	8/15/46	136,279	117,178
United States Treasury Note/Bond	2.875%	11/15/46	144,764	141,575
United States Treasury Note/Bond	3.000%	2/15/47	132,644	132,954
United States Treasury Note/Bond	3.000%	5/15/47	83,746	83,903
United States Treasury Note/Bond	2.750%	8/15/47	139,746	133,195
United States Treasury Note/Bond	2.750%	11/15/47	138,511	132,017
United States Treasury Note/Bond	3.000%	2/15/48	138,042	138,344
United States Treasury Note/Bond	3.125%	5/15/48	143,256	147,107
				4,261,938
Agency Bonds and Notes (1.7%)				
¹ Federal Home Loan Banks	5.625%	3/14/36	1,000	1,299
¹ Federal Home Loan Banks	5.500%	7/15/36	8,965	11,733
² Federal Home Loan Mortgage Corp.	6.750%	9/15/29	1,890	2,522
² Federal Home Loan Mortgage Corp.	6.750%	3/15/31	16,185	22,130
² Federal Home Loan Mortgage Corp.	6.250%	7/15/32	19,412	26,021
² Federal National Mortgage Assn.	6.250%	5/15/29	16,280	20,866
² Federal National Mortgage Assn.	7.125%	1/15/30	9,175	12,608
² Federal National Mortgage Assn.	7.250%	5/15/30	10,230	14,311

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
² Federal National Mortgage Assn.	6.625%	11/15/30	9,050	12,199
² Federal National Mortgage Assn.	5.625%	7/15/37	6,080	8,140
² Federal National Mortgage Assn.	6.210%	8/6/38	700	993
¹ Tennessee Valley Authority	7.125%	5/1/30	3,970	5,454
¹ Tennessee Valley Authority	4.650%	6/15/35	4,510	5,176
¹ Tennessee Valley Authority	5.880%	4/1/36	4,535	6,018
¹ Tennessee Valley Authority	5.980%	4/1/36	1,000	1,324
¹ Tennessee Valley Authority	6.150%	1/15/38	2,450	3,411
¹ Tennessee Valley Authority	5.500%	6/15/38	1,175	1,513
¹ Tennessee Valley Authority	5.250%	9/15/39	10,390	13,262
¹ Tennessee Valley Authority	4.875%	1/15/48	2,650	3,262
¹ Tennessee Valley Authority	5.375%	4/1/56	1,950	2,652
¹ Tennessee Valley Authority	4.625%	9/15/60	1,400	1,697
¹ Tennessee Valley Authority	4.250%	9/15/65	3,500	3,955
				180,546

Total U.S. Government and Agency Obligations (Cost \$4,408,628)

4,442,484

Corporate Bonds (49.1%)

Finance (8.2%)

Banking (4.4%)

American Express Co.	4.050%	12/3/42	1,766	1,724
Bank of America Corp.	6.110%	1/29/37	6,050	6,961
³ Bank of America Corp.	4.244%	4/24/38	6,980	6,773
Bank of America Corp.	7.750%	5/14/38	6,009	8,131
Bank of America Corp.	5.875%	2/7/42	5,500	6,425
Bank of America Corp.	5.000%	1/21/44	9,641	10,114
Bank of America Corp.	4.875%	4/1/44	5,823	6,091
Bank of America Corp.	4.750%	4/21/45	1,990	1,972
Bank of America Corp.	4.443%	1/20/48	2,500	2,423
³ Bank of America Corp.	3.946%	1/23/49	2,530	2,295
Bank of America NA	6.000%	10/15/36	4,524	5,408
Bank of New York Mellon Corp.	3.000%	10/30/28	1,030	947
Bank of New York Mellon Corp.	3.300%	8/23/29	3,021	2,807
Bank One Capital III	8.750%	9/1/30	575	788
Barclays plc	5.250%	8/17/45	2,500	2,423
Barclays plc	4.950%	1/10/47	5,310	4,980
Citigroup Inc.	4.125%	7/25/28	7,551	7,214
Citigroup Inc.	6.625%	6/15/32	3,600	4,216
Citigroup Inc.	6.000%	10/31/33	3,251	3,642
Citigroup Inc.	6.125%	8/25/36	2,033	2,296
³ Citigroup Inc.	3.878%	1/24/39	3,275	2,984
Citigroup Inc.	8.125%	7/15/39	7,234	10,145
Citigroup Inc.	5.875%	1/30/42	3,380	3,906
Citigroup Inc.	6.675%	9/13/43	3,119	3,771
Citigroup Inc.	4.950%	11/7/43	1,983	2,059
Citigroup Inc.	5.300%	5/6/44	4,875	5,015
Citigroup Inc.	4.650%	7/30/45	900	888
Citigroup Inc.	4.750%	5/18/46	2,990	2,819
³ Citigroup Inc.	4.281%	4/24/48	3,275	3,095
Cooperatieve Rabobank UA	5.250%	5/24/41	2,525	2,829
Cooperatieve Rabobank UA	5.750%	12/1/43	1,955	2,168
Cooperatieve Rabobank UA	5.250%	8/4/45	7,091	7,354
⁴ Credit Suisse Group AG	4.282%	1/9/28	1,425	1,381
Credit Suisse Group Funding Guernsey Ltd.	4.875%	5/15/45	6,545	6,483
Credit Suisse USA Inc.	7.125%	7/15/32	1,345	1,692
Fifth Third Bancorp	8.250%	3/1/38	3,345	4,567
First Republic Bank	4.375%	8/1/46	1,300	1,252
First Republic Bank	4.625%	2/13/47	1,575	1,554
Goldman Sachs Capital I	6.345%	2/15/34	3,850	4,437
Goldman Sachs Group Inc.	6.125%	2/15/33	9,035	10,326
Goldman Sachs Group Inc.	6.450%	5/1/36	3,427	3,947
Goldman Sachs Group Inc.	6.750%	10/1/37	16,715	19,821
³ Goldman Sachs Group Inc.	4.017%	10/31/38	8,570	7,788

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
³ Goldman Sachs Group Inc.	4.411%	4/23/39	5,300	5,079
Goldman Sachs Group Inc.	6.250%	2/1/41	8,380	9,777
Goldman Sachs Group Inc.	4.800%	7/8/44	6,625	6,540
Goldman Sachs Group Inc.	5.150%	5/22/45	7,280	7,136
Goldman Sachs Group Inc.	4.750%	10/21/45	5,796	5,710
HSBC Bank USA NA	5.875%	11/1/34	2,221	2,544
HSBC Bank USA NA	5.625%	8/15/35	2,531	2,824
HSBC Bank USA NA	7.000%	1/15/39	2,600	3,350
HSBC Holdings plc	7.625%	5/17/32	1,450	1,841
HSBC Holdings plc	7.350%	11/27/32	200	251
HSBC Holdings plc	6.500%	5/2/36	8,003	9,255
HSBC Holdings plc	6.500%	9/15/37	8,075	9,406
HSBC Holdings plc	6.800%	6/1/38	3,490	4,193
HSBC Holdings plc	6.100%	1/14/42	3,270	3,945
HSBC Holdings plc	5.250%	3/14/44	6,615	6,681
JPMorgan Chase & Co.	6.400%	5/15/38	8,287	10,205
³ JPMorgan Chase & Co.	3.882%	7/24/38	8,925	8,247
JPMorgan Chase & Co.	5.500%	10/15/40	5,025	5,585
JPMorgan Chase & Co.	5.600%	7/15/41	6,780	7,593
JPMorgan Chase & Co.	5.400%	1/6/42	4,148	4,578
JPMorgan Chase & Co.	5.625%	8/16/43	4,000	4,423
JPMorgan Chase & Co.	4.850%	2/1/44	3,950	4,086
JPMorgan Chase & Co.	4.950%	6/1/45	5,589	5,673
³ JPMorgan Chase & Co.	4.260%	2/22/48	6,855	6,404
³ JPMorgan Chase & Co.	4.032%	7/24/48	4,950	4,503
³ JPMorgan Chase & Co.	3.964%	11/15/48	6,000	5,358
³ JPMorgan Chase & Co.	3.897%	1/23/49	6,550	5,821
Lloyds Banking Group plc	5.300%	12/1/45	3,080	3,054
Lloyds Banking Group plc	4.344%	1/9/48	5,000	4,265
Morgan Stanley	7.250%	4/1/32	2,886	3,609
³ Morgan Stanley	3.971%	7/22/38	6,450	5,971
³ Morgan Stanley	4.457%	4/22/39	5,625	5,479
Morgan Stanley	6.375%	7/24/42	6,825	8,306
Morgan Stanley	4.300%	1/27/45	8,405	7,924
Morgan Stanley	4.375%	1/22/47	7,355	7,018
Regions Bank	6.450%	6/26/37	1,650	1,948
Regions Financial Corp.	7.375%	12/10/37	1,000	1,284
Wachovia Corp.	7.500%	4/15/35	1,490	1,878
Wachovia Corp.	5.500%	8/1/35	1,869	2,014
Wachovia Corp.	6.550%	10/15/35	125	147
Wells Fargo & Co.	5.375%	2/7/35	2,550	2,844
Wells Fargo & Co.	5.375%	11/2/43	5,460	5,641
Wells Fargo & Co.	5.606%	1/15/44	8,105	8,616
Wells Fargo & Co.	4.650%	11/4/44	4,600	4,341
Wells Fargo & Co.	3.900%	5/1/45	5,545	5,047
Wells Fargo & Co.	4.900%	11/17/45	6,966	6,905
Wells Fargo & Co.	4.400%	6/14/46	6,996	6,349
Wells Fargo & Co.	4.750%	12/7/46	7,175	6,864
Wells Fargo Bank NA	5.950%	8/26/36	1,555	1,803
Wells Fargo Bank NA	5.850%	2/1/37	2,861	3,270
Wells Fargo Bank NA	6.600%	1/15/38	5,089	6,324
³ Wells Fargo Capital X	5.950%	12/1/86	3,025	3,278
Brokerage (0.2%)				
Brookfield Finance Inc.	4.700%	9/20/47	3,000	2,841
CME Group Inc.	5.300%	9/15/43	2,515	2,951
CME Group Inc.	4.150%	6/15/48	2,325	2,350
Invesco Finance plc	5.375%	11/30/43	1,700	1,927
Jefferies Group LLC	6.250%	1/15/36	1,750	1,778
Jefferies Group LLC	6.500%	1/20/43	1,350	1,392
Jefferies Group LLC / Jefferies Group Capital Finance Inc.	4.150%	1/23/30	3,500	3,087
Legg Mason Inc.	5.625%	1/15/44	1,900	2,014
Raymond James Financial Inc.	4.950%	7/15/46	2,725	2,771

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Finance Companies (0.4%)				
GATX Corp.	4.550%	11/7/28	1,250	1,242
GATX Corp.	5.200%	3/15/44	875	902
GE Capital International Funding Co. Unlimited Co.	4.418%	11/15/35	38,116	36,932
Insurance (2.8%)				
ACE Capital Trust II	9.700%	4/1/30	1,100	1,573
Aetna Inc.	6.625%	6/15/36	2,539	3,092
Aetna Inc.	6.750%	12/15/37	1,760	2,237
Aetna Inc.	4.500%	5/15/42	1,650	1,628
Aetna Inc.	4.125%	11/15/42	1,650	1,524
Aetna Inc.	4.750%	3/15/44	1,300	1,302
Aetna Inc.	3.875%	8/15/47	3,300	2,924
Aflac Inc.	4.000%	10/15/46	1,275	1,188
Alleghany Corp.	4.900%	9/15/44	975	985
Allstate Corp.	5.550%	5/9/35	1,475	1,708
Allstate Corp.	5.950%	4/1/36	1,050	1,275
Allstate Corp.	4.500%	6/15/43	1,700	1,757
Allstate Corp.	4.200%	12/15/46	3,800	3,715
3 Allstate Corp.	6.500%	5/15/67	1,675	1,885
American Financial Group Inc.	4.500%	6/15/47	2,000	1,886
American International Group Inc.	3.875%	1/15/35	1,661	1,475
American International Group Inc.	4.700%	7/10/35	1,650	1,611
American International Group Inc.	6.250%	5/1/36	3,711	4,203
American International Group Inc.	4.500%	7/16/44	6,839	6,367
American International Group Inc.	4.800%	7/10/45	1,988	1,935
American International Group Inc.	4.750%	4/1/48	3,885	3,737
American International Group Inc.	4.375%	1/15/55	3,675	3,188
3 American International Group Inc.	8.175%	5/15/68	1,500	1,884
Anthem Inc.	5.950%	12/15/34	1	1
Anthem Inc.	5.850%	1/15/36	1,300	1,485
Anthem Inc.	6.375%	6/15/37	1,250	1,495
Anthem Inc.	4.625%	5/15/42	3,452	3,357
Anthem Inc.	4.650%	1/15/43	1,531	1,477
Anthem Inc.	5.100%	1/15/44	4,170	4,290
Anthem Inc.	4.650%	8/15/44	2,975	2,909
Anthem Inc.	4.375%	12/1/47	6,020	5,585
Anthem Inc.	4.550%	3/1/48	920	880
Anthem Inc.	4.850%	8/15/54	500	491
Aon Corp.	6.250%	9/30/40	975	1,174
Aon plc	4.600%	6/14/44	1,825	1,796
Aon plc	4.750%	5/15/45	2,390	2,350
Arch Capital Finance LLC	5.031%	12/15/46	1,450	1,511
Arch Capital Group Ltd.	7.350%	5/1/34	925	1,198
Arch Capital Group US Inc.	5.144%	11/1/43	2,180	2,373
Assurant Inc.	6.750%	2/15/34	1,189	1,390
4 AXA Equitable Holdings Inc.	5.000%	4/20/48	5,600	5,162
AXA SA	8.600%	12/15/30	4,120	5,240
Berkshire Hathaway Finance Corp.	5.750%	1/15/40	3,368	3,975
Berkshire Hathaway Finance Corp.	4.400%	5/15/42	2,324	2,433
Berkshire Hathaway Finance Corp.	4.300%	5/15/43	1,155	1,167
Berkshire Hathaway Inc.	4.500%	2/11/43	3,675	3,775
Brighthouse Financial Inc.	4.700%	6/22/47	5,100	4,201
Chubb Corp.	6.000%	5/11/37	2,718	3,330
Chubb Corp.	6.500%	5/15/38	1,695	2,179
Chubb INA Holdings Inc.	6.700%	5/15/36	2,200	2,805
Chubb INA Holdings Inc.	4.150%	3/13/43	1,652	1,624
Chubb INA Holdings Inc.	4.350%	11/3/45	1,876	1,915
Cigna Corp.	5.375%	2/15/42	945	1,017
Cigna Corp.	3.875%	10/15/47	3,455	2,937
Cincinnati Financial Corp.	6.125%	11/1/34	1,350	1,596
Everest Reinsurance Holdings Inc.	4.868%	6/1/44	1,500	1,515
Hartford Financial Services Group Inc.	5.950%	10/15/36	1,500	1,754
Hartford Financial Services Group Inc.	6.100%	10/1/41	1,630	1,950

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Hartford Financial Services Group Inc.	4.300%	4/15/43	625	589
Humana Inc.	4.625%	12/1/42	1,501	1,485
Humana Inc.	4.950%	10/1/44	2,587	2,683
Humana Inc.	4.800%	3/15/47	1,100	1,131
Lincoln National Corp.	6.150%	4/7/36	1,016	1,188
Lincoln National Corp.	6.300%	10/9/37	780	931
Lincoln National Corp.	7.000%	6/15/40	2,325	2,918
Lincoln National Corp.	4.350%	3/1/48	1,400	1,297
Loews Corp.	6.000%	2/1/35	1,125	1,309
Loews Corp.	4.125%	5/15/43	1,715	1,604
Manulife Financial Corp.	5.375%	3/4/46	2,615	2,935
Markel Corp.	5.000%	4/5/46	1,840	1,881
Markel Corp.	4.300%	11/1/47	100	94
Marsh & McLennan Cos. Inc.	5.875%	8/1/33	645	754
Marsh & McLennan Cos. Inc.	4.350%	1/30/47	1,350	1,341
Marsh & McLennan Cos. Inc.	4.200%	3/1/48	3,610	3,510
MetLife Inc.	6.500%	12/15/32	1,725	2,127
MetLife Inc.	6.375%	6/15/34	2,747	3,325
MetLife Inc.	5.700%	6/15/35	3,875	4,422
MetLife Inc.	5.875%	2/6/41	2,543	2,967
MetLife Inc.	4.125%	8/13/42	2,932	2,750
MetLife Inc.	4.875%	11/13/43	3,931	4,103
MetLife Inc.	4.721%	12/15/44	2,975	3,034
MetLife Inc.	4.050%	3/1/45	2,316	2,145
MetLife Inc.	4.600%	5/13/46	1,130	1,139
MetLife Inc.	6.400%	12/15/66	4,545	4,852
MetLife Inc.	10.750%	8/1/69	840	1,300
Nationwide Financial Services Inc.	6.750%	5/15/87	875	960
Principal Financial Group Inc.	4.625%	9/15/42	1,525	1,537
Principal Financial Group Inc.	4.350%	5/15/43	1,575	1,524
Principal Financial Group Inc.	4.300%	11/15/46	1,005	939
Progressive Corp.	6.625%	3/1/29	1,050	1,258
Progressive Corp.	4.350%	4/25/44	3,115	3,105
Progressive Corp.	4.125%	4/15/47	3,500	3,410
Progressive Corp.	4.200%	3/15/48	2,050	2,020
Prudential Financial Inc.	5.750%	7/15/33	350	402
Prudential Financial Inc.	5.700%	12/14/36	2,690	3,140
Prudential Financial Inc.	6.625%	12/1/37	1,318	1,656
Prudential Financial Inc.	6.625%	6/21/40	1,150	1,477
Prudential Financial Inc.	6.200%	11/15/40	1,725	2,067
Prudential Financial Inc.	5.100%	8/15/43	1,195	1,302
Prudential Financial Inc.	4.600%	5/15/44	1,713	1,744
Prudential Financial Inc.	3.905%	12/7/47	2,311	2,078
Prudential Financial Inc.	3.935%	12/7/49	3,538	3,193
Sompo International Holdings Ltd.	7.000%	7/15/34	1,125	1,370
Transatlantic Holdings Inc.	8.000%	11/30/39	1,045	1,428
Travelers Cos. Inc.	6.750%	6/20/36	1,000	1,301
Travelers Cos. Inc.	6.250%	6/15/37	2,640	3,263
Travelers Cos. Inc.	5.350%	11/1/40	3,078	3,553
Travelers Cos. Inc.	4.600%	8/1/43	1,825	1,908
Travelers Cos. Inc.	4.300%	8/25/45	775	780
Travelers Cos. Inc.	3.750%	5/15/46	2,030	1,865
Travelers Cos. Inc.	4.000%	5/30/47	2,000	1,921
Travelers Cos. Inc.	4.050%	3/7/48	1,250	1,213
Travelers Property Casualty Corp.	6.375%	3/15/33	2,055	2,541
UnitedHealth Group Inc.	4.625%	7/15/35	3,816	4,011
UnitedHealth Group Inc.	5.800%	3/15/36	1,395	1,654
UnitedHealth Group Inc.	6.500%	6/15/37	1,265	1,639
UnitedHealth Group Inc.	6.625%	11/15/37	2,425	3,149
UnitedHealth Group Inc.	6.875%	2/15/38	4,066	5,391
UnitedHealth Group Inc.	5.700%	10/15/40	100	119
UnitedHealth Group Inc.	5.950%	2/15/41	1,050	1,297
UnitedHealth Group Inc.	4.625%	11/15/41	2,750	2,891
UnitedHealth Group Inc.	4.375%	3/15/42	1,675	1,688

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
UnitedHealth Group Inc.	3.950%	10/15/42	1,980	1,871
UnitedHealth Group Inc.	4.250%	3/15/43	4,198	4,160
UnitedHealth Group Inc.	4.750%	7/15/45	5,230	5,586
UnitedHealth Group Inc.	4.200%	1/15/47	3,484	3,421
UnitedHealth Group Inc.	4.250%	4/15/47	1,252	1,246
UnitedHealth Group Inc.	3.750%	10/15/47	2,950	2,719
UnitedHealth Group Inc.	4.250%	6/15/48	5,750	5,752
Unum Group	5.750%	8/15/42	1,905	2,027
Voya Financial Inc.	5.700%	7/15/43	1,375	1,518
Voya Financial Inc.	4.800%	6/15/46	950	930
WR Berkley Corp.	4.750%	8/1/44	2,170	2,232
XLIT Ltd.	5.250%	12/15/43	1,150	1,256
XLIT Ltd.	5.500%	3/31/45	1,500	1,556
Real Estate Investment Trusts (0.4%)				
Alexandria Real Estate Equities Inc.	4.500%	7/30/29	702	698
Alexandria Real Estate Equities Inc.	4.700%	7/1/30	1,800	1,815
AvalonBay Communities Inc.	3.900%	10/15/46	1,350	1,251
AvalonBay Communities Inc.	4.150%	7/1/47	525	508
AvalonBay Communities Inc.	4.350%	4/15/48	1,250	1,237
Digital Realty Trust LP	4.450%	7/15/28	2,775	2,782
ERP Operating LP	4.500%	7/1/44	2,325	2,360
ERP Operating LP	4.500%	6/1/45	1,025	1,041
ERP Operating LP	4.000%	8/1/47	1,000	933
Essex Portfolio LP	4.500%	3/15/48	1,000	977
Federal Realty Investment Trust	4.500%	12/1/44	2,110	2,136
HCP Inc.	6.750%	2/1/41	900	1,137
Hospitality Properties Trust	4.375%	2/15/30	1,600	1,477
Kilroy Realty LP	4.250%	8/15/29	650	637
Kimco Realty Corp.	4.250%	4/1/45	1,000	894
Kimco Realty Corp.	4.125%	12/1/46	1,200	1,045
Kimco Realty Corp.	4.450%	9/1/47	1,180	1,074
Prologis LP	3.875%	9/15/28	1,000	1,000
Prologis LP	4.375%	9/15/48	1,000	1,014
Realty Income Corp.	4.650%	3/15/47	3,090	3,124
Regency Centers LP	4.400%	2/1/47	1,450	1,382
Simon Property Group LP	6.750%	2/1/40	2,070	2,666
Simon Property Group LP	4.750%	3/15/42	1,500	1,567
Simon Property Group LP	4.250%	10/1/44	1,465	1,429
Simon Property Group LP	4.250%	11/30/46	2,000	1,936
Ventas Realty LP	5.700%	9/30/43	750	820
Ventas Realty LP	4.375%	2/1/45	1,450	1,331
Welltower Inc.	6.500%	3/15/41	1,340	1,623
				865,477

Industrial (34.8%)

Basic Industry (2.1%)

Albemarle Corp.	5.450%	12/1/44	1,250	1,322
ArcelorMittal	7.000%	10/15/39	3,675	4,222
ArcelorMittal	6.750%	3/1/41	1,500	1,695
Barrick Gold Corp.	5.250%	4/1/42	1,854	1,929
Barrick North America Finance LLC	5.700%	5/30/41	2,890	3,161
Barrick North America Finance LLC	5.750%	5/1/43	3,031	3,367
Barrick PD Australia Finance Pty Ltd.	5.950%	10/15/39	3,057	3,397
BHP Billiton Finance USA Ltd.	4.125%	2/24/42	3,435	3,433
BHP Billiton Finance USA Ltd.	5.000%	9/30/43	7,796	8,763
⁴ Celulosa Arauco y Constitucion SA	5.500%	11/2/47	1,700	1,654
Dow Chemical Co.	7.375%	11/1/29	2,743	3,424
Dow Chemical Co.	4.250%	10/1/34	2,125	2,040
Dow Chemical Co.	9.400%	5/15/39	2,521	3,881
Dow Chemical Co.	5.250%	11/15/41	2,839	2,984
Dow Chemical Co.	4.375%	11/15/42	5,337	5,034
Eastman Chemical Co.	4.800%	9/1/42	2,090	2,057
Eastman Chemical Co.	4.650%	10/15/44	2,650	2,594
Ecolab Inc.	5.500%	12/8/41	469	551

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Ecolab Inc.	3.950%	12/1/47	3,829	3,661
El du Pont de Nemours & Co.	5.600%	12/15/36	627	723
El du Pont de Nemours & Co.	4.900%	1/15/41	2,290	2,353
El du Pont de Nemours & Co.	4.150%	2/15/43	2,375	2,228
Georgia-Pacific LLC	7.250%	6/1/28	200	251
Georgia-Pacific LLC	7.750%	11/15/29	1,365	1,828
Georgia-Pacific LLC	8.875%	5/15/31	1,500	2,192
Goldcorp Inc.	5.450%	6/9/44	1,425	1,472
International Flavors & Fragrances Inc.	4.375%	6/1/47	1,725	1,554
International Paper Co.	5.000%	9/15/35	2,095	2,117
International Paper Co.	7.300%	11/15/39	1,842	2,313
International Paper Co.	6.000%	11/15/41	1,870	2,082
International Paper Co.	4.800%	6/15/44	4,171	4,034
International Paper Co.	5.150%	5/15/46	2,150	2,176
International Paper Co.	4.400%	8/15/47	4,641	4,211
International Paper Co.	4.350%	8/15/48	2,850	2,568
Lubrizol Corp.	6.500%	10/1/34	825	1,087
LYB International Finance BV	5.250%	7/15/43	1,555	1,615
LYB International Finance BV	4.875%	3/15/44	3,988	3,951
LyondellBasell Industries NV	4.625%	2/26/55	3,385	3,094
Meadwestvaco Corp.	7.950%	2/15/31	2,125	2,775
Methanex Corp.	5.650%	12/1/44	1,100	1,066
Monsanto Co.	4.200%	7/15/34	2,800	2,546
Monsanto Co.	5.875%	4/15/38	1,100	1,192
Monsanto Co.	3.600%	7/15/42	425	348
Monsanto Co.	3.950%	4/15/45	2,800	2,428
Monsanto Co.	4.700%	7/15/64	2,570	2,238
Mosaic Co.	5.450%	11/15/33	1,825	1,845
Mosaic Co.	4.875%	11/15/41	1,130	1,025
Mosaic Co.	5.625%	11/15/43	1,450	1,449
Newmont Mining Corp.	5.875%	4/1/35	1,410	1,615
Newmont Mining Corp.	6.250%	10/1/39	2,920	3,374
Newmont Mining Corp.	4.875%	3/15/42	3,542	3,550
Nucor Corp.	6.400%	12/1/37	2,493	3,079
Nucor Corp.	5.200%	8/1/43	1,630	1,795
Nucor Corp.	4.400%	5/1/48	1,650	1,623
Nutrien Ltd.	4.125%	3/15/35	1,300	1,204
Nutrien Ltd.	7.125%	5/23/36	500	644
Nutrien Ltd.	5.875%	12/1/36	1,465	1,670
Nutrien Ltd.	5.625%	12/1/40	2,005	2,219
Nutrien Ltd.	6.125%	1/15/41	1,510	1,736
Nutrien Ltd.	4.900%	6/1/43	2,975	2,942
Nutrien Ltd.	5.250%	1/15/45	1,810	1,871
Placer Dome Inc.	6.450%	10/15/35	900	1,067
Praxair Inc.	3.550%	11/7/42	1,910	1,782
Rio Tinto Alcan Inc.	7.250%	3/15/31	1,000	1,261
Rio Tinto Alcan Inc.	5.750%	6/1/35	2,650	3,098
Rio Tinto Finance USA Ltd.	7.125%	7/15/28	3,609	4,559
Rio Tinto Finance USA Ltd.	5.200%	11/2/40	4,326	4,882
Rio Tinto Finance USA plc	4.750%	3/22/42	1,250	1,335
Rio Tinto Finance USA plc	4.125%	8/21/42	2,246	2,208
Rohm & Haas Co.	7.850%	7/15/29	1,656	2,125
RPM International Inc.	5.250%	6/1/45	500	521
RPM International Inc.	4.250%	1/15/48	2,050	1,861
Sherwin-Williams Co.	4.000%	12/15/42	400	354
Sherwin-Williams Co.	4.550%	8/1/45	1,360	1,309
Sherwin-Williams Co.	4.500%	6/1/47	3,216	3,080
Southern Copper Corp.	7.500%	7/27/35	1,350	1,638
Southern Copper Corp.	6.750%	4/16/40	4,968	5,745
Southern Copper Corp.	5.250%	11/8/42	3,745	3,690
Southern Copper Corp.	5.875%	4/23/45	5,035	5,351
Vale Canada Ltd.	7.200%	9/15/32	1,050	1,151
Vale Overseas Ltd.	8.250%	1/17/34	2,133	2,658
Vale Overseas Ltd.	6.875%	11/21/36	9,075	10,153

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Vale Overseas Ltd.	6.875%	11/10/39	4,965	5,623
Vale SA	5.625%	9/11/42	1,185	1,201
Westlake Chemical Corp.	5.000%	8/15/46	3,138	3,161
Westlake Chemical Corp.	4.375%	11/15/47	1,690	1,550
Westrock MWV LLC	8.200%	1/15/30	590	779
Weyerhaeuser Co.	7.375%	3/15/32	3,205	4,072
Weyerhaeuser Co.	6.875%	12/15/33	1,250	1,522
Capital Goods (2.5%)				
3M Co.	3.875%	6/15/44	350	344
3M Co.	3.125%	9/19/46	3,000	2,573
3M Co.	3.625%	10/15/47	2,500	2,358
ABB Finance USA Inc.	4.375%	5/8/42	1,841	1,875
Boeing Co.	6.125%	2/15/33	1,610	2,013
Boeing Co.	3.300%	3/1/35	1,000	937
Boeing Co.	6.625%	2/15/38	1,600	2,130
Boeing Co.	3.550%	3/1/38	950	918
Boeing Co.	6.875%	3/15/39	1,363	1,894
Boeing Co.	5.875%	2/15/40	1,575	1,978
Boeing Co.	3.375%	6/15/46	1,200	1,084
Boeing Co.	3.650%	3/1/47	1,000	944
Boeing Co.	3.625%	3/1/48	1,150	1,075
Caterpillar Inc.	5.300%	9/15/35	1,550	1,767
Caterpillar Inc.	6.050%	8/15/36	1,540	1,921
Caterpillar Inc.	5.200%	5/27/41	2,412	2,760
Caterpillar Inc.	3.803%	8/15/42	6,978	6,661
Caterpillar Inc.	4.300%	5/15/44	1,300	1,337
Caterpillar Inc.	4.750%	5/15/64	1,750	1,803
Crane Co.	4.200%	3/15/48	1,550	1,472
Deere & Co.	5.375%	10/16/29	2,369	2,696
Deere & Co.	8.100%	5/15/30	800	1,088
Deere & Co.	7.125%	3/3/31	200	259
Deere & Co.	3.900%	6/9/42	3,356	3,274
Dover Corp.	5.375%	10/15/35	825	930
Dover Corp.	6.600%	3/15/38	575	729
Dover Corp.	5.375%	3/1/41	1,450	1,653
Eaton Corp.	4.000%	11/2/32	2,740	2,720
Eaton Corp.	4.150%	11/2/42	2,656	2,562
Eaton Corp.	3.915%	9/15/47	1,300	1,210
Emerson Electric Co.	5.250%	11/15/39	125	143
Fortive Corp.	4.300%	6/15/46	1,275	1,195
General Dynamics Corp.	3.600%	11/15/42	1,705	1,617
General Electric Co.	6.750%	3/15/32	10,077	12,322
General Electric Co.	6.150%	8/7/37	3,414	3,981
General Electric Co.	5.875%	1/14/38	9,188	10,379
General Electric Co.	6.875%	1/10/39	7,770	9,800
General Electric Co.	4.125%	10/9/42	6,331	5,860
General Electric Co.	4.500%	3/11/44	7,616	7,458
Harris Corp.	4.854%	4/27/35	1,750	1,796
Harris Corp.	6.150%	12/15/40	845	1,002
Harris Corp.	5.054%	4/27/45	1,995	2,071
Honeywell International Inc.	5.700%	3/15/36	1,500	1,852
Honeywell International Inc.	5.700%	3/15/37	2,050	2,503
Honeywell International Inc.	5.375%	3/1/41	1,720	2,036
Illinois Tool Works Inc.	4.875%	9/15/41	2,533	2,845
Illinois Tool Works Inc.	3.900%	9/1/42	3,983	3,909
Ingersoll-Rand Global Holding Co. Ltd.	5.750%	6/15/43	3,250	3,758
Ingersoll-Rand Global Holding Co. Ltd.	4.300%	2/21/48	925	882
Ingersoll-Rand Luxembourg Finance SA	4.650%	11/1/44	1,325	1,360
Johnson Controls International plc	6.000%	1/15/36	1,150	1,332
Johnson Controls International plc	5.700%	3/1/41	1,050	1,140
Johnson Controls International plc	4.625%	7/2/44	1,400	1,408
Johnson Controls International plc	5.125%	9/14/45	2,345	2,439
Johnson Controls International plc	4.500%	2/15/47	1,325	1,280

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Johnson Controls International plc	4.950%	7/2/64	1,300	1,239
Lafarge SA	7.125%	7/15/36	1,350	1,689
Lockheed Martin Corp.	3.600%	3/1/35	200	186
Lockheed Martin Corp.	4.500%	5/15/36	1,675	1,733
Lockheed Martin Corp.	6.150%	9/1/36	2,535	3,118
Lockheed Martin Corp.	5.720%	6/1/40	2,239	2,637
Lockheed Martin Corp.	4.850%	9/15/41	322	344
Lockheed Martin Corp.	4.070%	12/15/42	3,515	3,378
Lockheed Martin Corp.	3.800%	3/1/45	2,427	2,228
Lockheed Martin Corp.	4.700%	5/15/46	5,060	5,318
Lockheed Martin Corp.	4.090%	9/15/52	3,600	3,373
Martin Marietta Materials Inc.	4.250%	12/15/47	2,400	2,077
Masco Corp.	7.750%	8/1/29	443	537
Masco Corp.	6.500%	8/15/32	160	176
Masco Corp.	4.500%	5/15/47	925	809
Northrop Grumman Corp.	5.050%	11/15/40	1,900	2,058
Northrop Grumman Corp.	4.750%	6/1/43	2,082	2,166
Northrop Grumman Corp.	3.850%	4/15/45	2,541	2,297
Northrop Grumman Corp.	4.030%	10/15/47	6,625	6,184
Northrop Grumman Systems Corp.	7.750%	2/15/31	1,465	1,917
Owens Corning	7.000%	12/1/36	1,034	1,214
Owens Corning	4.300%	7/15/47	2,700	2,210
Owens Corning	4.400%	1/30/48	1,300	1,079
Parker-Hannifin Corp.	4.200%	11/21/34	1,400	1,430
Parker-Hannifin Corp.	6.250%	5/15/38	2,595	3,290
Parker-Hannifin Corp.	4.450%	11/21/44	2,010	2,096
Parker-Hannifin Corp.	4.100%	3/1/47	2,072	2,037
Precision Castparts Corp.	3.900%	1/15/43	1,505	1,443
Precision Castparts Corp.	4.375%	6/15/45	1,575	1,650
Raytheon Co.	4.875%	10/15/40	2,000	2,254
Raytheon Co.	4.700%	12/15/41	1,900	1,930
Republic Services Inc.	6.200%	3/1/40	1,110	1,364
Republic Services Inc.	5.700%	5/15/41	1,195	1,398
Rockwell Collins Inc.	4.800%	12/15/43	1,025	1,043
Rockwell Collins Inc.	4.350%	4/15/47	3,955	3,781
Snap-on Inc.	4.100%	3/1/48	1,250	1,242
Sonoco Products Co.	5.750%	11/1/40	1,700	1,897
Stanley Black & Decker Inc.	5.200%	9/1/40	1,300	1,438
United Technologies Corp.	6.700%	8/1/28	1,175	1,417
United Technologies Corp.	7.500%	9/15/29	1,905	2,418
United Technologies Corp.	5.400%	5/1/35	2,275	2,458
United Technologies Corp.	6.050%	6/1/36	4,525	5,217
United Technologies Corp.	6.125%	7/15/38	2,275	2,670
United Technologies Corp.	5.700%	4/15/40	4,435	5,015
United Technologies Corp.	4.500%	6/1/42	10,125	9,920
United Technologies Corp.	4.150%	5/15/45	2,199	2,047
United Technologies Corp.	3.750%	11/1/46	1,050	917
United Technologies Corp.	4.050%	5/4/47	2,000	1,834
Valmont Industries Inc.	5.000%	10/1/44	1,475	1,391
Valmont Industries Inc.	5.250%	10/1/54	1,000	927
Vulcan Materials Co.	4.500%	6/15/47	2,490	2,258
Waste Management Inc.	3.900%	3/1/35	2,540	2,479
Waste Management Inc.	4.100%	3/1/45	3,432	3,377
WW Grainger Inc.	4.600%	6/15/45	3,600	3,702
WW Grainger Inc.	3.750%	5/15/46	1,325	1,194
WW Grainger Inc.	4.200%	5/15/47	820	795
Xylem Inc.	4.375%	11/1/46	1,600	1,554
Communication (7.0%)				
21st Century Fox America Inc.	6.550%	3/15/33	1,225	1,468
21st Century Fox America Inc.	6.200%	12/15/34	3,690	4,353
21st Century Fox America Inc.	6.400%	12/15/35	5,230	6,282
21st Century Fox America Inc.	8.150%	10/17/36	1,075	1,509
21st Century Fox America Inc.	6.150%	3/1/37	2,980	3,526

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
21st Century Fox America Inc.	6.650%	11/15/37	4,080	5,049
21st Century Fox America Inc.	7.850%	3/1/39	775	1,075
21st Century Fox America Inc.	6.900%	8/15/39	2,538	3,237
21st Century Fox America Inc.	6.150%	2/15/41	2,125	2,532
21st Century Fox America Inc.	5.400%	10/1/43	3,535	3,888
21st Century Fox America Inc.	4.750%	9/15/44	4,265	4,323
21st Century Fox America Inc.	4.950%	10/15/45	600	628
21st Century Fox America Inc.	7.750%	12/1/45	1,995	2,821
Activision Blizzard Inc.	4.500%	6/15/47	1,625	1,566
America Movil SAB de CV	6.375%	3/1/35	3,685	4,313
America Movil SAB de CV	6.125%	11/15/37	1,375	1,601
America Movil SAB de CV	6.125%	3/30/40	6,265	7,360
America Movil SAB de CV	4.375%	7/16/42	4,000	3,899
4 AT&T Inc.	4.300%	2/15/30	11,201	10,566
AT&T Inc.	8.250%	11/15/31	1,842	2,399
AT&T Inc.	4.500%	5/15/35	8,474	7,830
4 AT&T Inc.	5.250%	3/1/37	12,057	11,872
AT&T Inc.	4.900%	8/15/37	7,750	7,353
AT&T Inc.	6.350%	3/15/40	2,510	2,741
AT&T Inc.	6.000%	8/15/40	4,186	4,369
AT&T Inc.	5.350%	9/1/40	6,956	6,761
AT&T Inc.	6.375%	3/1/41	4,196	4,581
AT&T Inc.	5.550%	8/15/41	4,098	4,076
AT&T Inc.	5.150%	3/15/42	4,425	4,187
AT&T Inc.	4.300%	12/15/42	6,701	5,706
AT&T Inc.	4.800%	6/15/44	8,525	7,639
AT&T Inc.	4.350%	6/15/45	7,342	6,198
AT&T Inc.	4.750%	5/15/46	11,911	10,550
4 AT&T Inc.	5.150%	11/15/46	8,022	7,500
AT&T Inc.	5.450%	3/1/47	6,795	6,687
AT&T Inc.	4.500%	3/9/48	16,117	13,874
AT&T Inc.	4.550%	3/9/49	8,729	7,540
4 AT&T Inc.	5.150%	2/15/50	6,325	5,882
AT&T Inc.	5.700%	3/1/57	3,295	3,264
4 AT&T Inc.	5.300%	8/15/58	2,175	2,023
Bell Canada Inc.	4.464%	4/1/48	2,500	2,462
British Telecommunications plc	9.625%	12/15/30	9,001	12,849
CBS Corp.	7.875%	7/30/30	2,203	2,727
CBS Corp.	5.500%	5/15/33	1,323	1,367
CBS Corp.	5.900%	10/15/40	925	1,004
CBS Corp.	4.850%	7/1/42	1,961	1,868
CBS Corp.	4.900%	8/15/44	2,855	2,734
CBS Corp.	4.600%	1/15/45	1,250	1,155
Charter Communications Operating LLC / Charter Communications Operating Capital	6.384%	10/23/35	7,259	7,574
Charter Communications Operating LLC / Charter Communications Operating Capital	5.375%	4/1/38	2,825	2,676
Charter Communications Operating LLC / Charter Communications Operating Capital	6.484%	10/23/45	11,762	12,356
Charter Communications Operating LLC / Charter Communications Operating Capital	5.375%	5/1/47	7,874	7,159
Charter Communications Operating LLC / Charter Communications Operating Capital	5.750%	4/1/48	5,800	5,585
Charter Communications Operating LLC / Charter Communications Operating Capital	6.834%	10/23/55	1,645	1,766
Comcast Corp.	4.250%	1/15/33	3,201	3,124
Comcast Corp.	7.050%	3/15/33	1,055	1,309
Comcast Corp.	4.200%	8/15/34	4,959	4,719
Comcast Corp.	5.650%	6/15/35	2,825	3,123
Comcast Corp.	4.400%	8/15/35	4,345	4,224
Comcast Corp.	6.500%	11/15/35	4,540	5,390
Comcast Corp.	3.200%	7/15/36	3,515	2,921
Comcast Corp.	6.450%	3/15/37	3,223	3,835
Comcast Corp.	6.950%	8/15/37	2,748	3,442

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Comcast Corp.	3.900%	3/1/38	4,170	3,801
Comcast Corp.	6.400%	5/15/38	2,006	2,377
Comcast Corp.	6.400%	3/1/40	1,671	1,984
Comcast Corp.	4.650%	7/15/42	2,905	2,812
Comcast Corp.	4.500%	1/15/43	1,750	1,649
Comcast Corp.	4.750%	3/1/44	3,666	3,597
Comcast Corp.	4.600%	8/15/45	5,967	5,727
Comcast Corp.	3.400%	7/15/46	5,160	4,184
Comcast Corp.	4.000%	8/15/47	2,800	2,466
Comcast Corp.	3.969%	11/1/47	8,040	7,065
Comcast Corp.	4.000%	3/1/48	1,650	1,450
Comcast Corp.	3.999%	11/1/49	6,815	5,956
Comcast Corp.	4.049%	11/1/52	5,110	4,415
Crown Castle International Corp.	4.750%	5/15/47	1,425	1,344
Deutsche Telekom International Finance BV	8.750%	6/15/30	13,410	17,752
Discovery Communications LLC	5.000%	9/20/37	4,206	4,056
Discovery Communications LLC	6.350%	6/1/40	2,852	3,128
Discovery Communications LLC	4.950%	5/15/42	1,950	1,814
Discovery Communications LLC	4.875%	4/1/43	2,852	2,635
Discovery Communications LLC	5.200%	9/20/47	4,148	4,010
Grupo Televisa SAB	8.500%	3/11/32	1,135	1,437
Grupo Televisa SAB	6.625%	1/15/40	1,710	1,836
Grupo Televisa SAB	5.000%	5/13/45	3,860	3,405
Grupo Televisa SAB	6.125%	1/31/46	3,000	3,087
Koninklijke KPN NV	8.375%	10/1/30	3,275	4,286
Moody's Corp.	5.250%	7/15/44	2,025	2,266
NBCUniversal Media LLC	6.400%	4/30/40	1,870	2,224
NBCUniversal Media LLC	5.950%	4/1/41	3,932	4,420
NBCUniversal Media LLC	4.450%	1/15/43	3,352	3,166
Orange SA	9.000%	3/1/31	8,199	11,251
Orange SA	5.375%	1/13/42	3,025	3,287
Orange SA	5.500%	2/6/44	2,816	3,075
Rogers Communications Inc.	7.500%	8/15/38	2,750	3,654
Rogers Communications Inc.	4.500%	3/15/43	2,325	2,288
Rogers Communications Inc.	5.450%	10/1/43	900	987
Rogers Communications Inc.	5.000%	3/15/44	2,924	3,037
Rogers Communications Inc.	4.300%	2/15/48	2,000	1,904
S&P Global Inc.	6.550%	11/15/37	1,325	1,677
S&P Global Inc.	4.500%	5/15/48	1,750	1,778
Telefonica Emisiones SAU	7.045%	6/20/36	7,005	8,457
Telefonica Emisiones SAU	4.665%	3/6/38	2,500	2,360
Telefonica Emisiones SAU	5.213%	3/8/47	7,107	6,806
Telefonica Emisiones SAU	4.895%	3/6/48	4,675	4,335
Telefonica Europe BV	8.250%	9/15/30	3,917	5,053
TELUS Corp.	4.600%	11/16/48	1,750	1,713
Thomson Reuters Corp.	5.500%	8/15/35	1,790	1,883
Thomson Reuters Corp.	5.850%	4/15/40	1,090	1,190
Thomson Reuters Corp.	4.500%	5/23/43	1,075	993
Thomson Reuters Corp.	5.650%	11/23/43	1,675	1,788
Time Warner Cable LLC	6.550%	5/1/37	5,031	5,294
Time Warner Cable LLC	7.300%	7/1/38	4,943	5,599
Time Warner Cable LLC	6.750%	6/15/39	4,994	5,315
Time Warner Cable LLC	5.875%	11/15/40	4,113	4,012
Time Warner Cable LLC	5.500%	9/1/41	4,317	4,017
Time Warner Cable LLC	4.500%	9/15/42	4,279	3,520
Time Warner Entertainment Co. LP	8.375%	7/15/33	2,989	3,673
Time Warner Inc.	3.800%	2/15/27	1,500	1,420
Time Warner Inc.	5.375%	10/15/41	2,300	2,266
Time Warner Inc.	4.900%	6/15/42	5,690	5,247
Time Warner Inc.	5.350%	12/15/43	1,945	1,895
Time Warner Inc.	4.650%	6/1/44	6,400	5,679
4 Verizon Communications Inc.	4.329%	9/21/28	15,000	14,885
Verizon Communications Inc.	4.500%	8/10/33	11,756	11,384
Verizon Communications Inc.	4.400%	11/1/34	10,122	9,491

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Verizon Communications Inc.	4.272%	1/15/36	10,944	10,092
Verizon Communications Inc.	5.250%	3/16/37	10,743	11,039
Verizon Communications Inc.	4.812%	3/15/39	7,219	6,990
Verizon Communications Inc.	4.750%	11/1/41	3,660	3,467
Verizon Communications Inc.	3.850%	11/1/42	5,440	4,551
Verizon Communications Inc.	4.125%	8/15/46	5,168	4,426
Verizon Communications Inc.	4.862%	8/21/46	15,269	14,336
Verizon Communications Inc.	5.500%	3/16/47	5,569	5,798
Verizon Communications Inc.	4.522%	9/15/48	15,882	14,495
Verizon Communications Inc.	5.012%	4/15/49	12,770	12,458
Verizon Communications Inc.	5.012%	8/21/54	18,093	16,979
Verizon Communications Inc.	4.672%	3/15/55	17,000	15,005
Viacom Inc.	6.875%	4/30/36	3,460	3,745
Viacom Inc.	4.375%	3/15/43	6,962	5,822
Viacom Inc.	5.850%	9/1/43	2,965	2,973
Vodafone Group plc	7.875%	2/15/30	2,425	3,017
Vodafone Group plc	6.250%	11/30/32	1,705	1,917
Vodafone Group plc	6.150%	2/27/37	5,355	5,882
Vodafone Group plc	5.000%	5/30/38	3,640	3,576
Vodafone Group plc	4.375%	2/19/43	4,875	4,369
Vodafone Group plc	5.250%	5/30/48	9,850	9,789
Walt Disney Co.	7.000%	3/1/32	1,615	2,084
Walt Disney Co.	4.375%	8/16/41	1,275	1,282
Walt Disney Co.	4.125%	12/1/41	2,305	2,230
Walt Disney Co.	3.700%	12/1/42	1,727	1,564
Walt Disney Co.	4.125%	6/1/44	3,358	3,242
Walt Disney Co.	3.000%	7/30/46	965	757
Warner Media LLC	7.625%	4/15/31	3,000	3,751
WPP Finance 2010	5.125%	9/7/42	1,000	981
WPP Finance 2010	5.625%	11/15/43	1,640	1,719
Consumer Cyclical (3.0%)				
Alibaba Group Holding Ltd.	4.500%	11/28/34	2,300	2,295
Alibaba Group Holding Ltd.	4.000%	12/6/37	2,800	2,590
Alibaba Group Holding Ltd.	4.200%	12/6/47	5,175	4,720
Alibaba Group Holding Ltd.	4.400%	12/6/57	4,000	3,661
Amazon.com Inc.	4.800%	12/5/34	4,450	4,858
Amazon.com Inc.	3.875%	8/22/37	9,390	9,159
Amazon.com Inc.	4.950%	12/5/44	5,050	5,599
Amazon.com Inc.	4.050%	8/22/47	10,275	10,049
Amazon.com Inc.	4.250%	8/22/57	8,875	8,740
Aptiv plc	4.400%	10/1/46	1,025	961
Bed Bath & Beyond Inc.	4.915%	8/1/34	980	789
Bed Bath & Beyond Inc.	5.165%	8/1/44	3,000	2,292
BorgWarner Inc.	4.375%	3/15/45	1,600	1,508
Cummins Inc.	7.125%	3/1/28	950	1,178
Cummins Inc.	4.875%	10/1/43	1,125	1,247
Daimler Finance North America LLC	8.500%	1/18/31	4,963	6,975
Darden Restaurants Inc.	4.550%	2/15/48	1,000	928
eBay Inc.	4.000%	7/15/42	2,395	2,062
Ford Holdings LLC	9.300%	3/1/30	1,030	1,345
Ford Motor Co.	6.625%	10/1/28	1,875	2,101
Ford Motor Co.	6.375%	2/1/29	1,181	1,297
Ford Motor Co.	7.450%	7/16/31	4,962	5,825
Ford Motor Co.	4.750%	1/15/43	4,955	4,268
Ford Motor Co.	7.400%	11/1/46	1,075	1,272
Ford Motor Co.	5.291%	12/8/46	4,826	4,480
General Motors Co.	5.000%	4/1/35	4,080	3,876
General Motors Co.	6.600%	4/1/36	3,126	3,386
General Motors Co.	5.150%	4/1/38	1,912	1,806
General Motors Co.	6.250%	10/2/43	6,081	6,302
General Motors Co.	5.200%	4/1/45	4,445	4,063
General Motors Co.	6.750%	4/1/46	2,566	2,817
General Motors Co.	5.400%	4/1/48	2,975	2,824

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Harley-Davidson Inc.	4.625%	7/28/45	1,505	1,468
Home Depot Inc.	5.875%	12/16/36	10,200	12,381
Home Depot Inc.	5.400%	9/15/40	2,025	2,344
Home Depot Inc.	5.950%	4/1/41	2,838	3,500
Home Depot Inc.	4.200%	4/1/43	3,430	3,415
Home Depot Inc.	4.875%	2/15/44	3,358	3,673
Home Depot Inc.	4.400%	3/15/45	3,542	3,633
Home Depot Inc.	4.250%	4/1/46	4,788	4,821
Home Depot Inc.	3.900%	6/15/47	3,803	3,645
Home Depot Inc.	3.500%	9/15/56	2,368	2,019
Kohl's Corp.	5.550%	7/17/45	1,100	1,069
Lowe's Cos. Inc.	6.500%	3/15/29	446	542
Lowe's Cos. Inc.	4.650%	4/15/42	3,788	3,916
Lowe's Cos. Inc.	4.250%	9/15/44	152	148
Lowe's Cos. Inc.	4.375%	9/15/45	3,261	3,239
Lowe's Cos. Inc.	3.700%	4/15/46	5,054	4,521
Lowe's Cos. Inc.	4.050%	5/3/47	5,979	5,669
Macy's Retail Holdings Inc.	6.900%	4/1/29	1,125	1,207
Macy's Retail Holdings Inc.	4.500%	12/15/34	1,958	1,665
Mastercard Inc.	3.800%	11/21/46	1,800	1,739
Mastercard Inc.	3.950%	2/26/48	1,800	1,813
McDonald's Corp.	4.700%	12/9/35	3,069	3,210
McDonald's Corp.	6.300%	10/15/37	2,482	3,017
McDonald's Corp.	6.300%	3/1/38	2,121	2,538
McDonald's Corp.	5.700%	2/1/39	2,000	2,282
McDonald's Corp.	3.700%	2/15/42	2,275	2,009
McDonald's Corp.	3.625%	5/1/43	1,625	1,409
McDonald's Corp.	4.600%	5/26/45	2,290	2,300
McDonald's Corp.	4.875%	12/9/45	4,006	4,208
McDonald's Corp.	4.450%	3/1/47	4,740	4,709
NIKE Inc.	3.625%	5/1/43	1,450	1,344
NIKE Inc.	3.875%	11/1/45	666	640
NIKE Inc.	3.375%	11/1/46	4,350	3,839
Nordstrom Inc.	5.000%	1/15/44	3,274	2,989
QVC Inc.	5.450%	8/15/34	1,350	1,267
Starbucks Corp.	4.300%	6/15/45	4,700	1,029
Starbucks Corp.	3.750%	12/1/47	1,750	1,511
Target Corp.	6.350%	11/1/32	1,364	1,661
Target Corp.	6.500%	10/15/37	2,512	3,152
Target Corp.	7.000%	1/15/38	1,794	2,368
Target Corp.	4.000%	7/1/42	4,090	3,879
Target Corp.	3.625%	4/15/46	2,900	2,572
Target Corp.	3.900%	11/15/47	2,525	2,346
VF Corp.	6.450%	11/1/37	1,140	1,456
Visa Inc.	4.150%	12/14/35	4,963	5,125
Visa Inc.	4.300%	12/14/45	12,776	13,193
Visa Inc.	3.650%	9/15/47	1,363	1,268
Walgreen Co.	4.400%	9/15/42	1,475	1,306
Walgreens Boots Alliance Inc.	4.500%	11/18/34	1,550	1,462
Walgreens Boots Alliance Inc.	4.800%	11/18/44	4,975	4,683
Walgreens Boots Alliance Inc.	4.650%	6/1/46	1,990	1,843
Walmart Inc.	7.550%	2/15/30	2,549	3,432
Walmart Inc.	5.250%	9/1/35	6,856	7,939
Walmart Inc.	6.200%	4/15/38	6,723	8,638
Walmart Inc.	3.950%	6/28/38	4,850	4,856
Walmart Inc.	5.625%	4/1/40	2,493	3,032
Walmart Inc.	4.875%	7/8/40	1,440	1,607
Walmart Inc.	5.000%	10/25/40	1,740	1,970
Walmart Inc.	5.625%	4/15/41	3,135	3,870
Walmart Inc.	4.000%	4/11/43	1,451	1,442
Walmart Inc.	4.300%	4/22/44	1,669	1,738
Walmart Inc.	3.625%	12/15/47	2,930	2,740
Walmart Inc.	4.050%	6/29/48	10,400	10,452
Western Union Co.	6.200%	11/17/36	1,650	1,662

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Consumer Noncyclical (8.9%)				
Abbott Laboratories	4.750%	11/30/36	8,505	8,954
Abbott Laboratories	6.150%	11/30/37	1,903	2,268
Abbott Laboratories	6.000%	4/1/39	1,245	1,471
Abbott Laboratories	5.300%	5/27/40	318	348
Abbott Laboratories	4.750%	4/15/43	2,150	2,236
Abbott Laboratories	4.900%	11/30/46	10,849	11,666
AbbVie Inc.	4.500%	5/14/35	8,220	8,057
AbbVie Inc.	4.300%	5/14/36	2,781	2,660
AbbVie Inc.	4.400%	11/6/42	9,348	8,851
AbbVie Inc.	4.700%	5/14/45	9,565	9,462
AbbVie Inc.	4.450%	5/14/46	7,300	6,984
Actavis Inc.	4.625%	10/1/42	1,750	1,623
Ahold Finance USA LLC	6.875%	5/1/29	1,575	1,846
AHS Hospital Corp.	5.024%	7/1/45	1,450	1,627
Allergan Funding SCS	4.550%	3/15/35	9,112	8,642
Allergan Funding SCS	4.850%	6/15/44	5,450	5,258
Allergan Funding SCS	4.750%	3/15/45	2,790	2,680
Altria Group Inc.	4.250%	8/9/42	3,606	3,363
Altria Group Inc.	4.500%	5/2/43	2,597	2,488
Altria Group Inc.	5.375%	1/31/44	4,390	4,751
Altria Group Inc.	3.875%	9/16/46	6,005	5,277
AmerisourceBergen Corp.	4.250%	3/1/45	1,495	1,321
AmerisourceBergen Corp.	4.300%	12/15/47	2,000	1,763
Amgen Inc.	6.400%	2/1/39	1,650	1,995
Amgen Inc.	4.950%	10/1/41	2,160	2,217
Amgen Inc.	5.150%	11/15/41	5,225	5,506
Amgen Inc.	4.400%	5/1/45	10,336	9,869
Amgen Inc.	4.563%	6/15/48	4,751	4,639
Amgen Inc.	4.663%	6/15/51	11,563	11,413
Anheuser-Busch InBev Finance Inc.	4.700%	2/1/36	19,514	19,721
Anheuser-Busch InBev Finance Inc.	4.000%	1/17/43	2,696	2,441
Anheuser-Busch InBev Finance Inc.	4.625%	2/1/44	3,500	3,435
Anheuser-Busch InBev Finance Inc.	4.900%	2/1/46	41,919	43,135
Anheuser-Busch InBev Worldwide Inc.	5.875%	6/15/35	750	872
Anheuser-Busch InBev Worldwide Inc.	4.375%	4/15/38	3,300	3,191
Anheuser-Busch InBev Worldwide Inc.	8.200%	1/15/39	5,230	7,465
Anheuser-Busch InBev Worldwide Inc.	8.000%	11/15/39	2,034	2,863
Anheuser-Busch InBev Worldwide Inc.	4.950%	1/15/42	5,656	5,896
Anheuser-Busch InBev Worldwide Inc.	3.750%	7/15/42	3,470	3,034
Anheuser-Busch InBev Worldwide Inc.	4.600%	4/15/48	8,325	8,190
Anheuser-Busch InBev Worldwide Inc.	4.439%	10/6/48	4,191	4,028
Anheuser-Busch InBev Worldwide Inc.	4.750%	4/15/58	275	268
Archer-Daniels-Midland Co.	5.935%	10/1/32	1,265	1,475
Archer-Daniels-Midland Co.	5.375%	9/15/35	1,640	1,876
Archer-Daniels-Midland Co.	4.535%	3/26/42	1,965	2,051
Archer-Daniels-Midland Co.	4.016%	4/16/43	2,735	2,662
Archer-Daniels-Midland Co.	3.750%	9/15/47	2,400	2,223
Ascension Health	3.945%	11/15/46	3,925	3,862
3 Ascension Health	4.847%	11/15/53	1,379	1,556
AstraZeneca plc	6.450%	9/15/37	8,062	9,963
AstraZeneca plc	4.000%	9/18/42	3,750	3,513
AstraZeneca plc	4.375%	11/16/45	3,127	3,071
4 BAT Capital Corp.	4.390%	8/15/37	8,325	7,815
4 BAT Capital Corp.	4.540%	8/15/47	8,310	7,745
Baxalta Inc.	5.250%	6/23/45	3,693	3,806
Baxter International Inc.	3.500%	8/15/46	1,375	1,178
Baylor Scott & White Holdings	3.967%	11/15/46	1,285	1,244
Baylor Scott & White Holdings Texas Revenue	4.185%	11/15/45	1,545	1,561
Becton Dickinson & Co.	5.000%	11/12/40	1,030	1,040
Becton Dickinson & Co.	4.685%	12/15/44	4,063	3,934
Becton Dickinson & Co.	4.669%	6/6/47	2,775	2,684
Biogen Inc.	5.200%	9/15/45	6,071	6,389

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Boston Children's Hospital Corp. Revenue	4.115%	1/1/47	1,000	1,007
Boston Scientific Corp.	7.000%	11/15/35	1,680	2,142
Boston Scientific Corp.	7.375%	1/15/40	505	682
Bristol-Myers Squibb Co.	3.250%	8/1/42	1,690	1,488
Bristol-Myers Squibb Co.	4.500%	3/1/44	1,925	2,049
Brown-Forman Corp.	4.500%	7/15/45	1,650	1,760
Campbell Soup Co.	3.800%	8/2/42	1,250	971
Campbell Soup Co.	4.800%	3/15/48	3,150	2,841
Cardinal Health Inc.	4.600%	3/15/43	2,375	2,206
Cardinal Health Inc.	4.900%	9/15/45	1,550	1,478
Cardinal Health Inc.	4.368%	6/15/47	2,000	1,760
³ Catholic Health Initiatives Colorado GO	4.350%	11/1/42	2,525	2,383
Celgene Corp.	5.250%	8/15/43	3,475	3,538
Celgene Corp.	4.625%	5/15/44	4,431	4,112
Celgene Corp.	5.000%	8/15/45	3,487	3,381
Celgene Corp.	4.350%	11/15/47	4,084	3,608
Celgene Corp.	4.550%	2/20/48	5,133	4,674
Children's Hospital Medical Center Ohio GO	4.268%	5/15/44	1,250	1,299
Church & Dwight Co. Inc.	3.950%	8/1/47	1,375	1,238
City of Hope	5.623%	11/15/43	1,125	1,375
City of Hope	4.378%	8/15/48	1,000	1,027
Cleveland Clinic Foundation Ohio Revenue	4.858%	1/1/14	1,365	1,450
Coca-Cola Femsa SAB de CV	5.250%	11/26/43	1,825	2,040
Colgate-Palmolive Co.	4.000%	8/15/45	2,045	1,992
Colgate-Palmolive Co.	3.700%	8/1/47	1,750	1,634
Conagra Brands Inc.	7.000%	10/1/28	1,355	1,566
Conagra Brands Inc.	8.250%	9/15/30	1,200	1,555
Constellation Brands Inc.	4.500%	5/9/47	1,775	1,687
Constellation Brands Inc.	4.100%	2/15/48	2,200	1,954
CVS Health Corp.	4.875%	7/20/35	3,500	3,479
CVS Health Corp.	4.780%	3/25/38	11,000	10,891
CVS Health Corp.	6.125%	9/15/39	3,000	3,495
CVS Health Corp.	5.300%	12/5/43	3,680	3,837
CVS Health Corp.	5.125%	7/20/45	12,275	12,485
CVS Health Corp.	5.050%	3/25/48	28,900	29,262
Danaher Corp.	4.375%	9/15/45	1,625	1,692
Dartmouth-Hitchcock Health	4.178%	8/1/48	1,025	1,040
Diageo Capital plc	5.875%	9/30/36	1,825	2,233
Diageo Capital plc	3.875%	4/29/43	1,000	967
Diageo Investment Corp.	7.450%	4/15/35	1,250	1,743
Diageo Investment Corp.	4.250%	5/11/42	1,802	1,830
Dignity Health California GO	4.500%	11/1/42	1,050	1,002
Dignity Health California GO	5.267%	11/1/64	1,100	1,118
Dr Pepper Snapple Group Inc.	4.500%	11/15/45	1,495	1,386
Dr Pepper Snapple Group Inc.	4.420%	12/15/46	1,375	1,254
Duke University Health System Inc.	3.920%	6/1/47	2,095	2,066
Eli Lilly & Co.	5.550%	3/15/37	1,442	1,713
Eli Lilly & Co.	3.700%	3/1/45	3,888	3,673
Eli Lilly & Co.	3.950%	5/15/47	1,500	1,472
Estee Lauder Cos. Inc.	6.000%	5/15/37	1,075	1,324
Estee Lauder Cos. Inc.	4.375%	6/15/45	1,700	1,793
Estee Lauder Cos. Inc.	4.150%	3/15/47	1,700	1,725
Express Scripts Holding Co.	6.125%	11/15/41	1,020	1,132
Express Scripts Holding Co.	4.800%	7/15/46	6,895	6,548
Fomento Economico Mexicano SAB de CV	4.375%	5/10/43	2,325	2,289
Genentech Inc.	5.250%	7/15/35	300	344
General Mills Inc.	4.550%	4/17/38	1,625	1,547
General Mills Inc.	5.400%	6/15/40	2,075	2,168
General Mills Inc.	4.150%	2/15/43	1,025	906
General Mills Inc.	4.700%	4/17/48	3,050	2,913
Gilead Sciences Inc.	4.600%	9/1/35	3,289	3,371
Gilead Sciences Inc.	4.000%	9/1/36	2,958	2,839
Gilead Sciences Inc.	5.650%	12/1/41	3,420	3,920
Gilead Sciences Inc.	4.800%	4/1/44	6,934	7,226

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Gilead Sciences Inc.	4.500%	2/1/45	6,189	6,179
Gilead Sciences Inc.	4.750%	3/1/46	6,202	6,385
Gilead Sciences Inc.	4.150%	3/1/47	5,821	5,557
GlaxoSmithKline Capital Inc.	5.375%	4/15/34	1,450	1,649
GlaxoSmithKline Capital Inc.	6.375%	5/15/38	9,559	12,253
GlaxoSmithKline Capital Inc.	4.200%	3/18/43	1,650	1,662
Hackensack Meridian Health Inc.	4.211%	7/1/48	1,200	1,215
Hackensack Meridian Health Inc.	4.500%	7/1/57	1,000	1,067
Hasbro Inc.	6.350%	3/15/40	1,654	1,808
Hasbro Inc.	5.100%	5/15/44	1,025	971
Indiana University Health Inc. Obligated Group	3.970%	11/1/48	1,875	1,885
JM Smucker Co.	4.250%	3/15/35	1,475	1,395
JM Smucker Co.	4.375%	3/15/45	2,900	2,686
Johns Hopkins Health System Corp.	3.837%	5/15/46	1,675	1,629
Johnson & Johnson	6.950%	9/1/29	1,900	2,486
Johnson & Johnson	4.950%	5/15/33	3,000	3,379
Johnson & Johnson	4.375%	12/5/33	2,827	3,020
Johnson & Johnson	3.550%	3/1/36	3,924	3,788
Johnson & Johnson	3.625%	3/3/37	5,609	5,470
Johnson & Johnson	5.950%	8/15/37	2,864	3,654
Johnson & Johnson	3.400%	1/15/38	1,683	1,582
Johnson & Johnson	5.850%	7/15/38	1,865	2,367
Johnson & Johnson	4.500%	9/1/40	754	812
Johnson & Johnson	4.850%	5/15/41	1,000	1,126
Johnson & Johnson	4.500%	12/5/43	454	491
Johnson & Johnson	3.700%	3/1/46	6,719	6,503
Johnson & Johnson	3.750%	3/3/47	4,700	4,594
Johnson & Johnson	3.500%	1/15/48	2,841	2,647
Kaiser Foundation Hospitals	4.875%	4/1/42	2,141	2,394
Kaiser Foundation Hospitals	4.150%	5/1/47	3,002	3,032
Kellogg Co.	7.450%	4/1/31	127	160
Kellogg Co.	4.500%	4/1/46	2,384	2,254
Kimberly-Clark Corp.	6.625%	8/1/37	1,425	1,895
Kimberly-Clark Corp.	5.300%	3/1/41	1,220	1,423
Kimberly-Clark Corp.	3.700%	6/1/43	980	902
Kimberly-Clark Corp.	3.200%	7/30/46	3,225	2,758
Koninklijke Ahold Delhaize NV	5.700%	10/1/40	2,839	3,100
Koninklijke Philips NV	6.875%	3/11/38	2,500	3,318
Koninklijke Philips NV	5.000%	3/15/42	1,785	1,978
Kraft Foods Group Inc.	6.875%	1/26/39	3,586	4,228
Kraft Foods Group Inc.	6.500%	2/9/40	4,063	4,578
Kraft Foods Group Inc.	5.000%	6/4/42	3,915	3,721
Kraft Heinz Foods Co.	4.625%	1/30/29	3,800	3,765
Kraft Heinz Foods Co.	5.000%	7/15/35	4,045	3,985
Kraft Heinz Foods Co.	5.200%	7/15/45	6,565	6,379
Kraft Heinz Foods Co.	4.375%	6/1/46	10,620	9,154
Kroger Co.	7.700%	6/1/29	1,025	1,246
Kroger Co.	8.000%	9/15/29	775	964
Kroger Co.	7.500%	4/1/31	1,520	1,884
Kroger Co.	6.900%	4/15/38	500	599
Kroger Co.	5.400%	7/15/40	995	1,020
Kroger Co.	5.000%	4/15/42	900	871
Kroger Co.	5.150%	8/1/43	1,300	1,284
Kroger Co.	3.875%	10/15/46	1,625	1,350
Kroger Co.	4.450%	2/1/47	3,300	3,015
Kroger Co.	4.650%	1/15/48	1,650	1,548
Laboratory Corp. of America Holdings	4.700%	2/1/45	3,399	3,288
4 Maple Escrow Subsidiary Inc.	4.985%	5/25/38	2,125	2,135
4 Maple Escrow Subsidiary Inc.	5.085%	5/25/48	4,225	4,255
3 Mayo Clinic	3.774%	11/15/43	900	874
3 Mayo Clinic	4.000%	11/15/47	1,200	1,188
3 Mayo Clinic	4.128%	11/15/52	1,050	1,072
McCormick & Co. Inc.	4.200%	8/15/47	1,200	1,134
Mead Johnson Nutrition Co.	5.900%	11/1/39	1,335	1,598

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Mead Johnson Nutrition Co.	4.600%	6/1/44	1,500	1,553
Medtronic Inc.	4.375%	3/15/35	8,681	8,977
Medtronic Inc.	6.500%	3/15/39	1,000	1,270
Medtronic Inc.	5.550%	3/15/40	1,535	1,787
Medtronic Inc.	4.500%	3/15/42	1,800	1,856
Medtronic Inc.	4.625%	3/15/44	3,406	3,582
Medtronic Inc.	4.625%	3/15/45	15,125	15,997
Memorial Sloan-Kettering Cancer Center New York GO	5.000%	7/1/42	850	983
Memorial Sloan-Kettering Cancer Center New York GO	4.125%	7/1/52	1,555	1,576
Memorial Sloan-Kettering Cancer Center New York GO	4.200%	7/1/55	1,975	2,039
Merck & Co. Inc.	3.600%	9/15/42	1,754	1,648
Merck & Co. Inc.	4.150%	5/18/43	5,384	5,501
Merck & Co. Inc.	3.700%	2/10/45	6,410	6,096
Molson Coors Brewing Co.	5.000%	5/1/42	3,743	3,763
Molson Coors Brewing Co.	4.200%	7/15/46	6,325	5,671
Mondelez International Inc.	4.625%	5/7/48	1,000	963
³ Mount Sinai Hospitals Group Inc.	3.981%	7/1/48	1,050	1,021
Mylan Inc.	5.400%	11/29/43	1,690	1,671
⁴ Mylan Inc.	5.200%	4/15/48	2,500	2,408
Mylan NV	5.250%	6/15/46	3,225	3,116
New York & Presbyterian Hospital	4.024%	8/1/45	2,300	2,305
New York & Presbyterian Hospital	4.063%	8/1/56	1,325	1,315
Newell Brands Inc.	5.375%	4/1/36	2,677	2,633
Newell Brands Inc.	5.500%	4/1/46	5,600	5,451
Northwell Healthcare Inc.	3.979%	11/1/46	1,875	1,719
Northwell Healthcare Inc.	4.260%	11/1/47	2,875	2,764
Novartis Capital Corp.	3.700%	9/21/42	1,700	1,616
Novartis Capital Corp.	4.400%	5/6/44	6,153	6,577
Novartis Capital Corp.	4.000%	11/20/45	4,211	4,203
NYU Hospitals Center	4.784%	7/1/44	1,150	1,259
³ NYU Hospitals Center	4.368%	7/1/47	2,000	2,030
Orlando Health Obligated Group	4.089%	10/1/48	1,050	1,042
Partners Healthcare System Inc.	4.117%	7/1/55	1,000	992
PepsiCo Inc.	5.500%	1/15/40	2,008	2,375
PepsiCo Inc.	4.875%	11/1/40	1,797	1,985
PepsiCo Inc.	4.000%	3/5/42	2,678	2,625
PepsiCo Inc.	3.600%	8/13/42	1,625	1,508
PepsiCo Inc.	4.250%	10/22/44	2,333	2,370
PepsiCo Inc.	4.600%	7/17/45	2,799	2,988
PepsiCo Inc.	4.450%	4/14/46	2,405	2,523
PepsiCo Inc.	3.450%	10/6/46	5,100	4,547
PepsiCo Inc.	4.000%	5/2/47	2,680	2,630
Perrigo Finance Unlimited Co.	4.900%	12/15/44	1,781	1,660
Pfizer Inc.	4.000%	12/15/36	4,232	4,242
Pfizer Inc.	7.200%	3/15/39	7,883	10,927
Pfizer Inc.	4.300%	6/15/43	2,507	2,561
Pfizer Inc.	4.400%	5/15/44	4,715	4,892
Pfizer Inc.	4.125%	12/15/46	4,025	4,048
Pharmacia LLC	6.600%	12/1/28	3,300	4,070
Philip Morris International Inc.	6.375%	5/16/38	2,601	3,141
Philip Morris International Inc.	4.375%	11/15/41	3,868	3,724
Philip Morris International Inc.	4.500%	3/20/42	4,328	4,230
Philip Morris International Inc.	3.875%	8/21/42	3,090	2,754
Philip Morris International Inc.	4.125%	3/4/43	1,700	1,582
Philip Morris International Inc.	4.875%	11/15/43	1,398	1,432
Philip Morris International Inc.	4.250%	11/10/44	5,230	4,946
Procter & Gamble Co.	3.500%	10/25/47	4,850	4,425
³ Providence St. Joseph Health Obligated Group	3.744%	10/1/47	1,350	1,259
³ Providence St. Joseph Health Obligated Group	3.930%	10/1/48	1,200	1,147
Quest Diagnostics Inc.	4.700%	3/30/45	1,100	1,096
Reynolds American Inc.	5.700%	8/15/35	3,077	3,305
Reynolds American Inc.	7.250%	6/15/37	1,550	1,981
Reynolds American Inc.	6.150%	9/15/43	1,500	1,697
Reynolds American Inc.	5.850%	8/15/45	7,315	8,026

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
RWJ Barnabas Health Inc.	3.949%	7/1/46	1,350	1,294
Stanford Health Care	3.795%	11/15/48	1,800	1,738
Stryker Corp.	4.100%	4/1/43	2,070	1,941
Stryker Corp.	4.625%	3/15/46	3,975	4,033
Sutter Health	3.695%	8/15/28	1,750	1,740
Sutter Health	4.091%	8/15/48	1,125	1,093
Sysco Corp.	4.850%	10/1/45	1,525	1,555
Sysco Corp.	4.500%	4/1/46	2,200	2,142
Sysco Corp.	4.450%	3/15/48	1,700	1,632
3 Texas Health Resources	4.330%	11/15/55	1,000	1,057
The Pepsi Bottling Group Inc.	7.000%	3/1/29	4,158	5,300
Thermo Fisher Scientific Inc.	5.300%	2/1/44	1,500	1,654
Thermo Fisher Scientific Inc.	4.100%	8/15/47	2,500	2,358
Trinity Health Corp.	4.125%	12/1/45	1,175	1,149
Tyson Foods Inc.	4.875%	8/15/34	2,070	2,103
Tyson Foods Inc.	5.150%	8/15/44	1,723	1,783
Tyson Foods Inc.	4.550%	6/2/47	2,483	2,375
Unilever Capital Corp.	5.900%	11/15/32	2,983	3,661
Whirlpool Corp.	4.500%	6/1/46	1,650	1,530
Wyeth LLC	6.500%	2/1/34	3,091	3,906
Wyeth LLC	6.000%	2/15/36	510	626
Wyeth LLC	5.950%	4/1/37	7,130	8,684
Zimmer Biomet Holdings Inc.	4.250%	8/15/35	413	388
Zimmer Biomet Holdings Inc.	5.750%	11/30/39	870	989
Zimmer Biomet Holdings Inc.	4.450%	8/15/45	1,450	1,359
Zoetis Inc.	4.700%	2/1/43	3,766	3,865
Zoetis Inc.	3.950%	9/12/47	1,721	1,594
Energy (5.7%)				
Anadarko Finance Co.	7.500%	5/1/31	1,831	2,253
Anadarko Petroleum Corp.	6.450%	9/15/36	6,060	7,000
Anadarko Petroleum Corp.	7.950%	6/15/39	1,150	1,510
Anadarko Petroleum Corp.	6.200%	3/15/40	3,128	3,515
Anadarko Petroleum Corp.	4.500%	7/15/44	2,080	1,919
Anadarko Petroleum Corp.	6.600%	3/15/46	3,542	4,261
Andeavor	4.500%	4/1/48	1,475	1,341
Andeavor Logistics LP / Tesoro Logistics Finance Corp.	5.200%	12/1/47	1,950	1,884
Apache Corp.	6.000%	1/15/37	4,056	4,404
Apache Corp.	5.100%	9/1/40	5,225	5,178
Apache Corp.	5.250%	2/1/42	1,675	1,678
Apache Corp.	4.750%	4/15/43	5,015	4,750
Apache Corp.	4.250%	1/15/44	1,275	1,125
Apache Finance Canada Corp.	7.750%	12/15/29	1,275	1,547
Baker Hughes a GE Co. LLC	5.125%	9/15/40	2,754	2,943
Baker Hughes a GE Co. LLC / Baker Hughes Co-Obligor Inc.	4.080%	12/15/47	5,150	4,589
BP Capital Markets plc	3.723%	11/28/28	1,904	1,890
Buckeye Partners LP	5.850%	11/15/43	1,525	1,461
Buckeye Partners LP	5.600%	10/15/44	1,025	920
Burlington Resources Finance Co.	7.200%	8/15/31	1,250	1,594
Burlington Resources Finance Co.	7.400%	12/1/31	2,675	3,486
Canadian Natural Resources Ltd.	7.200%	1/15/32	1,250	1,537
Canadian Natural Resources Ltd.	6.450%	6/30/33	875	1,022
Canadian Natural Resources Ltd.	5.850%	2/1/35	700	778
Canadian Natural Resources Ltd.	6.500%	2/15/37	2,065	2,449
Canadian Natural Resources Ltd.	6.250%	3/15/38	3,415	3,994
Canadian Natural Resources Ltd.	6.750%	2/1/39	1,425	1,727
Canadian Natural Resources Ltd.	4.950%	6/1/47	3,112	3,215
Cenovus Energy Inc.	5.250%	6/15/37	2,501	2,470
Cenovus Energy Inc.	6.750%	11/15/39	4,980	5,478
Cenovus Energy Inc.	4.450%	9/15/42	2,800	2,404
Cenovus Energy Inc.	5.200%	9/15/43	1,300	1,217
Cenovus Energy Inc.	5.400%	6/15/47	3,376	3,300
Columbia Pipeline Group Inc.	5.800%	6/1/45	1,700	1,871

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Concho Resources Inc.	4.300%	8/15/28	3,000	3,008
Concho Resources Inc.	4.875%	10/1/47	3,050	3,100
Concho Resources Inc.	4.850%	8/15/48	1,800	1,822
Conoco Funding Co.	7.250%	10/15/31	1,945	2,494
ConocoPhillips	5.900%	10/15/32	1,850	2,158
ConocoPhillips	5.900%	5/15/38	2,275	2,714
ConocoPhillips	6.500%	2/1/39	8,550	10,845
ConocoPhillips Canada Funding Co. I	5.950%	10/15/36	1,570	1,869
ConocoPhillips Co.	4.150%	11/15/34	706	701
ConocoPhillips Co.	4.300%	11/15/44	2,130	2,151
ConocoPhillips Co.	5.950%	3/15/46	1,800	2,224
ConocoPhillips Holding Co.	6.950%	4/15/29	5,175	6,365
Continental Resources Inc.	4.900%	6/1/44	2,000	1,960
Devon Energy Corp.	7.950%	4/15/32	2,264	2,900
Devon Energy Corp.	5.600%	7/15/41	3,354	3,609
Devon Energy Corp.	4.750%	5/15/42	3,530	3,437
Devon Energy Corp.	5.000%	6/15/45	2,442	2,468
Devon Financing Co. LLC	7.875%	9/30/31	2,791	3,525
Dominion Energy Gas Holdings LLC	4.800%	11/1/43	1,300	1,357
Dominion Energy Gas Holdings LLC	4.600%	12/15/44	1,868	1,857
Enable Midstream Partners LP	5.000%	5/15/44	1,725	1,514
Enbridge Energy Partners LP	7.500%	4/15/38	1,456	1,801
Enbridge Energy Partners LP	5.500%	9/15/40	2,375	2,446
Enbridge Energy Partners LP	7.375%	10/15/45	1,150	1,454
Enbridge Inc.	4.500%	6/10/44	1,500	1,362
Enbridge Inc.	5.500%	12/1/46	2,500	2,689
Encana Corp.	8.125%	9/15/30	800	1,023
Encana Corp.	7.375%	11/1/31	2,025	2,483
Encana Corp.	6.500%	8/15/34	2,908	3,370
Encana Corp.	6.625%	8/15/37	1,750	2,069
Encana Corp.	6.500%	2/1/38	2,000	2,350
Energy Transfer LP	8.250%	11/15/29	1,050	1,293
Energy Transfer LP	4.900%	3/15/35	1,752	1,575
Energy Transfer LP	6.625%	10/15/36	1,501	1,594
Energy Transfer LP	7.500%	7/1/38	1,505	1,741
Energy Transfer LP	6.050%	6/1/41	2,400	2,383
Energy Transfer LP	6.500%	2/1/42	1,430	1,481
Energy Transfer LP	5.150%	2/1/43	1,424	1,266
Energy Transfer LP	5.950%	10/1/43	1,400	1,366
Energy Transfer LP	5.150%	3/15/45	4,091	3,607
Energy Transfer LP	6.125%	12/15/45	4,240	4,221
Energy Transfer LP	5.300%	4/15/47	2,575	2,327
Energy Transfer Partners LP	5.800%	6/15/38	2,450	2,422
Energy Transfer Partners LP	6.000%	6/15/48	2,500	2,487
EnLink Midstream Partners LP	5.600%	4/1/44	1,975	1,717
EnLink Midstream Partners LP	5.050%	4/1/45	825	674
EnLink Midstream Partners LP	5.450%	6/1/47	1,465	1,240
Enterprise Products Operating LLC	6.875%	3/1/33	2,612	3,207
Enterprise Products Operating LLC	6.650%	10/15/34	1,220	1,470
Enterprise Products Operating LLC	7.550%	4/15/38	1,575	2,060
Enterprise Products Operating LLC	6.125%	10/15/39	2,085	2,387
Enterprise Products Operating LLC	6.450%	9/1/40	1,296	1,554
Enterprise Products Operating LLC	5.950%	2/1/41	2,353	2,658
Enterprise Products Operating LLC	5.700%	2/15/42	2,425	2,670
Enterprise Products Operating LLC	4.850%	8/15/42	3,780	3,759
Enterprise Products Operating LLC	4.450%	2/15/43	5,230	4,889
Enterprise Products Operating LLC	4.850%	3/15/44	1,283	1,267
Enterprise Products Operating LLC	5.100%	2/15/45	2,120	2,180
Enterprise Products Operating LLC	4.900%	5/15/46	2,650	2,663
Enterprise Products Operating LLC	4.250%	2/15/48	5,775	5,372
Enterprise Products Operating LLC	4.950%	10/15/54	1,152	1,124
EOG Resources Inc.	3.900%	4/1/35	2,207	2,146
EQT Midstream Partners LP	5.500%	7/15/28	1,000	999
EQT Midstream Partners LP	6.500%	7/15/48	750	751

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Exxon Mobil Corp.	3.567%	3/6/45	2,823	2,618
Exxon Mobil Corp.	4.114%	3/1/46	8,475	8,619
Halliburton Co.	4.850%	11/15/35	5,236	5,405
Halliburton Co.	6.700%	9/15/38	3,564	4,345
Halliburton Co.	7.450%	9/15/39	767	1,010
Halliburton Co.	4.500%	11/15/41	2,182	2,154
Halliburton Co.	4.750%	8/1/43	2,795	2,824
Halliburton Co.	5.000%	11/15/45	7,510	8,002
Hess Corp.	7.875%	10/1/29	2,100	2,526
Hess Corp.	7.300%	8/15/31	645	738
Hess Corp.	7.125%	3/15/33	1,375	1,573
Hess Corp.	6.000%	1/15/40	2,852	2,912
Hess Corp.	5.600%	2/15/41	4,317	4,351
Hess Corp.	5.800%	4/1/47	2,050	2,124
Husky Energy Inc.	6.800%	9/15/37	1,300	1,581
Kerr-McGee Corp.	7.875%	9/15/31	1,300	1,642
Kinder Morgan Energy Partners LP	7.400%	3/15/31	475	550
Kinder Morgan Energy Partners LP	7.750%	3/15/32	500	600
Kinder Morgan Energy Partners LP	7.300%	8/15/33	2,425	2,829
Kinder Morgan Energy Partners LP	5.800%	3/15/35	1,975	2,020
Kinder Morgan Energy Partners LP	6.500%	2/1/37	650	705
Kinder Morgan Energy Partners LP	6.950%	1/15/38	4,086	4,652
Kinder Morgan Energy Partners LP	6.500%	9/1/39	2,070	2,240
Kinder Morgan Energy Partners LP	6.550%	9/15/40	875	945
Kinder Morgan Energy Partners LP	7.500%	11/15/40	1,500	1,781
Kinder Morgan Energy Partners LP	6.375%	3/1/41	1,915	2,048
Kinder Morgan Energy Partners LP	5.625%	9/1/41	1,854	1,839
Kinder Morgan Energy Partners LP	5.000%	8/15/42	2,575	2,391
Kinder Morgan Energy Partners LP	4.700%	11/1/42	2,100	1,871
Kinder Morgan Energy Partners LP	5.000%	3/1/43	1,000	924
Kinder Morgan Energy Partners LP	5.500%	3/1/44	2,063	2,032
Kinder Morgan Energy Partners LP	5.400%	9/1/44	2,265	2,201
Kinder Morgan Inc.	7.800%	8/1/31	1,075	1,294
Kinder Morgan Inc.	7.750%	1/15/32	4,531	5,511
Kinder Morgan Inc.	5.300%	12/1/34	1,566	1,543
Kinder Morgan Inc.	5.550%	6/1/45	5,930	5,947
Kinder Morgan Inc.	5.050%	2/15/46	340	320
Kinder Morgan Inc.	5.200%	3/1/48	3,400	3,286
Magellan Midstream Partners LP	5.150%	10/15/43	2,175	2,270
Magellan Midstream Partners LP	4.250%	9/15/46	1,725	1,602
Magellan Midstream Partners LP	4.200%	10/3/47	1,600	1,463
Marathon Oil Corp.	6.800%	3/15/32	1,700	1,988
Marathon Oil Corp.	6.600%	10/1/37	2,585	3,089
Marathon Oil Corp.	5.200%	6/1/45	2,132	2,241
Marathon Petroleum Corp.	6.500%	3/1/41	3,348	3,890
Marathon Petroleum Corp.	4.750%	9/15/44	1,870	1,777
Marathon Petroleum Corp.	5.850%	12/15/45	925	980
Marathon Petroleum Corp.	5.000%	9/15/54	1,950	1,790
MPLX LP	4.500%	4/15/38	3,900	3,597
MPLX LP	5.200%	3/1/47	3,825	3,781
MPLX LP	4.700%	4/15/48	5,500	5,078
MPLX LP	4.900%	4/15/58	1,850	1,639
National Oilwell Varco Inc.	3.950%	12/1/42	3,695	3,120
Noble Energy Inc.	6.000%	3/1/41	2,930	3,221
Noble Energy Inc.	5.250%	11/15/43	3,660	3,706
Noble Energy Inc.	5.050%	11/15/44	2,209	2,200
Noble Energy Inc.	4.950%	8/15/47	1,900	1,895
Occidental Petroleum Corp.	4.625%	6/15/45	2,825	2,944
Occidental Petroleum Corp.	4.400%	4/15/46	2,900	2,942
Occidental Petroleum Corp.	4.100%	2/15/47	3,107	3,031
Occidental Petroleum Corp.	4.200%	3/15/48	2,000	1,994
ONEOK Inc.	4.550%	7/15/28	2,500	2,509
ONEOK Inc.	6.000%	6/15/35	1,285	1,395
ONEOK Inc.	4.950%	7/13/47	1,800	1,762

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
ONEOK Inc.	5.200%	7/15/48	2,300	2,339
ONEOK Partners LP	6.650%	10/1/36	2,725	3,219
ONEOK Partners LP	6.850%	10/15/37	650	776
ONEOK Partners LP	6.125%	2/1/41	2,725	3,004
ONEOK Partners LP	6.200%	9/15/43	1,450	1,624
Petro-Canada	5.350%	7/15/33	1,450	1,576
Petro-Canada	5.950%	5/15/35	2,480	2,861
Petro-Canada	6.800%	5/15/38	4,260	5,421
Phillips 66	4.650%	11/15/34	2,841	2,848
Phillips 66	5.875%	5/1/42	5,193	6,022
Phillips 66	4.875%	11/15/44	5,672	5,857
Phillips 66 Partners LP	4.680%	2/15/45	1,300	1,207
Phillips 66 Partners LP	4.900%	10/1/46	2,150	2,065
Plains All American Pipeline LP / PAA Finance Corp.	6.650%	1/15/37	1,850	2,001
Plains All American Pipeline LP / PAA Finance Corp.	5.150%	6/1/42	1,761	1,599
Plains All American Pipeline LP / PAA Finance Corp.	4.300%	1/31/43	2,600	2,143
Plains All American Pipeline LP / PAA Finance Corp.	4.700%	6/15/44	2,375	2,076
Plains All American Pipeline LP / PAA Finance Corp.	4.900%	2/15/45	1,002	907
Shell International Finance BV	4.125%	5/11/35	6,012	6,090
Shell International Finance BV	6.375%	12/15/38	9,569	12,316
Shell International Finance BV	5.500%	3/25/40	1,995	2,328
Shell International Finance BV	3.625%	8/21/42	2,150	1,952
Shell International Finance BV	4.550%	8/12/43	3,990	4,194
Shell International Finance BV	4.375%	5/11/45	9,187	9,372
Shell International Finance BV	4.000%	5/10/46	7,801	7,523
Shell International Finance BV	3.750%	9/12/46	4,929	4,566
Spectra Energy Partners LP	5.950%	9/25/43	1,760	1,933
Spectra Energy Partners LP	4.500%	3/15/45	2,103	1,946
Suncor Energy Inc.	7.150%	2/1/32	800	1,004
Suncor Energy Inc.	5.950%	12/1/34	855	990
Suncor Energy Inc.	6.500%	6/15/38	2,150	2,651
Suncor Energy Inc.	6.850%	6/1/39	3,033	3,863
Suncor Energy Inc.	4.000%	11/15/47	3,200	2,978
Sunoco Logistics Partners Operations LP	6.100%	2/15/42	1,600	1,569
Sunoco Logistics Partners Operations LP	4.950%	1/15/43	1,600	1,384
Sunoco Logistics Partners Operations LP	5.300%	4/1/44	2,917	2,627
Sunoco Logistics Partners Operations LP	5.350%	5/15/45	3,395	3,074
Sunoco Logistics Partners Operations LP	5.400%	10/1/47	1,857	1,702
Tennessee Gas Pipeline Co. LLC	7.000%	10/15/28	1,470	1,724
Tennessee Gas Pipeline Co. LLC	7.625%	4/1/37	1,085	1,311
Texas Eastern Transmission LP	7.000%	7/15/32	1,375	1,654
TransCanada PipeLines Ltd.	4.625%	3/1/34	3,617	3,636
TransCanada PipeLines Ltd.	5.600%	3/31/34	800	867
TransCanada PipeLines Ltd.	5.850%	3/15/36	1,150	1,277
TransCanada PipeLines Ltd.	6.200%	10/15/37	4,833	5,527
TransCanada PipeLines Ltd.	4.750%	5/15/38	3,000	3,008
TransCanada PipeLines Ltd.	7.250%	8/15/38	3,420	4,314
TransCanada PipeLines Ltd.	7.625%	1/15/39	2,105	2,748
TransCanada PipeLines Ltd.	6.100%	6/1/40	2,956	3,348
TransCanada PipeLines Ltd.	5.000%	10/16/43	2,425	2,450
TransCanada PipeLines Ltd.	4.875%	5/15/48	2,825	2,876
Transcontinental Gas Pipe Line Co. LLC	5.400%	8/15/41	1,275	1,364
Transcontinental Gas Pipe Line Co. LLC	4.450%	8/1/42	1,225	1,158
4 Transcontinental Gas Pipe Line Co. LLC	4.600%	3/15/48	1,200	1,161
Valero Energy Corp.	4.350%	6/1/28	325	324
Valero Energy Corp.	7.500%	4/15/32	2,181	2,783
Valero Energy Corp.	6.625%	6/15/37	4,849	5,808
Valero Energy Corp.	4.900%	3/15/45	2,375	2,397
Western Gas Partners LP	5.450%	4/1/44	2,075	1,952
Western Gas Partners LP	5.300%	3/1/48	2,150	1,996
Williams Partners LP	6.300%	4/15/40	4,353	4,846
Williams Partners LP	5.800%	11/15/43	1,925	2,034
Williams Partners LP	5.400%	3/4/44	1,454	1,497
Williams Partners LP	4.900%	1/15/45	1,650	1,566

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Williams Partners LP	5.100%	9/15/45	3,993	3,953
Williams Partners LP	4.850%	3/1/48	2,100	1,996
Other Industrial (0.3%)				
California Institute of Technology GO	4.321%	8/1/45	1,000	1,063
California Institute of Technology GO	4.700%	11/1/11	1,175	1,240
³ Johns Hopkins University Maryland GO	4.083%	7/1/53	1,175	1,201
³ Massachusetts Institute of Technology GO	3.959%	7/1/38	1,050	1,087
Massachusetts Institute of Technology GO	5.600%	7/1/11	2,525	3,251
Massachusetts Institute of Technology GO	4.678%	7/1/14	1,800	1,978
Massachusetts Institute of Technology GO	3.885%	7/1/16	1,660	1,544
³ Northwestern University Illinois GO	4.643%	12/1/44	1,800	2,083
³ Northwestern University Illinois GO	3.662%	12/1/57	900	866
President & Fellows of Harvard College Massachusetts GO	3.619%	10/1/37	900	895
³ Rice University Texas GO	3.574%	5/15/45	2,050	1,988
³ Rice University Texas GO	3.774%	5/15/55	150	145
Stanford University California GO	3.647%	5/1/48	2,475	2,442
³ University of Notre Dame du Lac	3.438%	2/15/45	1,400	1,329
University of Notre Dame du Lac	3.394%	2/15/48	1,400	1,313
University of Pennsylvania GO	4.674%	9/1/12	1,000	1,075
³ University of Southern California GO	3.028%	10/1/39	2,500	2,270
³ University of Southern California GO	3.841%	10/1/47	1,325	1,320
Technology (3.5%)				
Analog Devices Inc.	5.300%	12/15/45	1,400	1,501
Apple Inc.	4.500%	2/23/36	3,966	4,256
Apple Inc.	3.850%	5/4/43	10,617	10,077
Apple Inc.	4.450%	5/6/44	3,411	3,550
Apple Inc.	3.450%	2/9/45	6,729	5,983
Apple Inc.	4.375%	5/13/45	6,554	6,769
Apple Inc.	4.650%	2/23/46	13,377	14,399
Apple Inc.	3.850%	8/4/46	6,832	6,471
Apple Inc.	4.250%	2/9/47	3,455	3,495
Apple Inc.	3.750%	9/12/47	3,500	3,258
Apple Inc.	3.750%	11/13/47	4,225	3,946
Applied Materials Inc.	5.100%	10/1/35	1,857	2,037
Applied Materials Inc.	5.850%	6/15/41	2,220	2,661
Applied Materials Inc.	4.350%	4/1/47	2,884	2,871
Cisco Systems Inc.	5.900%	2/15/39	6,531	8,041
Cisco Systems Inc.	5.500%	1/15/40	6,635	7,912
Corning Inc.	5.750%	8/15/40	1,375	1,585
Corning Inc.	4.375%	11/15/57	3,800	3,320
⁴ Diamond 1 Finance Corp. / Diamond 2 Finance Corp.	8.100%	7/15/36	5,814	6,792
⁴ Diamond 1 Finance Corp. / Diamond 2 Finance Corp.	8.350%	7/15/46	6,665	8,027
Fidelity National Information Services Inc.	4.500%	8/15/46	2,050	1,902
Fidelity National Information Services Inc.	4.750%	5/15/48	1,875	1,811
Hewlett Packard Enterprise Co.	6.200%	10/15/35	458	461
Hewlett Packard Enterprise Co.	6.350%	10/15/45	6,958	6,868
HP Inc.	6.000%	9/15/41	3,145	3,192
Intel Corp.	4.000%	12/15/32	2,572	2,630
Intel Corp.	4.800%	10/1/41	2,622	2,904
Intel Corp.	4.250%	12/15/42	600	611
Intel Corp.	4.100%	5/19/46	4,463	4,464
Intel Corp.	4.100%	5/11/47	3,520	3,504
Intel Corp.	3.734%	12/8/47	9,483	8,926
International Business Machines Corp.	5.875%	11/29/32	2,200	2,663
International Business Machines Corp.	5.600%	11/30/39	3,203	3,811
International Business Machines Corp.	4.000%	6/20/42	4,100	3,994
International Business Machines Corp.	4.700%	2/19/46	2,350	2,553
Juniper Networks Inc.	5.950%	3/15/41	1,355	1,370
Microsoft Corp.	3.500%	2/12/35	6,464	6,265
Microsoft Corp.	4.200%	11/3/35	1,228	1,291
Microsoft Corp.	3.450%	8/8/36	8,713	8,337
Microsoft Corp.	4.100%	2/6/37	8,761	9,060

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Microsoft Corp.	5.200%	6/1/39	2,605	3,045
Microsoft Corp.	4.500%	10/1/40	2,972	3,235
Microsoft Corp.	5.300%	2/8/41	2,195	2,613
Microsoft Corp.	3.500%	11/15/42	3,408	3,194
Microsoft Corp.	3.750%	5/1/43	1,683	1,640
Microsoft Corp.	4.875%	12/15/43	1,675	1,902
Microsoft Corp.	3.750%	2/12/45	6,489	6,328
Microsoft Corp.	4.450%	11/3/45	11,649	12,595
Microsoft Corp.	3.700%	8/8/46	15,000	14,488
Microsoft Corp.	4.250%	2/6/47	7,693	8,153
Microsoft Corp.	4.000%	2/12/55	9,585	9,510
Microsoft Corp.	4.750%	11/3/55	3,761	4,249
Microsoft Corp.	3.950%	8/8/56	5,157	5,056
Microsoft Corp.	4.500%	2/6/57	6,962	7,526
Motorola Solutions Inc.	5.500%	9/1/44	1,310	1,221
Oracle Corp.	3.250%	5/15/30	1,704	1,608
Oracle Corp.	4.300%	7/8/34	5,779	5,872
Oracle Corp.	3.900%	5/15/35	4,216	4,069
Oracle Corp.	3.850%	7/15/36	3,835	3,666
Oracle Corp.	3.800%	11/15/37	5,816	5,494
Oracle Corp.	6.500%	4/15/38	4,520	5,757
Oracle Corp.	6.125%	7/8/39	4,125	5,068
Oracle Corp.	5.375%	7/15/40	8,339	9,414
Oracle Corp.	4.500%	7/8/44	3,783	3,835
Oracle Corp.	4.125%	5/15/45	7,952	7,632
Oracle Corp.	4.000%	7/15/46	8,074	7,593
Oracle Corp.	4.000%	11/15/47	9,320	8,794
Oracle Corp.	4.375%	5/15/55	2,990	2,917
QUALCOMM Inc.	4.650%	5/20/35	3,345	3,364
QUALCOMM Inc.	4.800%	5/20/45	4,901	4,907
QUALCOMM Inc.	4.300%	5/20/47	4,941	4,593
Seagate HDD Cayman	5.750%	12/1/34	1,625	1,467
Texas Instruments Inc.	4.150%	5/15/48	4,950	5,019
Tyco Electronics Group SA	7.125%	10/1/37	1,800	2,441
Verisk Analytics Inc.	5.500%	6/15/45	1,375	1,412
Xerox Corp.	6.750%	12/15/39	1,075	1,087
Transportation (1.8%)				
American Airlines 2016-3 Class AA Pass Through Trust	3.000%	10/15/28	1,634	1,529
3 American Airlines 2017-1 Class AA Pass Through Trust	3.650%	8/15/30	1,009	981
3 American Airlines 2017-2 Class AA Pass Through Trust	3.350%	10/15/29	1,900	1,816
Burlington Northern Santa Fe LLC	6.200%	8/15/36	1,015	1,246
Burlington Northern Santa Fe LLC	6.150%	5/1/37	1,720	2,123
Burlington Northern Santa Fe LLC	5.750%	5/1/40	3,640	4,326
Burlington Northern Santa Fe LLC	5.050%	3/1/41	2,207	2,425
Burlington Northern Santa Fe LLC	5.400%	6/1/41	2,632	3,019
Burlington Northern Santa Fe LLC	4.950%	9/15/41	1,175	1,276
Burlington Northern Santa Fe LLC	4.400%	3/15/42	2,660	2,692
Burlington Northern Santa Fe LLC	4.375%	9/1/42	2,380	2,396
Burlington Northern Santa Fe LLC	4.450%	3/15/43	2,706	2,752
Burlington Northern Santa Fe LLC	5.150%	9/1/43	2,560	2,847
Burlington Northern Santa Fe LLC	4.900%	4/1/44	2,375	2,565
Burlington Northern Santa Fe LLC	4.550%	9/1/44	3,208	3,319
Burlington Northern Santa Fe LLC	4.150%	4/1/45	3,975	3,875
Burlington Northern Santa Fe LLC	4.700%	9/1/45	1,820	1,925
Burlington Northern Santa Fe LLC	3.900%	8/1/46	2,336	2,203
Burlington Northern Santa Fe LLC	4.125%	6/15/47	2,568	2,508
Burlington Northern Santa Fe LLC	4.050%	6/15/48	1,000	967
Canadian National Railway Co.	6.900%	7/15/28	1,000	1,247
Canadian National Railway Co.	6.250%	8/1/34	2,270	2,863
Canadian National Railway Co.	6.200%	6/1/36	1,892	2,349
Canadian National Railway Co.	6.375%	11/15/37	515	660
Canadian National Railway Co.	3.200%	8/2/46	2,125	1,831
Canadian National Railway Co.	3.650%	2/3/48	2,400	2,232

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Canadian Pacific Railway Co.	7.125%	10/15/31	1,165	1,475
Canadian Pacific Railway Co.	5.750%	3/15/33	1,075	1,238
Canadian Pacific Railway Co.	4.800%	9/15/35	1,225	1,307
Canadian Pacific Railway Co.	4.800%	8/1/45	1,720	1,848
Canadian Pacific Railway Co.	6.125%	9/15/15	3,125	3,735
CSX Corp.	6.000%	10/1/36	1,095	1,306
CSX Corp.	6.150%	5/1/37	2,480	2,989
CSX Corp.	6.220%	4/30/40	2,190	2,649
CSX Corp.	5.500%	4/15/41	1,760	1,951
CSX Corp.	4.750%	5/30/42	2,217	2,256
CSX Corp.	4.400%	3/1/43	1,150	1,118
CSX Corp.	4.100%	3/15/44	1,750	1,632
CSX Corp.	3.800%	11/1/46	2,250	1,990
CSX Corp.	4.300%	3/1/48	2,825	2,690
CSX Corp.	3.950%	5/1/50	2,525	2,218
CSX Corp.	4.500%	8/1/54	1,665	1,583
CSX Corp.	4.250%	11/1/66	2,000	1,731
CSX Corp.	4.650%	3/1/68	1,155	1,072
FedEx Corp.	4.900%	1/15/34	2,025	2,111
FedEx Corp.	3.900%	2/1/35	1,770	1,649
FedEx Corp.	3.875%	8/1/42	1,755	1,562
FedEx Corp.	4.100%	4/15/43	1,700	1,554
FedEx Corp.	5.100%	1/15/44	2,848	2,978
FedEx Corp.	4.100%	2/1/45	1,270	1,159
FedEx Corp.	4.750%	11/15/45	3,483	3,468
FedEx Corp.	4.550%	4/1/46	4,028	3,881
FedEx Corp.	4.400%	1/15/47	1,794	1,694
FedEx Corp.	4.050%	2/15/48	3,700	3,313
FedEx Corp.	4.500%	2/1/65	785	705
Kansas City Southern	4.300%	5/15/43	1,500	1,384
Kansas City Southern	4.950%	8/15/45	1,720	1,728
Kansas City Southern	4.700%	5/1/48	2,000	1,935
Norfolk Southern Corp.	7.050%	5/1/37	345	454
Norfolk Southern Corp.	4.837%	10/1/41	1,908	1,992
Norfolk Southern Corp.	3.950%	10/1/42	1,635	1,517
Norfolk Southern Corp.	4.450%	6/15/45	1,760	1,758
Norfolk Southern Corp.	4.650%	1/15/46	1,950	1,990
Norfolk Southern Corp.	4.050%	8/15/52	3,846	3,534
Norfolk Southern Corp.	6.000%	3/15/05	1,305	1,512
Union Pacific Corp.	3.950%	9/10/28	6,000	6,006
Union Pacific Corp.	3.375%	2/1/35	625	560
Union Pacific Corp.	3.600%	9/15/37	7,283	6,667
Union Pacific Corp.	4.375%	9/10/38	2,400	2,424
Union Pacific Corp.	4.300%	6/15/42	130	130
Union Pacific Corp.	4.250%	4/15/43	1,550	1,511
Union Pacific Corp.	4.821%	2/1/44	150	157
Union Pacific Corp.	4.150%	1/15/45	400	384
Union Pacific Corp.	4.050%	11/15/45	1,200	1,141
Union Pacific Corp.	3.350%	8/15/46	1,425	1,197
Union Pacific Corp.	4.000%	4/15/47	2,000	1,889
Union Pacific Corp.	4.500%	9/10/48	5,000	5,066
Union Pacific Corp.	3.799%	10/1/51	3,806	3,361
Union Pacific Corp.	3.875%	2/1/55	1,910	1,667
Union Pacific Corp.	4.800%	9/10/58	1,100	1,138
Union Pacific Corp.	4.375%	11/15/65	2,350	2,165
Union Pacific Corp.	4.100%	9/15/67	2,000	1,748
³ Union Pacific Railroad Co. 2007-3 Pass Through Trust	6.176%	1/2/31	618	677
³ United Airlines 2016-1 Class A Pass Through Trust	3.450%	1/7/30	1,217	1,171
³ United Airlines 2016-1 Class AA Pass Through Trust	3.100%	7/7/28	3,262	3,077
³ United Airlines 2016-2 Class A Pass Through Trust	3.100%	10/7/28	828	771
³ United Airlines 2016-2 Class AA Pass Through Trust	2.875%	10/7/28	1,047	971
³ United Airlines 2018-1 Class AA Pass Through Trust	3.500%	3/1/30	2,700	2,594
United Parcel Service Inc.	6.200%	1/15/38	2,172	2,721

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
United Parcel Service Inc.	4.875%	11/15/40	1,995	2,177
United Parcel Service Inc.	3.625%	10/1/42	2,960	2,712
United Parcel Service Inc.	3.400%	11/15/46	2,160	1,853
United Parcel Service Inc.	3.750%	11/15/47	3,455	3,181
United Parcel Service of America Inc.	8.375%	4/1/30	550	737
				3,678,736
Utilities (6.1%)				
Electric (5.5%)				
AEP Texas Inc.	3.800%	10/1/47	1,000	930
AEP Transmission Co. LLC	4.000%	12/1/46	1,450	1,407
AEP Transmission Co. LLC	3.750%	12/1/47	1,750	1,618
Alabama Power Co.	6.125%	5/15/38	1,460	1,807
Alabama Power Co.	6.000%	3/1/39	1,540	1,928
Alabama Power Co.	3.850%	12/1/42	1,100	1,043
Alabama Power Co.	4.150%	8/15/44	1,675	1,654
Alabama Power Co.	3.750%	3/1/45	1,470	1,367
Alabama Power Co.	4.300%	1/2/46	1,925	1,935
Alabama Power Co.	3.700%	12/1/47	1,895	1,754
Alabama Power Co.	4.300%	7/15/48	2,100	2,133
Ameren Illinois Co.	4.150%	3/15/46	1,752	1,755
Ameren Illinois Co.	3.700%	12/1/47	1,925	1,798
Appalachian Power Co.	7.000%	4/1/38	1,713	2,278
Appalachian Power Co.	4.400%	5/15/44	740	757
Appalachian Power Co.	4.450%	6/1/45	1,108	1,129
Arizona Public Service Co.	5.050%	9/1/41	1,380	1,542
Arizona Public Service Co.	4.500%	4/1/42	1,615	1,683
Arizona Public Service Co.	4.350%	11/15/45	825	840
Arizona Public Service Co.	3.750%	5/15/46	1,745	1,634
Avista Corp.	4.350%	6/1/48	1,300	1,313
Baltimore Gas & Electric Co.	6.350%	10/1/36	1,401	1,774
Baltimore Gas & Electric Co.	3.500%	8/15/46	1,750	1,555
Baltimore Gas & Electric Co.	3.750%	8/15/47	1,075	999
Berkshire Hathaway Energy Co.	6.125%	4/1/36	5,610	6,905
Berkshire Hathaway Energy Co.	5.950%	5/15/37	3,725	4,542
Berkshire Hathaway Energy Co.	5.150%	11/15/43	890	989
Berkshire Hathaway Energy Co.	4.500%	2/1/45	3,051	3,119
Berkshire Hathaway Energy Co.	3.800%	7/15/48	2,500	2,295
Black Hills Corp.	4.200%	9/15/46	1,045	999
CenterPoint Energy Houston Electric LLC	6.950%	3/15/33	1,105	1,443
CenterPoint Energy Houston Electric LLC	3.550%	8/1/42	1,725	1,593
CenterPoint Energy Houston Electric LLC	4.500%	4/1/44	1,175	1,246
CenterPoint Energy Houston Electric LLC	3.950%	3/1/48	2,175	2,131
Cleco Corporate Holdings LLC	4.973%	5/1/46	1,175	1,146
Cleveland Electric Illuminating Co.	5.950%	12/15/36	1,280	1,509
CMS Energy Corp.	4.875%	3/1/44	1,000	1,060
Commonwealth Edison Co.	5.900%	3/15/36	2,210	2,692
Commonwealth Edison Co.	6.450%	1/15/38	1,230	1,606
Commonwealth Edison Co.	3.800%	10/1/42	1,350	1,298
Commonwealth Edison Co.	4.600%	8/15/43	1,665	1,801
Commonwealth Edison Co.	4.700%	1/15/44	1,200	1,300
Commonwealth Edison Co.	3.700%	3/1/45	1,685	1,579
Commonwealth Edison Co.	4.350%	11/15/45	1,225	1,249
Commonwealth Edison Co.	3.650%	6/15/46	2,200	2,019
Commonwealth Edison Co.	3.750%	8/15/47	2,025	1,902
Commonwealth Edison Co.	4.000%	3/1/48	2,700	2,636
Connecticut Light & Power Co.	4.300%	4/15/44	2,375	2,458
Connecticut Light & Power Co.	4.150%	6/1/45	50	51
Connecticut Light & Power Co.	4.000%	4/1/48	1,650	1,636
Consolidated Edison Co. of New York Inc.	5.300%	3/1/35	2,245	2,554
Consolidated Edison Co. of New York Inc.	5.850%	3/15/36	2,270	2,666
Consolidated Edison Co. of New York Inc.	6.200%	6/15/36	370	453
Consolidated Edison Co. of New York Inc.	6.300%	8/15/37	1,837	2,299
Consolidated Edison Co. of New York Inc.	6.750%	4/1/38	2,275	3,005

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Consolidated Edison Co. of New York Inc.	5.500%	12/1/39	1,010	1,165
Consolidated Edison Co. of New York Inc.	5.700%	6/15/40	2,020	2,384
Consolidated Edison Co. of New York Inc.	4.200%	3/15/42	675	658
Consolidated Edison Co. of New York Inc.	3.950%	3/1/43	1,500	1,417
Consolidated Edison Co. of New York Inc.	4.450%	3/15/44	2,974	3,039
Consolidated Edison Co. of New York Inc.	4.500%	12/1/45	2,977	3,078
Consolidated Edison Co. of New York Inc.	3.850%	6/15/46	2,000	1,861
Consolidated Edison Co. of New York Inc.	3.875%	6/15/47	1,700	1,584
Consolidated Edison Co. of New York Inc.	4.625%	12/1/54	1,417	1,459
Consolidated Edison Co. of New York Inc.	4.300%	12/1/56	1,175	1,149
Consolidated Edison Co. of New York Inc.	4.000%	11/15/57	1,175	1,075
Consolidated Edison Co. of New York Inc.	4.500%	5/15/58	2,300	2,309
Consumers Energy Co.	3.950%	5/15/43	1,405	1,388
Consumers Energy Co.	3.250%	8/15/46	1,500	1,311
Consumers Energy Co.	3.950%	7/15/47	1,135	1,108
Consumers Energy Co.	4.050%	5/15/48	2,550	2,551
Delmarva Power & Light Co.	4.150%	5/15/45	1,800	1,789
Dominion Energy Inc.	6.300%	3/15/33	1,435	1,686
Dominion Energy Inc.	5.950%	6/15/35	2,440	2,800
Dominion Energy Inc.	4.900%	8/1/41	2,025	2,085
Dominion Energy Inc.	4.050%	9/15/42	1,245	1,142
Dominion Energy Inc.	4.700%	12/1/44	1,670	1,685
Dominion Resources Inc.	5.250%	8/1/33	1,310	1,401
DTE Electric Co.	4.000%	4/1/43	1,225	1,201
DTE Electric Co.	3.700%	3/15/45	1,700	1,591
DTE Electric Co.	3.700%	6/1/46	2,050	1,944
DTE Electric Co.	3.750%	8/15/47	1,450	1,369
DTE Electric Co.	4.050%	5/15/48	1,750	1,738
DTE Energy Co.	6.375%	4/15/33	1,330	1,591
Duke Energy Carolinas LLC	6.000%	12/1/28	925	1,084
Duke Energy Carolinas LLC	6.450%	10/15/32	1,525	1,916
Duke Energy Carolinas LLC	6.100%	6/1/37	1,410	1,755
Duke Energy Carolinas LLC	6.050%	4/15/38	1,075	1,332
Duke Energy Carolinas LLC	5.300%	2/15/40	1,365	1,581
Duke Energy Carolinas LLC	4.250%	12/15/41	3,070	3,112
Duke Energy Carolinas LLC	4.000%	9/30/42	2,725	2,651
Duke Energy Carolinas LLC	3.750%	6/1/45	2,915	2,728
Duke Energy Carolinas LLC	3.875%	3/15/46	2,150	2,050
Duke Energy Carolinas LLC	3.700%	12/1/47	1,850	1,719
Duke Energy Carolinas LLC	3.950%	3/15/48	2,000	1,936
Duke Energy Corp.	4.800%	12/15/45	2,000	2,082
Duke Energy Corp.	3.750%	9/1/46	6,810	6,030
Duke Energy Florida LLC	3.800%	7/15/28	1,700	1,709
Duke Energy Florida LLC	6.350%	9/15/37	1,390	1,782
Duke Energy Florida LLC	6.400%	6/15/38	1,679	2,167
Duke Energy Florida LLC	5.650%	4/1/40	1,115	1,351
Duke Energy Florida LLC	3.850%	11/15/42	1,490	1,411
Duke Energy Florida LLC	3.400%	10/1/46	1,250	1,105
Duke Energy Florida LLC	4.200%	7/15/48	1,500	1,513
3 Duke Energy Florida Project Finance LLC	2.538%	9/1/29	1,500	1,371
3 Duke Energy Florida Project Finance LLC	2.858%	3/1/33	800	721
3 Duke Energy Florida Project Finance LLC	3.112%	9/1/36	900	834
Duke Energy Indiana LLC	6.120%	10/15/35	1,106	1,354
Duke Energy Indiana LLC	6.350%	8/15/38	2,015	2,613
Duke Energy Indiana LLC	6.450%	4/1/39	750	979
Duke Energy Indiana LLC	4.900%	7/15/43	1,380	1,534
Duke Energy Indiana LLC	3.750%	5/15/46	1,800	1,676
Duke Energy Ohio Inc.	3.700%	6/15/46	1,225	1,142
Duke Energy Progress LLC	6.300%	4/1/38	1,825	2,297
Duke Energy Progress LLC	4.100%	5/15/42	2,300	2,269
Duke Energy Progress LLC	4.100%	3/15/43	1,245	1,228
Duke Energy Progress LLC	4.375%	3/30/44	1,925	1,987
Duke Energy Progress LLC	4.150%	12/1/44	1,755	1,744
Duke Energy Progress LLC	4.200%	8/15/45	1,489	1,489

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Duke Energy Progress LLC	3.700%	10/15/46	1,625	1,502
Duke Energy Progress LLC	3.600%	9/15/47	2,250	2,056
El Paso Electric Co.	6.000%	5/15/35	800	904
El Paso Electric Co.	5.000%	12/1/44	1,509	1,534
Emera US Finance LP	4.750%	6/15/46	4,306	4,235
Entergy Louisiana LLC	3.050%	6/1/31	1,150	1,055
Entergy Louisiana LLC	4.000%	3/15/33	3,050	3,051
Entergy Louisiana LLC	4.950%	1/15/45	2,136	2,160
Exelon Corp.	4.950%	6/15/35	1,585	1,660
Exelon Corp.	5.625%	6/15/35	1,793	2,068
Exelon Corp.	5.100%	6/15/45	1,967	2,096
Exelon Corp.	4.450%	4/15/46	2,856	2,768
Exelon Generation Co. LLC	6.250%	10/1/39	2,271	2,412
Exelon Generation Co. LLC	5.750%	10/1/41	1,185	1,190
Exelon Generation Co. LLC	5.600%	6/15/42	3,628	3,648
FirstEnergy Corp.	7.375%	11/15/31	5,325	6,877
FirstEnergy Corp.	4.850%	7/15/47	2,926	2,986
Florida Power & Light Co.	5.625%	4/1/34	1,199	1,417
Florida Power & Light Co.	4.950%	6/1/35	755	830
Florida Power & Light Co.	5.650%	2/1/37	1,343	1,599
Florida Power & Light Co.	5.950%	2/1/38	1,825	2,260
Florida Power & Light Co.	5.960%	4/1/39	1,930	2,407
Florida Power & Light Co.	5.690%	3/1/40	1,415	1,741
Florida Power & Light Co.	5.250%	2/1/41	1,375	1,580
Florida Power & Light Co.	4.125%	2/1/42	2,275	2,294
Florida Power & Light Co.	4.050%	6/1/42	2,067	2,061
Florida Power & Light Co.	3.800%	12/15/42	1,705	1,637
Florida Power & Light Co.	4.050%	10/1/44	1,682	1,677
Florida Power & Light Co.	3.700%	12/1/47	1,025	971
Florida Power & Light Co.	3.950%	3/1/48	4,025	3,950
Florida Power & Light Co.	4.125%	6/1/48	2,000	2,019
Georgia Power Co.	4.750%	9/1/40	5,170	5,577
Georgia Power Co.	4.300%	3/15/42	4,065	4,054
Georgia Power Co.	4.300%	3/15/43	1,320	1,314
Iberdrola International BV	6.750%	7/15/36	1,565	1,927
Indiana Michigan Power Co.	6.050%	3/15/37	1,040	1,269
Indiana Michigan Power Co.	4.550%	3/15/46	1,573	1,631
Indiana Michigan Power Co.	3.750%	7/1/47	1,000	919
Interstate Power & Light Co.	6.250%	7/15/39	1,335	1,706
Interstate Power & Light Co.	3.700%	9/15/46	650	601
ITC Holdings Corp.	5.300%	7/1/43	1,125	1,278
³ John Sevier Combined Cycle Generation LLC	4.626%	1/15/42	2,592	2,707
Kansas City Power & Light Co.	6.050%	11/15/35	680	822
Kansas City Power & Light Co.	5.300%	10/1/41	1,275	1,437
Kansas City Power & Light Co.	4.200%	6/15/47	500	498
Kansas City Power & Light Co.	4.200%	3/15/48	750	738
Kentucky Utilities Co.	5.125%	11/1/40	1,565	1,781
MidAmerican Energy Co.	6.750%	12/30/31	1,365	1,744
MidAmerican Energy Co.	5.750%	11/1/35	1,050	1,255
MidAmerican Energy Co.	5.800%	10/15/36	1,155	1,391
MidAmerican Energy Co.	4.800%	9/15/43	1,215	1,334
MidAmerican Energy Co.	4.400%	10/15/44	920	951
MidAmerican Energy Co.	4.250%	5/1/46	1,569	1,590
MidAmerican Energy Co.	3.950%	8/1/47	1,625	1,579
MidAmerican Energy Co.	3.650%	8/1/48	2,400	2,227
Mississippi Power Co.	4.250%	3/15/42	1,575	1,487
National Rural Utilities Cooperative Finance Corp.	8.000%	3/1/32	1,000	1,392
National Rural Utilities Cooperative Finance Corp.	4.023%	11/1/32	2,724	2,688
Nevada Power Co.	6.650%	4/1/36	775	997
Nevada Power Co.	6.750%	7/1/37	1,270	1,665
Northern States Power Co.	6.250%	6/1/36	1,175	1,463
Northern States Power Co.	6.200%	7/1/37	1,200	1,509
Northern States Power Co.	5.350%	11/1/39	1,050	1,218
Northern States Power Co.	3.400%	8/15/42	1,700	1,522

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Northern States Power Co.	4.125%	5/15/44	1,000	999
Northern States Power Co.	4.000%	8/15/45	1,000	981
Northern States Power Co.	3.600%	5/15/46	1,325	1,204
NorthWestern Corp.	4.176%	11/15/44	1,380	1,417
NSTAR Electric Co.	5.500%	3/15/40	1,605	1,878
NSTAR Electric Co.	4.400%	3/1/44	610	630
Oglethorpe Power Corp.	5.950%	11/1/39	1,165	1,408
Oglethorpe Power Corp.	5.375%	11/1/40	2,330	2,637
Oglethorpe Power Corp.	5.250%	9/1/50	440	481
Ohio Edison Co.	6.875%	7/15/36	1,210	1,586
Ohio Power Co.	4.150%	4/1/48	1,350	1,357
Oklahoma Gas & Electric Co.	4.150%	4/1/47	1,000	987
Oklahoma Gas & Electric Co.	3.850%	8/15/47	1,050	1,014
Oncor Electric Delivery Co. LLC	7.000%	5/1/32	1,570	2,059
Oncor Electric Delivery Co. LLC	7.250%	1/15/33	1,140	1,540
Oncor Electric Delivery Co. LLC	7.500%	9/1/38	1,023	1,444
Oncor Electric Delivery Co. LLC	5.250%	9/30/40	1,440	1,651
Oncor Electric Delivery Co. LLC	4.550%	12/1/41	1,330	1,407
Oncor Electric Delivery Co. LLC	5.300%	6/1/42	1,665	1,915
Oncor Electric Delivery Co. LLC	3.750%	4/1/45	1,870	1,767
Oncor Electric Delivery Co. LLC	3.800%	9/30/47	1,080	1,036
Pacific Gas & Electric Co.	6.050%	3/1/34	9,830	10,617
Pacific Gas & Electric Co.	5.800%	3/1/37	3,193	3,331
Pacific Gas & Electric Co.	6.350%	2/15/38	1,320	1,421
Pacific Gas & Electric Co.	6.250%	3/1/39	1,930	2,108
Pacific Gas & Electric Co.	5.400%	1/15/40	2,869	2,891
Pacific Gas & Electric Co.	4.450%	4/15/42	1,325	1,195
Pacific Gas & Electric Co.	4.600%	6/15/43	1,745	1,604
Pacific Gas & Electric Co.	5.125%	11/15/43	1,655	1,624
Pacific Gas & Electric Co.	4.750%	2/15/44	2,284	2,168
Pacific Gas & Electric Co.	4.300%	3/15/45	1,980	1,772
Pacific Gas & Electric Co.	4.250%	3/15/46	1,538	1,366
Pacific Gas & Electric Co.	4.000%	12/1/46	2,250	1,935
Pacific Gas & Electric Co.	3.950%	12/1/47	2,950	2,521
PacifiCorp	7.700%	11/15/31	1,370	1,871
PacifiCorp	5.250%	6/15/35	985	1,130
PacifiCorp	6.100%	8/1/36	1,170	1,460
PacifiCorp	5.750%	4/1/37	2,305	2,772
PacifiCorp	6.250%	10/15/37	1,974	2,512
PacifiCorp	6.350%	7/15/38	990	1,278
PacifiCorp	6.000%	1/15/39	2,150	2,697
PacifiCorp	4.100%	2/1/42	1,060	1,057
PECO Energy Co.	5.950%	10/1/36	1,140	1,426
PECO Energy Co.	3.900%	3/1/48	225	219
Potomac Electric Power Co.	6.500%	11/15/37	1,945	2,537
Potomac Electric Power Co.	4.150%	3/15/43	2,190	2,180
PPL Capital Funding Inc.	4.700%	6/1/43	1,271	1,290
PPL Capital Funding Inc.	5.000%	3/15/44	1,410	1,460
PPL Capital Funding Inc.	4.000%	9/15/47	1,200	1,096
PPL Electric Utilities Corp.	6.250%	5/15/39	1,265	1,621
PPL Electric Utilities Corp.	4.750%	7/15/43	75	83
PPL Electric Utilities Corp.	4.125%	6/15/44	1,020	1,015
PPL Electric Utilities Corp.	4.150%	10/1/45	1,200	1,196
PPL Electric Utilities Corp.	3.950%	6/1/47	2,800	2,716
PPL Electric Utilities Corp.	4.150%	6/15/48	1,300	1,314
Progress Energy Inc.	7.750%	3/1/31	1,855	2,475
Progress Energy Inc.	7.000%	10/30/31	1,350	1,711
Progress Energy Inc.	6.000%	12/1/39	1,975	2,398
PSEG Power LLC	8.625%	4/15/31	1,460	1,915
Public Service Co. of Colorado	6.500%	8/1/38	400	527
Public Service Co. of Colorado	3.600%	9/15/42	1,805	1,710
Public Service Co. of Colorado	4.300%	3/15/44	1,875	1,923
Public Service Co. of Colorado	3.800%	6/15/47	1,900	1,801
Public Service Co. of Colorado	4.100%	6/15/48	1,000	1,004

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Public Service Electric & Gas Co.	5.800%	5/1/37	1,510	1,838
Public Service Electric & Gas Co.	3.950%	5/1/42	2,195	2,165
Public Service Electric & Gas Co.	3.650%	9/1/42	2,095	1,939
Public Service Electric & Gas Co.	3.800%	3/1/46	2,072	2,000
Public Service Electric & Gas Co.	3.600%	12/1/47	1,950	1,801
Public Service Electric & Gas Co.	4.050%	5/1/48	1,000	1,000
Puget Sound Energy Inc.	6.274%	3/15/37	995	1,262
Puget Sound Energy Inc.	5.757%	10/1/39	1,400	1,716
Puget Sound Energy Inc.	5.795%	3/15/40	720	881
Puget Sound Energy Inc.	5.638%	4/15/41	915	1,093
Puget Sound Energy Inc.	4.300%	5/20/45	1,660	1,695
Puget Sound Energy Inc.	4.223%	6/15/48	2,000	2,029
San Diego Gas & Electric Co.	6.000%	6/1/39	560	701
San Diego Gas & Electric Co.	4.500%	8/15/40	1,660	1,732
San Diego Gas & Electric Co.	3.750%	6/1/47	1,760	1,671
San Diego Gas & Electric Co.	4.150%	5/15/48	1,500	1,483
South Carolina Electric & Gas Co.	6.625%	2/1/32	1,000	1,176
South Carolina Electric & Gas Co.	5.300%	5/15/33	975	1,035
South Carolina Electric & Gas Co.	6.050%	1/15/38	1,775	2,016
South Carolina Electric & Gas Co.	5.450%	2/1/41	1,065	1,139
South Carolina Electric & Gas Co.	4.350%	2/1/42	1,650	1,566
South Carolina Electric & Gas Co.	4.600%	6/15/43	1,330	1,296
South Carolina Electric & Gas Co.	4.100%	6/15/46	1,405	1,275
South Carolina Electric & Gas Co.	4.500%	6/1/64	1,235	1,122
South Carolina Electric & Gas Co.	5.100%	6/1/65	1,565	1,577
Southern California Edison Co.	6.650%	4/1/29	1,125	1,368
Southern California Edison Co.	6.000%	1/15/34	1,185	1,382
Southern California Edison Co.	5.750%	4/1/35	1,250	1,431
Southern California Edison Co.	5.350%	7/15/35	1,595	1,823
Southern California Edison Co.	5.550%	1/15/36	300	342
Southern California Edison Co.	5.625%	2/1/36	1,585	1,823
Southern California Edison Co.	5.550%	1/15/37	690	800
Southern California Edison Co.	5.950%	2/1/38	1,290	1,521
Southern California Edison Co.	6.050%	3/15/39	1,475	1,763
Southern California Edison Co.	5.500%	3/15/40	330	374
Southern California Edison Co.	4.500%	9/1/40	1,555	1,562
Southern California Edison Co.	4.050%	3/15/42	2,295	2,149
Southern California Edison Co.	3.900%	3/15/43	1,825	1,671
Southern California Edison Co.	4.650%	10/1/43	1,840	1,879
Southern California Edison Co.	3.600%	2/1/45	1,815	1,594
Southern California Edison Co.	4.000%	4/1/47	3,475	3,223
Southern California Edison Co.	4.125%	3/1/48	3,000	2,836
Southern Co.	4.250%	7/1/36	3,250	3,159
Southern Co.	4.400%	7/1/46	4,901	4,779
Southern Power Co.	5.150%	9/15/41	2,045	2,081
Southern Power Co.	5.250%	7/15/43	1,055	1,094
Southern Power Co.	4.950%	12/15/46	1,400	1,377
Southwestern Electric Power Co.	6.200%	3/15/40	1,160	1,424
Southwestern Electric Power Co.	3.900%	4/1/45	1,690	1,578
Southwestern Electric Power Co.	3.850%	2/1/48	1,500	1,386
Southwestern Public Service Co.	4.500%	8/15/41	1,580	1,643
Southwestern Public Service Co.	3.400%	8/15/46	1,650	1,449
Southwestern Public Service Co.	3.700%	8/15/47	2,475	2,332
Tampa Electric Co.	4.100%	6/15/42	1,125	1,103
Tampa Electric Co.	4.350%	5/15/44	485	484
Tampa Electric Co.	4.300%	6/15/48	1,500	1,485
Toledo Edison Co.	6.150%	5/15/37	1,185	1,425
TransAlta Corp.	6.500%	3/15/40	1,065	1,051
Union Electric Co.	5.300%	8/1/37	990	1,094
Union Electric Co.	8.450%	3/15/39	1,140	1,726
Union Electric Co.	3.900%	9/15/42	1,600	1,559
Union Electric Co.	3.650%	4/15/45	1,035	971
Union Electric Co.	4.000%	4/1/48	1,000	983
Virginia Electric & Power Co.	6.000%	1/15/36	1,635	1,968

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Virginia Electric & Power Co.	6.000%	5/15/37	2,155	2,638
Virginia Electric & Power Co.	6.350%	11/30/37	1,925	2,444
Virginia Electric & Power Co.	8.875%	11/15/38	1,850	2,862
Virginia Electric & Power Co.	4.000%	1/15/43	1,725	1,635
Virginia Electric & Power Co.	4.650%	8/15/43	1,310	1,370
Virginia Electric & Power Co.	4.450%	2/15/44	2,035	2,066
Virginia Electric & Power Co.	4.200%	5/15/45	1,523	1,499
Virginia Electric & Power Co.	4.000%	11/15/46	1,525	1,460
Virginia Electric & Power Co.	3.800%	9/15/47	1,975	1,815
Westar Energy Inc.	4.125%	3/1/42	2,355	2,336
Westar Energy Inc.	4.100%	4/1/43	1,565	1,558
Westar Energy Inc.	4.250%	12/1/45	575	580
Wisconsin Electric Power Co.	5.625%	5/15/33	620	719
Wisconsin Electric Power Co.	5.700%	12/1/36	750	904
Wisconsin Power & Light Co.	6.375%	8/15/37	890	1,137
Wisconsin Public Service Corp.	3.671%	12/1/42	1,030	952
Wisconsin Public Service Corp.	4.752%	11/1/44	2,105	2,300
Xcel Energy Inc.	6.500%	7/1/36	1,000	1,278
Natural Gas (0.5%)				
Atmos Energy Corp.	5.500%	6/15/41	1,675	1,961
Atmos Energy Corp.	4.150%	1/15/43	1,655	1,645
Atmos Energy Corp.	4.125%	10/15/44	2,480	2,467
CenterPoint Energy Resources Corp.	5.850%	1/15/41	1,025	1,217
CenterPoint Energy Resources Corp.	4.100%	9/1/47	750	715
KeySpan Corp.	5.803%	4/1/35	1,000	1,165
NiSource Finance Corp.	5.950%	6/15/41	1,375	1,617
NiSource Finance Corp.	5.250%	2/15/43	2,650	2,928
NiSource Finance Corp.	4.800%	2/15/44	1,935	2,002
NiSource Finance Corp.	5.650%	2/1/45	750	850
NiSource Finance Corp.	4.375%	5/15/47	4,580	4,481
NiSource Finance Corp.	3.950%	3/30/48	1,352	1,235
ONE Gas Inc.	4.658%	2/1/44	2,000	2,064
Piedmont Natural Gas Co. Inc.	4.650%	8/1/43	850	899
Piedmont Natural Gas Co. Inc.	3.640%	11/1/46	1,175	1,074
Sempra Energy	3.800%	2/1/38	3,450	3,130
Sempra Energy	6.000%	10/15/39	3,286	3,867
Sempra Energy	4.000%	2/1/48	3,304	2,966
Southern California Gas Co.	3.750%	9/15/42	1,150	1,106
Southern California Gas Co.	4.125%	6/1/48	1,300	1,295
Southern Co. Gas Capital Corp.	6.000%	10/1/34	850	977
Southern Co. Gas Capital Corp.	5.875%	3/15/41	2,720	3,155
Southern Co. Gas Capital Corp.	4.400%	6/1/43	1,350	1,338
Southern Co. Gas Capital Corp.	3.950%	10/1/46	975	894
Southern Co. Gas Capital Corp.	4.400%	5/30/47	1,575	1,557
Southwest Gas Corp.	3.800%	9/29/46	1,000	927
Washington Gas Light Co.	3.796%	9/15/46	1,500	1,464
Other Utility (0.1%)				
American Water Capital Corp.	6.593%	10/15/37	2,628	3,486
American Water Capital Corp.	4.300%	12/1/42	1,300	1,321
American Water Capital Corp.	4.300%	9/1/45	1,125	1,125
American Water Capital Corp.	4.000%	12/1/46	425	412
American Water Capital Corp.	3.750%	9/1/47	3,076	2,838
United Utilities plc	6.875%	8/15/28	1,345	1,572
Veolia Environnement SA	6.750%	6/1/38	1,358	1,662
				639,750
Total Corporate Bonds (Cost \$5,220,409)				5,183,963
Sovereign Bonds (4.1%)				
CNOOC Finance 2013 Ltd.	4.250%	5/9/43	4,975	4,755
CNOOC Finance 2015 Australia Pty Ltd.	4.200%	5/5/45	500	472
CNOOC Nexen Finance 2014 ULC	4.875%	4/30/44	3,495	3,678
Ecopetrol SA	7.375%	9/18/43	2,650	2,898

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Ecopetrol SA	5.875%	5/28/45	6,240	5,928
Equinor ASA	4.250%	11/23/41	2,525	2,485
Equinor ASA	3.950%	5/15/43	2,290	2,176
European Investment Bank	4.875%	2/15/36	4,999	6,221
Hydro-Quebec	8.500%	12/1/29	1,521	2,149
Inter-American Development Bank	3.875%	10/28/41	1,330	1,470
Inter-American Development Bank	3.200%	8/7/42	1,405	1,401
Inter-American Development Bank	4.375%	1/24/44	2,328	2,772
International Bank for Reconstruction & Development	4.750%	2/15/35	975	1,187
5 KFW	0.000%	4/18/36	7,055	4,019
5 KFW	0.000%	6/29/37	3,365	1,863
Korea Electric Power Corp.	7.000%	2/1/27	750	933
Nexen Energy ULC	7.875%	3/15/32	1,800	2,421
Nexen Energy ULC	5.875%	3/10/35	1,930	2,227
Nexen Energy ULC	6.400%	5/15/37	1,505	1,842
Nexen Energy ULC	7.500%	7/30/39	2,250	3,099
3 Oriental Republic of Uruguay	7.625%	3/21/36	3,340	4,325
3 Oriental Republic of Uruguay	4.125%	11/20/45	2,250	2,022
3 Oriental Republic of Uruguay	5.100%	6/18/50	16,900	16,647
3 Oriental Republic of Uruguay	4.975%	4/20/55	3,000	2,888
Petroleos Mexicanos	6.625%	6/15/35	9,107	8,904
Petroleos Mexicanos	6.625%	6/15/38	2,575	2,441
Petroleos Mexicanos	6.500%	6/2/41	10,425	9,802
Petroleos Mexicanos	5.500%	6/27/44	6,115	5,146
Petroleos Mexicanos	6.375%	1/23/45	12,100	11,141
Petroleos Mexicanos	5.625%	1/23/46	7,531	6,412
Petroleos Mexicanos	6.750%	9/21/47	24,092	22,891
4 Petroleos Mexicanos	6.350%	2/12/48	1,140	1,040
6 Power Sector Assets & Liabilities Management Corp.	9.625%	5/15/28	550	765
Province of British Columbia	7.250%	9/1/36	1,500	2,273
Province of Quebec	7.500%	9/15/29	7,765	10,686
Republic of Chile	3.625%	10/30/42	500	465
Republic of Chile	3.860%	6/21/47	6,500	6,196
Republic of Colombia	10.375%	1/28/33	1,025	1,582
Republic of Colombia	7.375%	9/18/37	5,897	7,396
Republic of Colombia	6.125%	1/18/41	3,725	4,148
3 Republic of Colombia	5.625%	2/26/44	10,070	10,720
3 Republic of Colombia	5.000%	6/15/45	17,425	17,111
Republic of Hungary	7.625%	3/29/41	4,178	5,673
4 Republic of Indonesia	4.750%	7/18/47	285	270
Republic of Indonesia	4.350%	1/11/48	6,150	5,504
Republic of Italy	5.375%	6/15/33	5,879	6,316
Republic of Korea	4.125%	6/10/44	3,250	3,413
Republic of Panama	9.375%	4/1/29	3,660	5,124
3 Republic of Panama	6.700%	1/26/36	8,036	9,852
3 Republic of Panama	4.500%	5/15/47	3,000	2,921
3 Republic of Panama	4.500%	4/16/50	2,300	2,225
3 Republic of Panama	4.300%	4/29/53	2,950	2,762
Republic of Peru	8.750%	11/21/33	8,400	12,276
3 Republic of Peru	6.550%	3/14/37	4,000	4,975
Republic of Peru	5.625%	11/18/50	7,190	8,319
Republic of the Philippines	9.500%	2/2/30	6,867	10,009
Republic of the Philippines	7.750%	1/14/31	6,825	8,983
Republic of the Philippines	6.375%	1/15/32	1,575	1,886
Republic of the Philippines	6.375%	10/23/34	9,650	11,785
Republic of the Philippines	5.000%	1/13/37	4,000	4,275
Republic of the Philippines	3.950%	1/20/40	9,677	9,290
Republic of the Philippines	3.700%	3/1/41	1,587	1,462
Republic of the Philippines	3.700%	2/2/42	3,965	3,632
State of Israel	4.500%	1/30/43	6,075	6,112
State of Israel	4.125%	1/17/48	3,425	3,217
Statoil ASA	5.100%	8/17/40	3,209	3,584
Statoil ASA	4.800%	11/8/43	4,640	4,982
United Mexican States	7.500%	4/8/33	4,110	5,179

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
United Mexican States	6.750%	9/27/34	5,872	6,914
United Mexican States	6.050%	1/11/40	19,041	21,031
United Mexican States	4.750%	3/8/44	30,856	28,897
United Mexican States	5.550%	1/21/45	500	522
United Mexican States	4.600%	1/23/46	10,251	9,400
United Mexican States	4.350%	1/15/47	5,450	4,851
United Mexican States	5.750%	10/12/10	5,950	5,880
Total Sovereign Bonds (Cost \$440,857)				430,518
Taxable Municipal Bonds (3.8%)				
Alameda County CA Joint Powers Authority Lease Revenue	7.046%	12/1/44	1,025	1,473
American Municipal Power Ohio Inc. Revenue (Hydroelectric Projects)	6.449%	2/15/44	680	890
American Municipal Power Ohio Inc. Revenue (Prairie State Energy Campus Project)	7.834%	2/15/41	645	971
American Municipal Power Ohio Inc. Revenue (Prairie State Energy Campus Project)	6.053%	2/15/43	550	694
American Municipal Power Ohio Inc. Revenue (Prairie State Energy Campus Project)	5.939%	2/15/47	2,000	2,526
American Municipal Power Ohio Inc. Revenue (Prairie State Energy Campus Project)	6.270%	2/15/50	450	574
American Municipal Power Ohio Inc. Revenue (Prairie State Energy Campus Project)	7.499%	2/15/50	175	258
American Municipal Power Ohio Inc. Revenue (Prairie State Energy Campus Project)	8.084%	2/15/50	2,495	4,040
Bay Area Toll Authority California Toll Bridge Revenue (San Francisco Bay Area)	6.918%	4/1/40	1,095	1,509
Bay Area Toll Authority California Toll Bridge Revenue (San Francisco Bay Area)	6.263%	4/1/49	4,350	6,042
Bay Area Toll Authority California Toll Bridge Revenue (San Francisco Bay Area)	7.043%	4/1/50	2,805	4,102
Bay Area Toll Authority California Toll Bridge Revenue (San Francisco Bay Area)	6.907%	10/1/50	1,665	2,434
California GO	7.700%	11/1/30	1,260	1,392
California GO	4.500%	4/1/33	3,100	3,233
California GO	7.500%	4/1/34	6,830	9,593
California GO	7.950%	3/1/36	1,450	1,564
California GO	4.600%	4/1/38	2,000	2,095
California GO	7.550%	4/1/39	10,495	15,476
California GO	7.300%	10/1/39	5,405	7,658
California GO	7.350%	11/1/39	3,925	5,587
California GO	7.625%	3/1/40	4,165	6,143
California GO	7.600%	11/1/40	7,150	10,753
California State University Systemwide Revenue	3.899%	11/1/47	1,000	1,004
Central Puget Sound WA Regional Transit Authority Sales & Use Tax Revenue	5.491%	11/1/39	800	983
Chicago IL GO	7.045%	1/1/29	800	868
Chicago IL GO	7.375%	1/1/33	2,000	2,224
Chicago IL GO	5.432%	1/1/42	900	837
Chicago IL GO	6.314%	1/1/44	1,050	1,071
Chicago IL Metropolitan Water Reclamation District GO	5.720%	12/1/38	2,005	2,482
Chicago IL O'Hare International Airport Revenue	6.395%	1/1/40	1,275	1,688
Chicago IL Transit Authority Sales Tax Receipts Revenue	6.200%	12/1/40	1,450	1,793
Chicago IL Transit Authority Transfer Tax Receipts Revenue	6.899%	12/1/40	5,150	6,701
Clark County NV Airport System Revenue	6.881%	7/1/42	1,150	1,196
Clark County NV Airport System Revenue	6.820%	7/1/45	1,500	2,186
Commonwealth Financing Authority Pennsylvania Revenue	4.014%	6/1/33	1,300	1,318
Commonwealth Financing Authority Pennsylvania Revenue	3.864%	6/1/38	1,000	979

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Connecticut GO	5.632%	12/1/29	1,500	1,675
Connecticut GO	5.090%	10/1/30	750	805
Connecticut GO	5.850%	3/15/32	2,550	2,942
Cook County IL GO	6.229%	11/15/34	1,050	1,310
Dallas County TX Hospital District Revenue	5.621%	8/15/44	850	1,050
Dallas TX Area Rapid Transit Revenue	5.999%	12/1/44	1,545	2,004
Dallas TX Area Rapid Transit Revenue	5.022%	12/1/48	1,665	1,954
Dallas TX Convention Center Hotel Development Corp. Hotel Revenue	7.088%	1/1/42	1,665	2,204
Dallas TX Independent School District GO	6.450%	2/15/35	1,495	1,619
District of Columbia Income Tax Revenue	5.591%	12/1/34	675	806
District of Columbia Water & Sewer Authority Public Utility Revenue	4.814%	10/1/14	1,275	1,406
East Bay CA Municipal Utility District Water System Revenue	5.874%	6/1/40	1,325	1,680
George Washington University District of Columbia GO	4.300%	9/15/44	1,825	1,874
George Washington University Revenue	4.126%	9/15/48	3,000	3,039
Georgia Municipal Electric Power Authority Revenue	6.637%	4/1/57	4,755	6,012
Georgia Municipal Electric Power Authority Revenue	6.655%	4/1/57	3,169	3,966
Georgia Municipal Electric Power Authority Revenue	7.055%	4/1/57	850	1,025
Grand Parkway Transportation Corp. Texas System Toll Revenue	5.184%	10/1/42	1,000	1,177
Houston TX GO	6.290%	3/1/32	1,235	1,421
HOUSTON TX GO	3.961%	3/1/47	950	944
Illinois GO	5.100%	6/1/33	25,940	24,549
Illinois GO	6.630%	2/1/35	1,770	1,875
Illinois GO	6.725%	4/1/35	1,600	1,706
Illinois GO	7.350%	7/1/35	1,055	1,178
Illinois Toll Highway Authority Revenue	6.184%	1/1/34	1,670	2,085
JobsOhio Beverage System Statewide Liquor Profits Revenue	3.985%	1/1/29	1,525	1,568
JobsOhio Beverage System Statewide Liquor Profits Revenue	4.532%	1/1/35	1,050	1,135
Kansas Department of Transportation Highway Revenue	4.596%	9/1/35	1,075	1,182
Los Angeles CA Community College District GO	6.750%	8/1/49	2,425	3,531
Los Angeles CA Department of Water & Power Revenue	5.716%	7/1/39	1,025	1,270
Los Angeles CA Department of Water & Power Revenue	6.166%	7/1/40	625	664
Los Angeles CA Department of Water & Power Revenue	6.574%	7/1/45	1,575	2,225
Los Angeles CA Department of Water & Power Revenue	6.603%	7/1/50	1,775	2,569
Los Angeles CA Unified School District GO	5.755%	7/1/29	1,640	1,920
Los Angeles CA Unified School District GO	5.750%	7/1/34	4,345	5,268
Los Angeles CA Unified School District GO	6.758%	7/1/34	2,810	3,716
Los Angeles County CA Metropolitan Transportation Authority Sales Tax Revenue	5.735%	6/1/39	1,800	2,199
Los Angeles County CA Public Works Financing Authority Lease Revenue	7.618%	8/1/40	700	1,031
Louisville & Jefferson County KY Metropolitan Sewer District Sewer & Drainage System Revenue	6.250%	5/15/43	895	1,193
Maryland Transportation Authority Facilities Projects Revenue	5.888%	7/1/43	850	1,092
Massachusetts GO	4.500%	8/1/31	1,500	1,600
Massachusetts GO	5.456%	12/1/39	3,135	3,755
Massachusetts School Building Authority Dedicated Sales Tax Revenue	5.715%	8/15/39	1,530	1,872
Massachusetts Transportation Fund Revenue	5.731%	6/1/40	1,515	1,910
Metropolitan Government of Nashville & Davidson County TN Convention Center Authority Tourism Tax Revenue	6.731%	7/1/43	1,000	1,349

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Metropolitan Washington DC/VA Airports Authority				
Dulles Toll Road Revenue	7.462%	10/1/46	1,355	1,991
Mississippi GO	5.245%	11/1/34	1,100	1,284
Missouri Health & Educational Facilities Authority				
Revenue (Washington University)	3.652%	8/15/57	1,400	1,323
7 New Jersey Economic Development Authority				
Revenue (State Pension Funding)	7.425%	2/15/29	5,750	7,000
New Jersey Transportation Trust Fund Authority				
Transportation System Revenue	5.754%	12/15/28	1,900	2,110
New Jersey Transportation Trust Fund Authority				
Transportation System Revenue	6.104%	12/15/28	1,660	1,744
New Jersey Transportation Trust Fund Authority				
Transportation System Revenue	6.561%	12/15/40	1,675	2,082
New Jersey Turnpike Authority Revenue	7.414%	1/1/40	4,564	6,638
New Jersey Turnpike Authority Revenue	7.102%	1/1/41	5,985	8,423
New York City NY GO	5.206%	10/1/31	1,070	1,220
New York City NY GO	6.646%	12/1/31	400	432
New York City NY GO	6.246%	6/1/35	1,075	1,135
New York City NY GO	5.517%	10/1/37	1,175	1,406
New York City NY GO	6.271%	12/1/37	1,520	1,980
New York City NY Municipal Water Finance Authority				
Water & Sewer System Revenue	5.750%	6/15/41	975	1,230
New York City NY Municipal Water Finance Authority				
Water & Sewer System Revenue	5.790%	6/15/41	500	524
New York City NY Municipal Water Finance Authority				
Water & Sewer System Revenue	5.724%	6/15/42	1,030	1,308
New York City NY Municipal Water Finance Authority				
Water & Sewer System Revenue	5.952%	6/15/42	800	1,041
New York City NY Municipal Water Finance Authority				
Water & Sewer System Revenue	6.011%	6/15/42	1,500	1,949
New York City NY Municipal Water Finance Authority				
Water & Sewer System Revenue	5.440%	6/15/43	1,970	2,418
New York City NY Municipal Water Finance Authority				
Water & Sewer System Revenue	5.882%	6/15/44	1,595	2,076
New York City NY Transitional Finance Authority Future				
Tax Revenue	5.267%	5/1/27	20	22
New York City NY Transitional Finance Authority Future				
Tax Revenue	5.767%	8/1/36	1,575	1,872
New York City NY Transitional Finance Authority Future				
Tax Revenue	5.508%	8/1/37	1,715	2,031
New York City NY Transitional Finance Authority Future				
Tax Revenue	5.572%	11/1/38	1,150	1,373
New York Metropolitan Transportation Authority				
Revenue	6.814%	11/15/40	540	725
New York Metropolitan Transportation Authority				
Revenue (Dedicated Tax Fund)	7.336%	11/15/39	3,400	4,971
New York Metropolitan Transportation Authority				
Revenue (Transit Revenue)	5.871%	11/15/39	700	851
New York Metropolitan Transportation Authority				
Revenue (Transit Revenue)	6.668%	11/15/39	1,845	2,460
New York State Dormitory Authority Revenue (Personal				
Income Tax)	5.427%	3/15/39	500	586
New York State Dormitory Authority Revenue (Personal				
Income Tax)	5.628%	3/15/39	1,830	2,180
New York State Dormitory Authority Revenue (Personal				
Income Tax)	5.600%	3/15/40	995	1,217
New York State Urban Development Corp. Revenue				
(Personal Income Tax)	5.770%	3/15/39	1,625	1,901
New York University Hospitals Center Revenue	5.750%	7/1/43	925	1,144
North Carolina Turnpike Authority	6.700%	1/1/39	100	102
North Carolina Turnpike Authority	6.700%	1/1/39	70	71
North Texas Tollway Authority System Revenue	6.718%	1/1/49	2,835	4,025
Ohio State University General Receipts Revenue	4.910%	6/1/40	2,175	2,493
Ohio State University General Receipts Revenue	3.798%	12/1/46	1,400	1,385

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
Ohio State University General Receipts Revenue	4.800%	6/1/11	1,682	1,833
Ohio Water Development Authority Water Pollution Control Loan Fund Revenue	4.879%	12/1/34	1,125	1,236
Oregon Department of Transportation Highway User Tax Revenue	5.834%	11/15/34	1,405	1,731
⁸ Oregon School Boards Association GO	5.528%	6/30/28	1,500	1,684
⁷ Oregon School Boards Association GO	5.550%	6/30/28	875	987
Pennsylvania Turnpike Commission Revenue	5.511%	12/1/45	1,110	1,365
Port Authority of New York & New Jersey Revenue	6.040%	12/1/29	1,260	1,523
Port Authority of New York & New Jersey Revenue	5.647%	11/1/40	1,625	2,013
Port Authority of New York & New Jersey Revenue	5.647%	11/1/40	1,695	2,100
Port Authority of New York & New Jersey Revenue	4.960%	8/1/46	2,375	2,807
Port Authority of New York & New Jersey Revenue	5.310%	8/1/46	1,200	1,301
Port Authority of New York & New Jersey Revenue	4.926%	10/1/51	3,520	4,128
Port Authority of New York & New Jersey Revenue	4.458%	10/1/62	6,575	6,983
Port Authority of New York & New Jersey Revenue	4.810%	10/15/65	1,500	1,688
Port of Seattle WA Revenue	7.000%	5/1/36	100	104
President & Fellows of Harvard College Massachusetts GO	4.875%	10/15/40	2,150	2,520
President & Fellows of Harvard College Massachusetts GO	3.150%	7/15/46	1,700	1,543
Princeton University New Jersey GO	5.700%	3/1/39	2,150	2,800
Regional Transportation District of Colorado Sales Tax Revenue	5.844%	11/1/50	1,110	1,455
Rutgers State University New Jersey Revenue	5.665%	5/1/40	1,185	1,410
Sales Tax Securitization Corp. Illinois Revenue	3.587%	1/1/43	2,200	2,091
Sales Tax Securitization Corp. Illinois Revenue	3.820%	1/1/48	1,050	1,008
Salt River Project Arizona Agricultural Improvement & Power District Revenue	4.839%	1/1/41	1,900	2,182
San Antonio TX Electric & Gas Systems Revenue	5.985%	2/1/39	850	1,113
San Antonio TX Electric & Gas Systems Revenue	5.808%	2/1/41	1,450	1,811
San Antonio TX Electric & Gas Systems Revenue	4.427%	2/1/42	1,100	1,211
San Diego County CA Regional Transportation Commission Sales Tax Revenue	5.911%	4/1/48	1,365	1,820
San Diego County CA Water Authority Revenue	6.138%	5/1/49	2,000	2,640
San Francisco CA City & County Public Utilities Commission Water Revenue	6.950%	11/1/50	1,440	2,082
San Jose California Redevelopment Agency Successor Agency Tax Allocation	3.375%	8/1/34	1,350	1,292
Santa Clara Valley CA Transportation Authority Sales Tax Revenue	5.876%	4/1/32	1,500	1,761
South Carolina Public Service Authority Revenue	5.784%	12/1/41	250	296
South Carolina Public Service Authority Revenue	6.454%	1/1/50	1,300	1,749
Texas GO	5.517%	4/1/39	3,290	4,156
Texas Transportation Commission Revenue	5.178%	4/1/30	3,900	4,451
Texas Transportation Commission Revenue	4.681%	4/1/40	950	1,080
University of California Regents Medical Center Revenue	6.548%	5/15/48	1,350	1,815
University of California Regents Medical Center Revenue	6.583%	5/15/49	1,075	1,441
University of California Revenue	4.601%	5/15/31	1,000	1,079
University of California Revenue	6.270%	5/15/31	500	517
University of California Revenue	5.770%	5/15/43	2,900	3,578
University of California Revenue	4.131%	5/15/45	1,500	1,525
University of California Revenue	5.946%	5/15/45	1,275	1,606
University of California Revenue	4.858%	5/15/12	3,050	3,234
University of California Revenue	4.767%	5/15/15	1,450	1,506
University of Southern California GO	5.250%	10/1/11	1,000	1,187
University of Texas Permanent University Fund Revenue	3.376%	7/1/47	1,200	1,111
University of Texas Revenue	3.354%	8/15/47	1,000	919
University of Texas System Revenue Financing System Revenue	6.276%	8/15/41	900	932

Vanguard® Long-Term Bond Index Fund
Schedule of Investments
June 30, 2018

	Coupon	Maturity Date	Face Amount (\$000)	Market Value (\$000)
University of Texas System Revenue Financing System Revenue	4.794%	8/15/46	1,075	1,217
University of Virginia Revenue	4.179%	9/1/17	600	599
Washington GO	5.140%	8/1/40	1,285	1,530
Wisconsin Annual Appropriation Revenue	3.954%	5/1/36	1,650	1,672
Total Taxable Municipal Bonds (Cost \$354,476)				401,837
				Shares
Temporary Cash Investment (0.4%)				
Money Market Fund (0.4%)				
⁹ Vanguard Market Liquidity Fund (Cost \$36,464)	2.122%		364,617	36,465
Total Investments (99.4%) (Cost \$10,460,834)				10,495,267
Other Assets and Liabilities—Net (0.6%)				65,938
Net Assets (100%)				10,561,205

- 1 The issuer operates under a congressional charter; its securities are generally neither guaranteed by the U.S. Treasury nor backed by the full faith and credit of the U.S. government.
 - 2 The issuer was placed under federal conservatorship in September 2008; since that time, its daily operations have been managed by the Federal Housing Finance Agency and it receives capital from the U.S. Treasury, as needed to maintain a positive net worth, in exchange for senior preferred stock.
 - 3 The average or expected maturity is shorter than the final maturity shown because of the possibility of interim principal payments and prepayments or the possibility of the issue being called.
 - 4 Security exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be sold in transactions exempt from registration, normally to qualified institutional buyers. At June 30, 2018, the aggregate value of these securities was \$98,054,000, representing 0.9% of net assets.
 - 5 Guaranteed by the Federal Republic of Germany.
 - 6 Guaranteed by the Republic of the Philippines.
 - 7 Scheduled principal and interest payments are guaranteed by National Public Finance Guarantee Corp.
 - 8 Scheduled principal and interest payments are guaranteed by AGM (Assured Guaranty Municipal Corporation).
 - 9 Affiliated money market fund available only to Vanguard funds and certain trusts and accounts managed by Vanguard. Rate shown is the 7-day yield.
- GO—General Obligation Bond.

