Fidelity® Variable Insurance Products:

Bond Index Portfolio

Annual Report December 31, 2022





Contents

Performance	4
Management's Discussion of Fund Performance	5
Investment Summary	6
Schedule of Investments	7
Financial Statements	27
Notes to Financial Statements	33
Report of Independent Registered Public Accounting Firm	38
Trustees and Officers	39
Shareholder Expense Example	44
Distributions	45
Board Approval of Investment Advisory Contracts and Management Fees	46

To view a fund's proxy voting guidelines and proxy voting record for the 12-month period ended June 30, visit http://www.fidelity.com/proxyvotingresults or visit the Securities and Exchange Commission's (SEC) web site at http://www.sec.gov.

You may also call 1-877-208-0098 to request a free copy of the proxy voting guidelines.

Fidelity® Variable Insurance Products are separate account options which are purchased through a variable insurance contract.

BLOOMBERG [®] is a trademark and service mark of Bloomberg Finance L.P. and its affiliates (collectively "Bloomberg"). Bloomberg or Bloomberg's licensors own all proprietary rights in the Bloomberg Indices. Neither Bloomberg nor Bloomberg's licensors approves or endorses this material, or guarantees the accuracy or completeness of any information herein, or makes any warranty, express or implied, as to the results to be obtained therefrom and, to the maximum extent allowed by law, neither shall have any liability or responsibility for injury or damages arising in connection therewith.

Standard & Poor's, S&P and S&P 500 are registered service marks of The McGraw-Hill Companies, Inc. and have been licensed for use by Fidelity Distributors Corporation.

Other third-party marks appearing herein are the property of their respective owners.

All other marks appearing herein are registered or unregistered trademarks or service marks of FMR LLC or an affiliated company. © 2023 FMR LLC. All rights reserved.
This report and the financial statements contained herein are submitted for the general information of the shareholders of the Fund. This report is not authorized for distribution to prospective investors in the Fund unless preceded or accompanied by an effective prospectus.
A fund files its complete schedule of portfolio holdings with the SEC for the first and third quarters of each fiscal year on Form N-PORT. Forms N-PORT are available on the SEC's web site at http://www.sec.gov. A fund's Forms N-PORT may be reviewed and copied at the SEC's Public Reference Room in Washington, DC. Information regarding the operation of the SEC's Public Reference Room may be obtained by calling 1-800-SEC-0330.
For a complete list of a fund's portfolio holdings, view the most recent holdings listing, semiannual report, or annual report on Fidelity's web site at http://www.fidelity.com_http://www.fidelity.com_http://www.fidelity.com_or.http://www.401k.com_as.applicable

NOT FDIC INSURED • MAY LOSE VALUE • NO BANK GUARANTEE

Neither the Fund nor Fidelity Distributors Corporation is a bank.

Performance: The Bottom Line

Average annual total return reflects the change in the value of an investment, assuming reinvestment of distributions from dividend income and capital gains (the profits earned upon the sale of securities that have grown in value, if any) and assuming a constant rate of performance each year. During periods of reimbursement by Fidelity, a fund's total return will be greater than it would be had the reimbursement not occurred. Performance numbers are net of all underlying fund operating expenses, but do not include any insurance charges imposed by your insurance company's separate account. If performance information included the effect of these additional charges, the total returns would have been lower. How a fund did yesterday is no guarantee of how it will do tomorrow.

Average Annual Total Returns

Periods ended December 31, 2022	Past 1 year	Life of Fund ^A
Initial Class	-13.19%	0.23%
Service Class	-13.27%	0.15%
Service Class 2	-13.38%	-0.02%

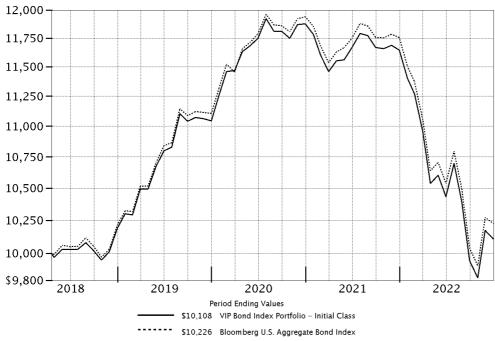
^A From April 19, 2018

The initial offering of Service Class shares took place on April 11, 2019. Returns prior to April 11, 2019, are those of Initial Class.

\$10,000 Over Life of Fund

Let's say hypothetically that \$10,000 was invested in VIP Bond Index Portfolio - Initial Class, a class of the fund, on April 19, 2018, when the fund started.

The chart shows how the value of your investment would have changed, and also shows how the Bloomberg U.S. Aggregate Bond Index performed over the same period.



Management's Discussion of Fund Performance

Market Recap:

U.S. taxable investment-grade bonds notably declined in 2022, as a multitude of crosscurrents challenged the global economy and financial markets. The Bloomberg U.S. Aggregate Bond Index returned -13.01% for the year, its worst annual return on record and the first time it ever ceded ground in back-to-back calendar years. In late 2021, the Federal Reserve began its pivot to a tighter monetary policy, tapering the large-scale asset purchases it initially started in 2008, and dramatically expanded in 2020 amid the COVID-19 pandemic. In early 2022, the Fed, faced with persistent inflationary pressure, began implementing an aggressive series of rate hikes, raising its benchmark interest rate seven times, by a total of 4.25 percentage points, between March and December. This helped push nominal and real (inflation-adjusted) U.S. bond yields to their highest level in more than a decade. Bond prices, which move inversely to yields, fell sharply. Credit spreads significantly widened, as investors demanded more yield for buying corporate debt and other credit-sensitive assets. In November and December, the bond market staged a broad rally (+3.21%) when comments by Fed Chair Jerome Powell pointed to a slowdown in the size and pace of rate hikes, but all major market segments lost ground for the 12 months, with higher-quality, shorter-term bonds holding up best. Spread sectors broadly trailed Treasuries on a duration-adjusted basis.

Comments from Co-Portfolio Managers Brandon Bettencourt and Richard Munclinger:

For the fiscal year, the fund's share classes (excluding sales charges, if any) returned from about -13.0% to -13.3 %, roughly in line, net of fees, with the -13.01% return of the benchmark, the Bloomberg U.S. Aggregate Bond Index. Our goal is to produce monthly returns, before expenses, that closely match the benchmark return. Given the large number of securities in the index (roughly 13,000) and the significant cost and liquidity challenges associated with full replication of the index, we use "stratified sampling techniques" in constructing the portfolio. This approach involves defining and maintaining an "optimal" subset of constituent securities that, in aggregate, mirrors the chief characteristics of the index - including maturity, duration, sector allocation, credit quality and other factors.

The views expressed above reflect those of the portfolio manager(s) only through the end of the period as stated on the cover of this report and do not necessarily represent the views of Fidelity or any other person in the Fidelity organization. Any such views are subject to change at any time based upon market or other conditions and Fidelity disclaims any responsibility to update such views. These views may not be relied on as investment advice and, because investment decisions for a Fidelity fund are based on numerous factors, may not be relied on as an indication of trading intent on behalf of any Fidelity fund.

Annual Report

Investment Summary December 31, 2022 (Unaudited)

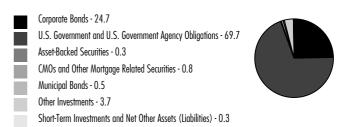
Quality Diversification (% of Fund's net assets)



Percentages shown as 0.0% may reflect amounts less than 0.05%.

We have used ratings from Moody's Investors Service, Inc. Where Moody's® ratings are not available, we have used S&P® ratings. All ratings are as of the date indicated and do not reflect subsequent changes.

Asset Allocation (% of Fund's net assets)



Foreign investments - 8.1%

Schedule of Investments December 31, 2022

Showing Percentage of Net Assets

	Principal Amount (a)	Value (\$)		Principal Amount (a)	Value (\$)
COMMUNICATION SERVICES - 1.9%			COMMUNICATION SERVICES — continued		
Diversified Telecommunication Services - 0.7%			Media - 0.7%		
AT&T, Inc.:			Charter Communications Operating LLC/Charter		
1.65% 2/1/28	200,000	168,910	Communications Operating Capital Corp.:		
2.25% 2/1/32	50,000	39,191	3.7% 4/1/51	30,000	18,24
2.75% 6/1/31	300,000	248,614	3.75% 2/15/28	100,000	90,17
3.3% 2/1/52	50,000	33,257	4.2% 3/15/28	48,000	44,11
3.5% 6/1/41	1,000,000	745,734	5.125% 7/1/49	60,000	45,37
3.5% 9/15/53	347,000	234,203	5.375% 4/1/38	42,000	34,96
3.55% 9/15/55	340,000	226,863	5.375% 5/1/47	190,000	149,04
3.65% 6/1/51	280,000	197,207	6.384% 10/23/35	621,000	605,34
3.65% 9/15/59	257,000	172,018	Comcast Corp.:	105.000	70 /5
3.8% 2/15/27	43,000	41,036	2.45% 8/15/52	135,000	78,65
4.1% 2/15/28	143,000	136,271	2.65% 2/1/30	80,000	69,21
4.65% 6/1/44	40,000	33,577	2.8% 1/15/51	180,000	113,59
Telefonica Emisiones S.A.U.:			2.887% 11/1/51	179,000	114,96
4.103% 3/8/27	150,000	142,316	2.937% 11/1/56	385,000	238,09
5.213% 3/8/47	250,000	200,748	2.987% 11/1/63	305,000	184,42
Verizon Communications, Inc.:			3.4% 4/1/30	87,000	79,33
1.5% 9/18/30	270,000	209,907	3.55% 5/1/28	76,000	71,36
2.355% 3/15/32	9,000	7,134	3.7% 4/15/24	30,000	29,54
2.65% 11/20/40	60,000	40,499	3.75% 4/1/40	31,000	25,56
2.987% 10/30/56	227,000	138,493	3.9% 3/1/38	50,000	43,08
3.55% 3/22/51	500,000	356,177	4.049% 11/1/52	146,000	115,54
3.875% 2/8/29	210,000	197,036	Discovery Communications LLC:	220,000	101.00
4% 3/22/50	114,000	89,189	3.625% 5/15/30	220,000	181,30
4.016% 12/3/29	100,000	93,405	4% 9/15/55	85,000	51,07
4.125% 8/15/46	54,000	42,902	4.65% 5/15/50	100,000	68,77
4.272% 1/15/36	276,000	245,691	5.2% 9/20/47	18,000	13,37
4.329% 9/21/28	643,000	618,234	Fox Corp.:	24.000	20.00
5.012% 8/21/54	38,000 _	34,444	4.709% 1/25/29	34,000	32,85
5	-	4,693,056	5.476% 1/25/39	189,000	171,97
Entertainment - 0.1%			5.576% 1/25/49	23,000	20,52
The Walt Disney Co.:	50.000	41.015	Magallanes, Inc.:	100 000	00.00
2% 9/1/29	50,000	41,915	3.755% 3/15/27 (b)	100,000	90,05
2.65% 1/13/31	200,000	170,713	4.279% 3/15/32 (b) 5.05% 3/15/42 (b)	189,000 100,000	155,69
2.75% 9/1/49	100,000	66,140	5.141% 3/15/52 (b)	175,000	76,50 127,21
3.5% 5/13/40	30,000	24,150	Paramount Global:	173,000	121,21
3.6% 1/13/51	30,000	22,843	4.2% 6/1/29	210,000	186,97
3.7% 9/15/24	300,000	293,484	4.2% 6/1/27 4.95% 1/15/31	190,000	168,85
3.8% 3/22/30	110,000	102,522	5.85% 9/1/43	363,000	301,43
3.8% 5/13/60	30,000	22,852	Time Warner Cable LLC 5.5% 9/1/41	351,000	291,28
4.7% 3/23/50	100,000 _	91,795	TWDC Enterprises 18 Corp.:	331,000	271,20
	-	836,414	2.95% 6/15/27	98,000	91,27
Interactive Media & Services - 0.1%			3% 2/13/26	210,000	198,85
Alphabet, Inc.:	200 000	15/515	5/0 L/ 10/ L0	210,000	4,378,64
1.1% 8/15/30	200,000	156,515	Wireless Telecommunication Services - 0.3%	-	7,370,04
1.9% 8/15/40	264,000	175,197	America Movil S.A.B. de CV 3.625% 4/22/29	200,000	181,28
2.05% 8/15/50	170,000	99,358	T-Mobile U.S.A., Inc.:	200,000	101,20
Meta Platforms, Inc.:	/0.000	בר מממ	3% 2/15/41	529,000	373,27
3.5% 8/15/27	60,000	55,920 52,707	3.5% 4/15/25	410,000	373,27 394,29
3.85% 8/15/32	60,000	52,796		80,000	75,35
4.45% 8/15/52	150,000 _	119,198	3.75% 4/15/27 3.875% 4/15/30	80,000	75,35 72,46
	-	658,984	4.375% 4/15/40	74,000	63,15

	Principal Amount (a)	Value (\$)		Principal Amount (a)	Value (\$)
COMMUNICATION SERVICES — continued			CONSUMER DISCRETIONARY — continued		
Wireless Telecommunication Services — continued			Internet & Direct Marketing Retail — continued		
T-Mobile U.S.A., Inc.: — continued	20.000	(5.77)	Alibaba Group Holding Ltd.: — continued	0.45.000	150.44
4.5% 4/15/50	80,000	65,771	3.15% 2/9/51	245,000	152,44
5.2% 1/15/33 5.45% 1/15/52	55,000 55,000	54,504	Amazon.com, Inc.: 0.8% 6/3/25	110,000	100 44
5.65% 1/15/53 Vodafone Group PLC:	55,000	53,234	1% 5/12/26	6,000	100,44 5,31
4.375% 5/30/28	97,000	95,304	2.1% 5/12/31	105,000	85,74
5.25% 5/30/48	170,000	149,724	2.4% 2/22/23	50,000	49,837
6.15% 2/27/37	392,000	397,140	2.5% 6/3/50	110,000	69,32
0.1370 2/21/01	072,000 _	1,975,507	3.1% 5/12/51	105,000	74,782
TOTAL COMMUNICATION CERVICES	-		3.875% 8/22/37	440,000	389,805
TOTAL COMMUNICATION SERVICES	-	12,542,608	4.05% 8/22/47	280,000	240,084
CONSUMER DISCRETIONARY - 1.6%				,	1,357,08
Automobiles - 0.2%			Leisure Products - 0.0%		
American Honda Finance Corp. 1.2% 7/8/25	330,000	301,636	Hasbro, Inc. 3.55% 11/19/26	110,000 _	103,150
General Motors Co.:	330,000	301,030	Multiline Retail - 0.2%		
5.95% 4/1/49	200,000	174,303	Dollar General Corp. 5% 11/1/32	110,000	108,507
6.125% 10/1/25	455,000	463,058	Dollar Tree, Inc. 4% 5/15/25	248,000	242,114
6.75% 4/1/46	69,000	66,151	Kohl's Corp. 4.25% 7/17/25	265,000	248,438
General Motors Financial Co., Inc.:	07,000	00,131	Target Corp.:	£00 000	401.00
4.35% 4/9/25	84,000	81,717	2.25% 4/15/25	508,000	481,925
5.65% 1/17/29	250,000	245,563	2.65% 9/15/30	77,000	66,163
, ,	_	1,332,428	3.9% 11/15/47	40,000 15,000 _	32,587
Diversified Consumer Services - 0.2%	-		4% 7/1/42	15,000 _	13,078 1,192,812
American University 3.672% 4/1/49	130,000	99,682	Specialty Retail - 0.4%	-	1,172,012
Duke University 2.832% 10/1/55	30,000	20,236	AutoZone, Inc.:		
George Washington University 4.126% 9/15/48	100,000	82,867	3.625% 4/15/25	62,000	59,988
Ingersoll-Rand Global Holding Co. Ltd. 3.75%			4% 4/15/30	150,000	138,892
8/21/28	210,000	196,645	Lowe's Companies, Inc.:	130,000	100,072
Massachusetts Institute of Technology 2.989%	050.000	101 707	3.5% 4/1/51	300,000	210,280
7/1/50	250,000	181,736	3.65% 4/5/29	80,000	73,915
Northwestern University 3.662% 12/1/57	100,000	76,048	4.05% 5/3/47	53,000	41,453
University of Chicago 3% 10/1/52	100,000	68,780	5% 4/15/33	220,000	214,766
University of Southern California 2.945% 10/1/51	240,000 _	160,873	O'Reilly Automotive, Inc. 3.6% 9/1/27	260,000	245,035
Hotels, Restaurants & Leisure - 0.3%	-	886,867	The Home Depot, Inc.:		
Expedia, Inc. 5% 2/15/26	160,000	157,888	2.7% 4/15/30	146,000	127,304
Marriott International, Inc. 3.125% 6/15/26	390,000	365,092	2.8% 9/14/27	84,000	77,805
McDonald's Corp.:	370,000	003,072	2.95% 6/15/29	686,000	620,602
2.125% 3/1/30	400,000	334,609	3.35% 4/15/50	100,000	73,403
2.625% 9/1/29	150,000	131,551	3.9% 6/15/47	29,000	23,839
3.3% 7/1/25	32,000	30,954	4.25% 4/1/46	104,000	90,045
3.5% 7/1/27	91,000	86,320	4.5% 12/6/48	90,000	81,611
3.6% 7/1/30	340,000	311,833	TJX Companies, Inc. 3.875% 4/15/30	687,000 _	642,698
3.8% 4/1/28	84,000	80,377		-	2,721,636
4.2% 4/1/50	40,000	33,280	Textiles, Apparel & Luxury Goods - 0.1%		
4.7% 12/9/35	109,000	104,242	NIKE, Inc.:	00.000	07.00
Starbucks Corp.:	·	•	2.4% 3/27/25	38,000	36,295
2.55% 11/15/30	597,000	501,944	2.85% 3/27/30	570,000	509,378
4.5% 11/15/48	50,000 _	42,867	3.375% 3/27/50	40,000 _	31,293
	_	2,180,957		-	576,966
Internet & Direct Marketing Retail - 0.2%			TOTAL CONSUMER DISCRETIONARY	-	10,351,903
Alibaba Group Holding Ltd.:					
2.125% 2/9/31	240,000	189,302			

	Principal Amount (a)	Value (\$)		Principal Amount (a)	Value (\$)
CONSUMER STAPLES - 1.9%			CONSUMER STAPLES — continued		
Beverages - 0.5%			Food & Staples Retailing — continued		
Anheuser-Busch InBev Worldwide, Inc.:	01.000	07.713	Walmart, Inc.: — continued	00.000	70.007
4% 4/13/28	91,000	86,611	4.05% 6/29/48	80,000 _	70,997
4.5% 6/1/50	100,000	87,464	5 In I - 0.00	-	5,141,329
4.6% 4/15/48	78,000	67,778	Food Products - 0.3%	450.000	
4.6% 6/1/60	50,000	43,368	Archer Daniels Midland Co. 2.5% 8/11/26	450,000	417,280
4.95% 1/15/42	461,000	432,298	Campbell Soup Co. 4.15% 3/15/28	80,000	76,398
5.45% 1/23/39	270,000	269,408	Conagra Brands, Inc.:	100.000	105.075
5.55% 1/23/49	130,000	128,518	4.85% 11/1/28	190,000	185,275
5.8% 1/23/59 (Reg. S)	170,000	173,887	5.3% 11/1/38	13,000	12,242
Constellation Brands, Inc.:	/0.000	E0 000	5.4% 11/1/48	60,000	55,442
3.6% 2/15/28	63,000	58,383	General Mills, Inc.:	40.000	04.557
5.25% 11/15/48	50,000	46,841	2.875% 4/15/30	40,000	34,557
Diageo Capital PLC:	000 000	100 001	3% 2/1/51	80,000	54,701
1.375% 9/29/25	200,000	183,381	4.2% 4/17/28	89,000	86,003
2% 4/29/30	200,000	164,277	JBS U.S.A. Lux SA / JBS Food Co.:	100.000	7, ,05
Dr. Pepper Snapple Group, Inc.:	50.000		3% 5/15/32 (b)	100,000	76,685
2.55% 9/15/26	50,000	45,744	5.75% 4/1/33 (b)	150,000	143,067
3.8% 5/1/50	190,000	142,671	Kellogg Co. 4.5% 4/1/46	32,000	27,265
Molson Coors Beverage Co. 4.2% 7/15/46	92,000	71,334	Tyson Foods, Inc.:		
PepsiCo, Inc.:			4% 3/1/26	70,000	67,825
1.4% 2/25/31	440,000	346,590	5.1% 9/28/48	50,000	46,128
1.625% 5/1/30	267,000	217,171	Unilever Capital Corp.:		
4% 5/2/47	116,000	100,549	1.375% 9/14/30	135,000	105,449
The Coca-Cola Co.:			2% 7/28/26	280,000	255,167
1.45% 6/1/27	30,000	26,483	3.125% 3/22/23	100,000 _	99,990
1.65% 6/1/30	30,000	24,544		-	1,743,474
2.5% 6/1/40	30,000	21,860	Household Products - 0.1%		
2.6% 6/1/50	30,000	19,871	Kimberly-Clark Corp.:		
2.75% 6/1/60	30,000	20,027	1.05% 9/15/27	110,000	93,799
3.45% 3/25/30	186,000	172,970	3.1% 3/26/30	22,000	19,790
4.2% 3/25/50	150,000 _	137,698	Procter & Gamble Co.:		
- 1 - 1 - 4	-	3,089,726	3% 3/25/30	105,000	95,930
Food & Staples Retailing - 0.8%			3.55% 3/25/40	160,000 _	137,840
Costco Wholesale Corp. 1.375% 6/20/27	395,000	345,960	- 1-1	-	347,359
Kroger Co.:			Personal Products - 0.0%		
1.7% 1/15/31	400,000	308,384	Estee Lauder Companies, Inc. 1.95% 3/15/31	200,000 _	161,748
2.65% 10/15/26	230,000	211,107	Tobacco - 0.2%		
3.7% 8/1/27	100,000	94,480	Altria Group, Inc.:	110,000	100.040
5.4% 1/15/49	28,000	26,715	2.625% 9/16/26	110,000	100,860
Sysco Corp.:	E0 000	24.040	3.4% 5/6/30	300,000	256,426
3.3% 2/15/50	50,000	34,249	3.875% 9/16/46	38,000	25,409
4.45% 3/15/48	52,000	42,632	4.8% 2/14/29	120,000	115,143
6.6% 4/1/50	220,000	239,778	5.8% 2/14/39	100,000	92,207
Walgreens Boots Alliance, Inc.:	100 000	110 500	5.95% 2/14/49	30,000	26,677
3.2% 4/15/30	130,000	112,500	BAT Capital Corp.:	100 000	1107/0
3.45% 6/1/26	81,000	77,003	3.557% 8/15/27	130,000	118,763
4.1% 4/15/50	130,000	95,634	4.39% 8/15/37	521,000	405,078
Walmart, Inc.:	10.000	0 /1 /	4.54% 8/15/47	213,000	150,500
3.05% 7/8/26	10,000	9,616	Philip Morris International, Inc.:	22.225	
3.3% 4/22/24	3,220,000	3,154,418	2.875% 5/1/24	80,000	77,628
3.625% 12/15/47	20,000	16,346	3.125% 3/2/28	54,000	49,019
3.7% 6/26/28	170,000	164,251	4.375% 11/15/41	265,000 _	218,390
3.95% 6/28/38	150,000	137,259		_	1,636,100

	Principal Amount (a)	Value (\$)		Principal Amount (a)	Value (\$)
CONSUMER STAPLES — continued			ENERGY — continued		
TOTAL CONSUMER STAPLES	-	12,119,736	Oil, Gas & Consumable Fuels — continued Kinder Morgan, Inc.:		
ENERGY - 1.6%			3.15% 1/15/23	119,000	118,89
			4.3% 3/1/28	112,000	107,28
Energy Equipment & Services - 0.0%			5.2% 3/1/48	30,000	25,88
Baker Hughes Co. 4.08% 12/15/47	172,000 _	134,155	Magellan Midstream Partners LP:		/
Oil, Gas & Consumable Fuels - 1.6%			3.95% 3/1/50	75,000	54,88
Canadian Natural Resources Ltd.:			5% 3/1/26	72,000	71,52
3.85% 6/1/27	558,000	525,492	Marathon Oil Corp. 4.4% 7/15/27	240,000	229,19
4.95% 6/1/47	19,000	16,482	Marathon Petroleum Corp.:		
Cenovus Energy, Inc. 5.4% 6/15/47	124,000	110,910	4.75% 9/15/44	21,000	17,53
Chevron Corp.:	00.000	70.0/2	5.125% 12/15/26	410,000	407,454
1.141% 5/11/23	80,000	78,963	MPLX LP:		
1.554% 5/11/25	80,000	74,421	4.5% 7/15/23	82,000	81,66
1.995% 5/11/27	80,000	71,846	4.7% 4/15/48	28,000	22,09
2.236% 5/11/30	80,000	68,552 59,778	4.8% 2/15/29	30,000	28,70
2.978% 5/11/40 3.078% 5/11/50	80,000 80,000	57,776 57,413	5.5% 2/15/49	310,000	272,45
Chevron U.S.A., Inc.:	00,000	37,413	ONEOK, Inc.:		
3.85% 1/15/28	55,000	53,080	4.45% 9/1/49	40,000	29,72
4.95% 8/15/47	30,000	27,670	4.55% 7/15/28	59,000	55,68
ConocoPhillips Co.:	30,000	27,070	6.1% 11/15/32	220,000	219,98
5.95% 3/15/46	86,000	91,760	Ovintiv, Inc. 6.5% 2/1/38	50,000	49,537
6.5% 2/1/39	260,000	291,337	Phillips 66 Co.:	170.000	
Devon Energy Corp. 5% 6/15/45	80,000	69,073	3.15% 12/15/29 (b)	170,000	148,303
Eastern Gas Transmission & Storage, Inc. 3.9%	00,000	07,070	3.9% 3/15/28	94,000	88,712
11/15/49	60,000	42,379	Pioneer Natural Resources Co.:	000 000	005.00
Enbridge Energy Partners LP 5.875% 10/15/25	76,000	77,177	1.125% 1/15/26	230,000	205,00
Enbridge, Inc. 5.5% 12/1/46	60,000	56,409	1.9% 8/15/30	19,000	14,87
Energy Transfer LP:	·	•	Sabine Pass Liquefaction LLC 4.5% 5/15/30	850,000	787,87
4.2% 9/15/23	30,000	29,812	Shell International Finance BV: 3.125% 11/7/49	100 000	70.07
4.5% 4/15/24	50,000	49,288	3.25% 4/6/50	100,000 100,000	70,27 71,72
5% 5/15/50	160,000	127,829	3.75% 9/12/46	70,000	
5.8% 6/15/38	70,000	64,086	4.375% 5/11/45	293,000	54,818
6% 6/15/48	356,000	320,915	Spectra Energy Partners LP 3.375% 10/15/26	158,000	256,022 147,022
6.25% 4/15/49	30,000	27,896	Suncor Energy, Inc. 4% 11/15/47	179,000	135,70
Enterprise Products Operating LP:			The Williams Companies, Inc.:	177,000	103,70
3.125% 7/31/29	70,000	61,631	3.75% 6/15/27	35,000	32,94
3.95% 2/15/27	85,000	81,522	4.85% 3/1/48	83,000	70,147
4.2% 1/31/50	418,000	328,661	Total Capital International SA 3.127% 5/29/50	220,000	155,368
4.25% 2/15/48	105,000	84,253	TransCanada PipeLines Ltd.:	220,000	133,000
EOG Resources, Inc. 4.375% 4/15/30	510,000	493,000	4.1% 4/15/30	190,000	174,053
Equinor ASA:			7.625% 1/15/39	231,000	264,103
3.125% 4/6/30	357,000	320,528	Transcontinental Gas Pipe Line Co. LLC:	,,,,,,	,
3.25% 11/18/49	160,000	116,222	3.25% 5/15/30	66,000	57,27
3.625% 9/10/28	120,000	113,550	3.95% 5/15/50	180,000	136,87
Exxon Mobil Corp.:	000.000	040 405	Valero Energy Corp.:	•	•
3.452% 4/15/51	330,000	248,435	2.85% 4/15/25	190,000	179,810
4.227% 3/19/40	421,000	378,808	4.35% 6/1/28	20,000	19,269
Hess Corp.:	150,000	140.000		-	10,034,384
4.3% 4/1/27	150,000	143,258	TOTAL ENERGY		10,168,53
7.125% 3/15/33	130,000	140,017	TOTAL LITEROT	-	10,100,30
Kinder Morgan Energy Partners LP:	100 000	0E EU0			
5% 8/15/42 5% 3/1/43	100,000	85,593			
5% 3/1/43	215,000	183,641			

Nonconvertible Bonds - contin	Principal	Value (\$)	Nonconvertible Bonds – contin	Principal	Value (\$)
	Amount (a)	Aning (3)		Amount (a)	vulue (3)
FINANCIALS - 8.6%			FINANCIALS — continued		
Banks - 5.1%			Banks — continued		
Banco Santander SA:			Japan Bank International Cooperation:		
1.849% 3/25/26	200,000	176,528	0.625% 7/15/25	750,000	676,65
2.958% 3/25/31	200,000	158,981	1.25% 1/21/31	580,000	451,46
Bank of America Corp.:	F00 000	470 407	JPMorgan Chase & Co.:	700 000	7/1 00
0.81% 10/24/24 (c)	500,000	479,427	0.653% 9/16/24 (c)	790,000	761,83
0.981% 9/25/25 (c)	600,000	552,225 821,464	1.47% 9/22/27 (c) 1.578% 4/22/27 (c)	390,000 188,000	337,64 165,18
1.197% 10/24/26 (c) 2.651% 3/11/32 (c)	924,000 180,000	021,404 144,077	1.953% 2/4/32 (c)	250,000	191,23
2.676% 6/19/41 (c)	100,000	67,270	2.083% 4/22/26 (c)	200,000	185,65
2.687% 4/22/32 (c)	356,000	284,937	2.522% 4/22/31 (c)	150,000	122,74
3.419% 12/20/28 (c)	220,000	199,216	2.545% 11/8/32 (c)	40,000	31,61
3.458% 3/15/25 (c)	1,900,000	1,849,566	2.58% 4/22/32 (c)	189,000	151,39
3.55% 3/5/24 (c)	113,000	112,575	2.739% 10/15/30 (c)	720,000	603,80
3.946% 1/23/49 (c)	23,000	17,785	2.95% 10/1/26	224,000	208,90
3.97% 3/5/29 (c)	125,000	115,341	2.956% 5/13/31 (c)	50,000	41,19
3.974% 2/7/30 (c)	60,000	54,494	3.109% 4/22/51 (c)	100,000	65,51
4% 1/22/25	370,000	362,141	3.875% 9/10/24	240,000	234,92
4.083% 3/20/51 (c)	220,000	172,163	3.882% 7/24/38 (c)	734,000	609,21
4.271% 7/23/29 (c)	80,000	74,600	4.005% 4/23/29 (c)	43,000	39,78
4.33% 3/15/50 (c)	60,000	49,211	4.203% 7/23/29 (c)	30,000	27,95
5% 1/21/44	400,000	367,757	4.452% 12/5/29 (c)	200,000	187,87
6.204% 11/10/28 (c)	500,000	516,236	4.95% 6/1/45	135,000	120,61
Bank of Nova Scotia:			5.717% 9/14/33 (c)	120,000	117,12
1.95% 2/2/27	100,000	89,020	Korea Development Bank 0.4% 6/19/24	300,000	280,74
3.4% 2/11/24	140,000	137,682	Lloyds Banking Group PLC:		
Barclays PLC:			4.45% 5/8/25	200,000	196,17
2.279% 11/24/27 (c)	400,000	345,751	4.582% 12/10/25	1,518,000	1,469,87
2.852% 5/7/26 (c)	516,000	479,480	Mitsubishi UFJ Financial Group, Inc.:		
4.337% 1/10/28	200,000	185,825	2.193% 2/25/25	740,000	692,56
5.088% 6/20/30 (c)	726,000	668,690	3.287% 7/25/27	150,000	138,17
Canadian Imperial Bank of Commerce 3.6% 4/7/32	143,000	126,020	3.751% 7/18/39	290,000	235,58
Citigroup, Inc.:			3.777% 3/2/25	84,000	81,67
3 month U.S. LIBOR + 1.150% 3.52% 10/27/28			Mizuho Financial Group, Inc.:		
(c) (d)	205,000	187,041	0.849% 9/8/24 (c)	400,000	386,03
2.976% 11/5/30 (c)	270,000	227,023	1.554% 7/9/27 (c)	285,000	248,27
3.106% 4/8/26 (c)	500,000	473,291	2.226% 5/25/26 (c)	400,000	367,39
3.29% 3/17/26 (c)	170,000	161,594	NatWest Group PLC:		
3.98% 3/20/30 (c)	160,000	144,302	3.073% 5/22/28 (c)	290,000	259,15
4.65% 7/23/48	78,000	67,082	3.875% 9/12/23	220,000	217,72
5.316% 3/26/41 (c)	617,000	588,192	Oesterreichische Kontrollbank AG 0.375% 9/17/25	83,000	74,43
5.875% 2/22/33	250,000	247,831	PNC Financial Services Group, Inc.:	514,000	451 17
Citizens Financial Group, Inc. 2.638% 9/30/32	78,000	57,896	1.15% 8/13/26	514,000	451,17
Export-Import Bank of Korea 2.875% 1/21/25 Fifth Third Bancorp:	350,000	335,650	2.2% 11/1/24	70,000	66,88
2.55% 5/5/27	200,000	179,558	5.354% 12/2/28 (c)	90,000	90,70
6.361% 10/27/28 (c)	120,000	179,550	Rabobank Nederland New York Branch 0.375% 1/12/24	1,300,000	1,239,53
HSBC Holdings PLC:	120,000	123,407	Royal Bank of Canada:	1,300,000	1,207,33
4.292% 9/12/26 (c)	1,060,000	1,013,950	0.75% 10/7/24	480,000	446,30
4.272% 7/12/28 (C) 6.8% 6/1/38	449,000	445,634	2.55% 7/16/24	360,000	347,31
7.39% 11/3/28 (c)	220,000	231,209	4.65% 1/27/26	55,000	54,26
Huntington Bancshares, Inc. 4.443% 8/4/28 (c)	70,000	66,677	4.65% 1/27/26 Santander Holdings U.S.A., Inc. 4.5% 7/17/25	82,000	34,26 80,16
ING Groep NV 2.727% 4/1/32 (c)	200,000	159,345	Sumitomo Mitsui Financial Group, Inc.:	02,000	00,10
110 0100p 111 2.7 21 /0 7/ 1/ 02 (C)	۷,000	137,043	1.474% 7/8/25	400,000	364,46

Nonconvenible Banda and	.l		Namanawikla Banda and	·	
Nonconvertible Bonds – continue	Principal Amount (a)	Value (\$)	Nonconvertible Bonds – continued	Principal Amount (a)	Value (\$)
FINANCIALS — continued			FINANCIALS — continued		
Banks — continued			Capital Markets — continued		
Sumitomo Mitsui Financial Group, Inc.: — continued			Intercontinental Exchange, Inc.:		
2.174% 1/14/27	800,000	709,154	1.85% 9/15/32	180,000	135,618
2.348% 1/15/25	200,000	189,240	2.65% 9/15/40	80,000	55,528
2.75% 1/15/30	200,000	167,819	3% 6/15/50	138,000	92,315
3.784% 3/9/26	640,000	615,592	3.75% 9/21/28	50,000	47,243
3.936% 10/16/23	80,000	79,108	4.6% 3/15/33	240,000	229,570
The Toronto-Dominion Bank:			Jefferies Financial Group, Inc. 4.85% 1/15/27	100,000	98,734
1.95% 1/12/27	100,000	89,102	Moody's Corp. 4.875% 12/17/48	123,000	111,025
2.65% 6/12/24	510,000	493,354	Morgan Stanley:		
Truist Financial Corp.:			3 month U.S. LIBOR + 1.430% 4.457% 4/22/39		
1.2% 8/5/25	700,000	640,257	(c) (d)	295,000	258,975
1.267% 3/2/27 (c)	29,000	25,691	2.699% 1/22/31 (c)	230,000	190,060
U.S. Bancorp 1.375% 7/22/30	210,000	162,308	3.591% 7/22/28 (c)	210,000	192,623
Wells Fargo & Co.:			3.625% 1/20/27	96,000	90,529
2.164% 2/11/26 (c)	310,000	288,992	3.971% 7/22/38 (c)	120,000	101,035
2.188% 4/30/26 (c)	340,000	316,424	4.375% 1/22/47	148,000	125,247
2.572% 2/11/31 (c)	690,000	571,366	5.297% 4/20/37 (c)	140,000	128,010
3.068% 4/30/41 (c)	100,000	71,329	5.597% 3/24/51 (c)	90,000	89,480
3.584% 5/22/28 (c)	82,000	76,137	6.342% 10/18/33 (c)	320,000	335,297
3.75% 1/24/24	150,000	147,962	6.375% 7/24/42	190,000	206,080
4.1% 6/3/26	1,194,000	1,156,093	NASDAQ, Inc. 2.5% 12/21/40	100,000	64,823
4.75% 12/7/46	157,000	131,479	Nomura Holdings, Inc. 3.103% 1/16/30	623,000	519,609
4.897% 7/25/33 (c)	130,000	123,439	Northern Trust Corp. 1.95% 5/1/30	220,000	180,734
5.013% 4/4/51 (c)	130,000	115,262	S&P Global, Inc.:		
5.375% 2/7/35	100,000	97,012	2.45% 3/1/27 (b)	590,000	538,842
Westpac Banking Corp.:			4.75% 8/1/28 (b)	140,000	138,365
2.894% 2/4/30 (c)	590,000	540,901	State Street Corp. 1.684% 11/18/27 (c)	204,000	180,696
4.11% 7/24/34 (c)	320,000 _	274,358	6 5 0.70/	-	9,581,749
	-	33,521,564	Consumer Finance - 0.7%		
Capital Markets - 1.5%			AerCap Ireland Capital Ltd./AerCap Global Aviation		
Ares Capital Corp. 2.15% 7/15/26	234,000	198,121	Trust:	250,000	210 /10
Bank of New York Mellon Corp.:			2.45% 10/29/26	250,000	218,610
0.35% 12/7/23	1,100,000	1,055,544	2.875% 8/14/24	150,000	142,018
1.8% 7/28/31	80,000	61,746	3.85% 10/29/41	150,000	106,046
3.85% 4/28/28	27,000	25,895	4.125% 7/3/23	300,000	297,903
BlackRock, Inc. 3.5% 3/18/24	470,000	462,319	4.45% 4/3/26	150,000	143,165
Brookfield Finance, Inc. 2.724% 4/15/31	312,000	250,247	4.5% 9/15/23	150,000	149,015
Charles Schwab Corp. 2% 3/20/28	215,000	188,969	4.625% 10/15/27	220,000	204,328
Credit Suisse AG 0.495% 2/2/24	700,000	647,328	4.875% 1/16/24	150,000	148,569
Credit Suisse Group AG 4.55% 4/17/26	250,000	220,493	Ally Financial, Inc.: 3.05% 6/5/23	120,000	110 / 42
Deutsche Bank AG 4.1% 1/13/26	200,000	191,973	5.125% 9/30/24	120,000 290,000	118,642 287,130
Deutsche Bank AG New York Branch:					
2.311% 11/16/27 (c)	150,000	127,182	5.8% 5/1/25	250,000	248,689
3.7% 5/30/24	200,000	194,351	American Express Co.:	210,000	210 / 15
3.729% 1/14/32 (c)	200,000	146,643	2.5% 7/30/24 2.55% 3/4/27	219,000 100,000	210,615 90,970
4.1% 1/13/26	200,000	192,212	2.55% 5/4/21 3.3% 5/3/27	30,000	28,045
Goldman Sachs Group, Inc.:	055.000	000 010	3.3% 5/3/27 Capital One Financial Corp. 3.8% 1/31/28	251,000	234,603
2.615% 4/22/32 (c)	255,000	203,360	John Deere Capital Corp.:	231,000	۷۵4,003
3.691% 6/5/28 (c)	440,000	408,818	·	40 000	E0 ///
4.017% 10/31/38 (c)	887,000	729,261	2.6% 3/7/24 2.8% 3/6/23	60,000 64,000	58,446 63,774
4.223% 5/1/29 (c)	60,000	55,897	2.8% 7/18/29	220,000	195,993
4.411% 4/23/39 (c)	100,000	86,403	3.65% 10/12/23	290,000	287,730
4.75% 10/21/45	28,000	24,549	0.03/0 10/ 12/ 20	270,000	201,130

	Principal Amount (a)	Value (\$)		Principal Amount (a)	Value (\$)
FINANCIALS — continued			FINANCIALS — continued		
_					
Consumer Finance — continued			Insurance — continued		
Synchrony Financial:	150,000	100 777	Baylor Scott & White Holdings Series 2021, 2.839% 11/15/50	120,000	78,208
3.95% 12/1/27	150,000	133,777	Berkshire Hathaway Finance Corp.:	120,000	70,200
4.375% 3/19/24	45,000	44,190	1.45% 10/15/30	120,000	95,440
5.15% 3/19/29	159,000	150,457	2.85% 10/15/50	220,000	146,934
Toyota Motor Credit Corp.:	000 000	070 404	4.2% 8/15/48	243,000	213,798
0.5% 8/14/23	280,000	272,434	Brighthouse Financial, Inc. 4.7% 6/22/47	28,000	20,482
2.25% 10/18/23	113,000	110,641	Hartford Financial Services Group, Inc. 4.4% 3/15/48	70,000	57,734
3% 4/1/25	580,000 _	556,947	Lincoln National Corp. 4.35% 3/1/48	160,000	120,181
D: :f: F: : C : 0.70/	-	4,502,737	Marsh & McLennan Companies, Inc.:	100,000	120,101
Diversified Financial Services - 0.7%	200 000	100 140	4.2% 3/1/48	110,000	90,594
AB Svensk Exportkredit 0.25% 9/29/23	200,000	193,149	4.9% 3/15/49	50,000	45,957
Berkshire Hathaway, Inc. 4.5% 2/11/43	33,000	30,850	4.7% 3/13/47 MetLife, Inc.:	30,000	43,737
Blackstone Private Credit Fund:	1/0.000	147.000		18,000	15.041
2.7% 1/15/25	160,000	147,822	4.05% 3/1/45	600,000	15,041 589,777
4.7% 3/24/25	180,000	172,546	4.55% 3/23/30		
BP Capital Markets America, Inc. 3% 2/24/50	240,000	160,073	4.875% 11/13/43	100,000	93,402
Brixmor Operating Partnership LP:	41.000	05.077	Progressive Corp. 4.2% 3/15/48	135,000	113,146
4.05% 7/1/30	41,000	35,867	Prudential Financial, Inc.:	22.000	22.054
4.125% 5/15/29	19,000	16,987	3.878% 3/27/28	23,000 38,000	22,054
Corebridge Financial, Inc. 6.875% 12/15/52 (b) (c)	100,000	92,403	3.935% 12/7/49		29,593
DH Europe Finance II SARL:	70.000	// /07	4.35% 2/25/50	285,000	241,317
2.2% 11/15/24	70,000	66,697	5.125% 3/1/52 (c)	50,000	45,500
2.6% 11/15/29	80,000	70,082	6% 9/1/52 (c)	40,000	38,659
3.4% 11/15/49	50,000	37,757	The Travelers Companies, Inc. 4% 5/30/47	32,000	25,869
Equitable Holdings, Inc. 4.35% 4/20/28	360,000	342,995	Willis Group North America, Inc. 2.95% 9/15/29	170,000 _	142,903
Fedex Corp. 2020-1 Class AA pass-thru Trust equipment trust certificate 1.875% 8/20/35	34,829	28,545	TOTAL FINANCIALS	-	3,868,889 55,834,626
Japan International Cooperation Agency 1.75%				-	, ,
4/28/31	200,000	161,487	HEALTH CARE - 2.2%		
KfW:			D: 1 1 0.40/		
0.25% 10/19/23	300,000	289,337	Biotechnology - 0.4%		
0.375% 7/18/25	2,072,000	1,874,000	AbbVie, Inc.:	/0.000	F7 400
2.625% 2/28/24	400,000	390,153	2.6% 11/21/24	60,000	57,400
2.875% 4/3/28	14,000	13,163	2.95% 11/21/26	50,000	46,499
Landwirtschaftliche Rentenbank 3.125% 11/14/23	80,000	78,794	3.2% 11/21/29	80,000	72,118
National Rural Utilities Cooperative Finance Corp.	170.000	15/000	3.8% 3/15/25	61,000	59,451
4.15% 12/15/32	170,000 _	156,980	4.05% 11/21/39	50,000	42,797
	-	4,359,687	4.25% 11/21/49	390,000	323,655
Insurance - 0.6%			4.3% 5/14/36	40,000	36,019
ACE INA Holdings, Inc.:			4.55% 3/15/35	80,000	74,806
1.375% 9/15/30	350,000	271,687	4.7% 5/14/45	120,000	106,584
4.35% 11/3/45	128,000	110,795	4.875% 11/14/48	100,000	91,086
AFLAC, Inc. 3.6% 4/1/30	224,000	202,746	Amgen, Inc.:	410.000	
Allstate Corp.:			3.15% 2/21/40	410,000	301,934
1.45% 12/15/30	110,000	84,248	3.2% 11/2/27	56,000	51,848
5.55% 5/9/35	156,000	159,147	3.375% 2/21/50	110,000	76,467
American International Group, Inc.:			4.2% 3/1/33	260,000	240,533
2.5% 6/30/25	30,000	28,242	4.4% 5/1/45	102,000	85,458
4.25% 3/15/29	100,000	93,420	4.875% 3/1/53	50,000	44,344
4.375% 6/30/50	240,000	203,005	Biogen, Inc. 3.25% 2/15/51	270,000	180,701
4.5% 7/16/44	25,000	21,696	Gilead Sciences, Inc.:		
4.75% 4/1/48	100,000	89,172	2.8% 10/1/50	180,000	115,080
5.75% 4/1/48 (c)	280,000	267,449	4% 9/1/36 4.15% 3/1/47	40,000 60,000	35,258
Aon Corp. 3.75% 5/2/29	120,000	110,693			49,555

	Principal Amount (a)	Value (\$)		Principal Amount (a)	Value (\$)
HEALTH CARE — continued			HEALTH CARE — continued		
Biotechnology — continued			Health Care Providers & Services — continued		
Gilead Sciences, Inc.: — continued			CVS Health Corp.: — continued		
4.5% 2/1/45	311,000 _	273,607	5.05% 3/25/48	131,000	117,578
	-	2,365,200	Elevance Health, Inc.:		
Health Care Equipment & Supplies - 0.2%			3.35% 12/1/24	89,000	86,26
Abbott Laboratories:	0.40.000	005.074	4.101% 3/1/28	50,000	47,91
3.875% 9/15/25	240,000	235,264	4.375% 12/1/47	175,000	149,50
4.9% 11/30/46	20,000	19,499	4.55% 3/1/48	120,000	104,74
Baxter International, Inc.:	100 000	150 507	Franciscan Missionaries of Our Lady Health System, Inc. 3.914% 7/1/49	120,000	91,64
1.915% 2/1/27	180,000	159,586	HCA Holdings, Inc.:	120,000	71,04
2.539% 2/1/32	180,000	142,991	4.5% 2/15/27	1,013,000	976,30
Becton, Dickinson & Co.:	150,000	100 700	5.25% 6/15/49	1,013,000	85,17
2.823% 5/20/30	150,000 52,000	128,739 49,131	Humana, Inc. 3.95% 3/15/27	445,000	426,57
3.7% 6/6/27		114,395	INTEGRIS Baptist Medical Center, Inc. 3.875%	445,000	420,37
4.669% 6/6/47	130,000	114,373	8/15/50	83,000	59,98
Boston Scientific Corp.: 3.75% 3/1/26	120,000	115,837	Kaiser Foundation Hospitals:		51,11
4% 3/1/29	120,000	92,954	2.81% 6/1/41	63,000	45,648
4.7% 3/1/49		125,244	3.266% 11/1/49	80,000	57,77
4.7% 3/1/47 GE Healthcare Holding LLC 5.905% 11/22/32 (b)	140,000 140,000	145,068	4.15% 5/1/47	30,000	25,41
Medtronic, Inc. 4.625% 3/15/45	168,000	156,458	MidMichigan Health 3.409% 6/1/50	33,000	22,67
Stryker Corp. 2.9% 6/15/50	100,000	66,726	Novant Health, Inc. 3.168% 11/1/51	105,000	72,51
Silykei Colp. 2.7% 0/ 13/ 30	100,000 _	1,551,892	Orlando Health Obligated Group 3.327% 10/1/50	57,000	39,44
Health Care Providers & Services - 1.1%	-	1,331,072	Piedmont Healthcare, Inc. 2.719% 1/1/42	37,000	25,26
Aetna, Inc.:			Providence St. Joseph Health Obligated Group 2.7%		
2.8% 6/15/23	110,000	108,842	10/1/51	130,000	76,87
4.75% 3/15/44	60,000	52,835	Sutter Health 3.361% 8/15/50	130,000	88,110
AHS Hospital Corp. 2.78% 7/1/51	250,000	156,084	Trinity Health Corp. 2.632% 12/1/40	50,000	34,69
Allina Health System, Inc. 3.887% 4/15/49	20,000	15,936	UnitedHealth Group, Inc.:		
Banner Health 2.913% 1/1/51	100,000	65,849	1.15% 5/15/26	180,000	160,75
Baptist Healthcare System Obli 3.54% 8/15/50	100,000	71,776	1.25% 1/15/26	81,000	73,40
Bon Secours Mercy Health, Inc. 2.095% 6/1/31	71,000	55,384	2.375% 8/15/24	90,000	86,54
Cardinal Health, Inc. 3.41% 6/15/27	67,000	62,634	2.9% 5/15/50	120,000	81,18
Centene Corp.:		,	3.05% 5/15/41	230,000	172,82
2.625% 8/1/31	130,000	101,936	3.5% 8/15/39	772,000	630,94
3.375% 2/15/30	260,000	219,796	3.7% 8/15/49	40,000	31,65
Children's Hospital of Philadelphia 2.704% 7/1/50	79,000	50,414	3.75% 10/15/47	30,000	23,85
Cigna Corp.:	,	,	4.45% 12/15/48	102,000	90,55
3.75% 7/15/23	10,000	9,934	5.25% 2/15/28	90,000	92,00
4.125% 11/15/25	25,000	24,426	5.35% 2/15/33	90,000	92,85
4.375% 10/15/28	30,000	28,933	West Virginia University Health System Obligated Group	70.000	44.07
4.5% 2/25/26	74,000	72,864	3.129% 6/1/50	70,000	44,86
4.8% 8/15/38	80,000	74,243	if C: T loc : 00%	-	7,098,43
4.8% 7/15/46	465,000	414,838	Life Sciences Tools & Services - 0.0%	00.000	70.51
4.9% 12/15/48	30,000	27,030	PerkinElmer, Inc. 2.25% 9/15/31	90,000	70,51
CommonSpirit Health 3.91% 10/1/50	125,000	92,511	Pharmaceuticals - 0.5%		
CVS Health Corp.:			AstraZeneca Finance LLC:	200 000	250 100
2.7% 8/21/40	467,000	322,636	1.2% 5/28/26	290,000	258,19
3% 8/15/26	20,000	18,681	2.25% 5/28/31	290,000	241,22
3.25% 8/15/29	195,000	174,448	AstraZeneca PLC:	AE 000	40.00
3.75% 4/1/30	380,000	344,532	4.375% 11/16/45 4.375% 8/17/48	45,000 50,000	40,38
4.1% 3/25/25	32,000	31,531	4.375% 8/17/48	50,000	44,39
4.25% 4/1/50	37,000	29,449	Bristol-Myers Squibb Co.: 2.9% 7/26/24	70,000	67,95
4.3% 3/25/28	264,000	255,352	4.125% 6/15/39	100,000	88,97

	Principal	Value (\$)	Nonconvertible Bonds – continued Principal		Value (\$)
	Amount (a)	value (5)		Amount (a)	Tuloc (\$)
HEALTH CARE — continued			INDUSTRIALS — continued		
Pharmaceuticals — continued			Aerospace & Defense — continued		
Bristol-Myers Squibb Co.: — continued			Raytheon Technologies Corp.: — continued		
4.55% 2/20/48	42,000	37,764	4.05% 5/4/47	18,000	14,76
Eli Lilly & Co. 2.25% 5/15/50	200,000	125,295	4.125% 11/16/28	260,000	248,84
GlaxoSmithKline Capital, Inc. 3.875% 5/15/28	130,000	124,646	4.35% 4/15/47	50,000	42,52
GSK Consumer Healthcare Capital U.S. LLC 3.625%	250,000	210 470	4.45% 11/16/38	370,000	336,07
3/24/32 Johnson & Johnson:	250,000	219,470	The Boeing Co.:	107,000	110.40
1.3% 9/1/30	110,000	88,674	3.2% 3/1/29	126,000	110,48
2.1% 9/1/40	220,000	151,367	4.875% 5/1/25	660,000	654,94
2.45% 9/1/60	110,000	67,140	5.705% 5/1/40	836,000	797,17
3.4% 1/15/38	116,000	98,457	5.805% 5/1/50	130,000	120,53
Merck & Co., Inc.:	110,000	70,437	Air Frainhe & Larietica 0.19/	-	2,988,55
3.7% 2/10/45	45,000	37,011	Air Freight & Logistics - 0.1% FedEx Corp.:		
4.15% 5/18/43	266,000	235,538	•	150,000	119 77
Mylan NV 4.55% 4/15/28	20,000	18,502	4.05% 2/15/48	150,000 175,000	113,77 165,07
Novartis Capital Corp.:	20,000	10,302	4.25% 5/15/30 4.9% 1/15/34	130,000	122,85
1.75% 2/14/25	100,000	94,248	4.7% 1/13/34 4.95% 10/17/48	102,000	88,66
2.75% 8/14/50	50,000	34,582	United Parcel Service, Inc.:	102,000	00,00
3.1% 5/17/27	90,000	85,278	2.8% 11/15/24	88,000	84,84
4% 11/20/45	35,000	30,706	5.3% 4/1/50	170,000	176,39
Pfizer, Inc.:	03,000	00,700	3.3/0 4/ 1/ 30	170,000	751,60
2.55% 5/28/40	125,000	90,385	Airlines - 0.1%	-	731,00
2.7% 5/28/50	380,000	256,926	Southwest Airlines Co. 5.125% 6/15/27	595,000	587,48
3.45% 3/15/29	70,000	66,011	United Airlines pass-thru trust equipment trust certificate	373,000	307,10
4% 12/15/36	36,000	32,831	3.1% 1/7/30	202,447	182,50
Shire Acquisitions Investments Ireland DAC 3.2%	33,333	02,00	3 1, 1, 33	202,	769,98
9/23/26	110,000	103,165	Building Products - 0.1%	-	
Takeda Pharmaceutical Co. Ltd.:			Carrier Global Corp.:		
2.05% 3/31/30	200,000	163,250	2.493% 2/15/27	50,000	45,07
3.025% 7/9/40	272,000	199,609	2.722% 2/15/30	100,000	84,18
Viatris, Inc.:			3.377% 4/5/40	195,000	148,00
2.7% 6/22/30	100,000	78,183	3.577% 4/5/50	50,000	35,65
4% 6/22/50	100,000	61,614	Johnson Controls International PLC/Tyco Fire &	,	,
Zoetis, Inc. 4.45% 8/20/48	60,000 _	51,637	Security Finance SCA 4.9% 12/1/32	150,000	147,44
	_	3,293,414	Masco Corp.:		
TOTAL HEALTH CARE		14,379,454	2% 2/15/31	103,000	79,24
101121121111111111111111111111111111111	-	,0,	3.125% 2/15/51	52,000	32,25
INDUSTRIALS - 1.8%				-	571,85
A 0 D.f 0 CV			Commercial Services & Supplies - 0.1%		
Aerospace & Defense - 0.5%			Republic Services, Inc.:		
General Dynamics Corp.: 2.125% 8/15/26	160,000	146,903	1.45% 2/15/31	500,000	385,46
3.375% 5/15/23	81,000	80,549	3.95% 5/15/28	28,000	26,59
4.25% 4/1/50	50,000	60,349 44,351		-	412,05
Lockheed Martin Corp.:	30,000	1,001	Industrial Conglomerates - 0.2%		
4.09% 9/15/52	70,000	58,622	3M Co.:		
4.7% 5/15/46	28,000	25,870	2.375% 8/26/29	177,000	150,12
Northrop Grumman Corp.:	20,000	23,070	2.65% 4/15/25	24,000	22,92
3.25% 1/15/28	80,000	73,780	3% 8/7/25	310,000	297,08
4.03% 10/15/47	106,000	73,760 87,840	3.05% 4/15/30	19,000	16,68
	120,000	118,163	3.7% 4/15/50	24,000	18,37
5 25% 5 /1 /50		110,100	General Electric Co. 4.35% 5/1/50	100 000	398,08
5.25% 5/1/50 Partheon Technologies Corp.:	120,000	.,		489,000	370,00
5.25% 5/1/50 Raytheon Technologies Corp.: 3.65% 8/16/23	4,000	3,966	Honeywell International, Inc.: 2.8% 6/1/50	150,000	106,59

15

Nonconvertible Bonds – continu	Principal Amount (a)	Value (\$)	Nonconvertible Bonds – continu	Principal Amount (a)	Value (\$)
INDUSTRIALS — continued			INDUSTRIALS — continued		
Industrial Conglomerates — continued			Trading Companies & Distributors — continued		
Honeywell International, Inc.: — continued			Air Lease Corp.: — continued		
3.812% 11/21/47	20,000 _	16,527	3.25% 3/1/25	88,000	83,503
	-	1,026,395	3.75% 6/1/26	158,000	147,992
Machinery - 0.2%			3.875% 7/3/23	526,000	521,250
Caterpillar Financial Services Corp.:			4.25% 2/1/24	170,000 _	167,071
0.45% 9/14/23	170,000	164,809		-	1,030,847
1.1% 9/14/27	530,000	451,951	TOTAL INDUSTRIALS	_	11,536,187
3.45% 5/15/23	182,000	181,152	INFORMATION TECHNOLOGY O ON		
3.65% 12/7/23	310,000	306,583	INFORMATION TECHNOLOGY - 2.0%		
Caterpillar, Inc. 3.25% 9/19/49	110,000	82,894	Electronic Equipment & Components - 0.1%		
Deere & Co. 2.875% 9/7/49	130,000	92,664	Corning, Inc. 5.35% 11/15/48	10,000	9,174
Ingersoll-Rand Luxembourg Finance SA 3.8%	125,000	115,047	Dell International LLC/EMC Corp.:	,	.,
3/21/29 Otis Worldwide Corp.:	125,000	113,047	5.3% 10/1/29	390,000	381,421
2.056% 4/5/25	48,000	44,910	8.1% 7/15/36	80,000	89,649
2.565% 2/15/30	70,000	58,814	8.35% 7/15/46	187,000	213,042
3.362% 2/15/50	50,000	34,971		-	693,286
Parker Hannifin Corp. 4% 6/14/49	110,000	86,932	IT Services - 0.6%	-	
Tulker Hullillill Colp. 470 0/ 14/ 47	110,000 _	1,620,727	CDW LLC/CDW Finance Corp. 2.67% 12/1/26	150,000	133,173
Professional Services - 0.0%	-	1,020,727	Fidelity National Information Services, Inc.:	•	•
Thomson Reuters Corp. 3.35% 5/15/26	76,000	71,896	1.15% 3/1/26	246,000	215,716
Road & Rail - 0.3%	70,000 _	71,070	2.25% 3/1/31	200,000	156,722
Burlington Northern Santa Fe LLC:			Fiserv, Inc.:		
3.05% 2/15/51	211,000	146,608	2.75% 7/1/24	440,000	425,051
3.25% 6/15/27	30,000	28,356	3.5% 7/1/29	80,000	72,073
4.05% 6/15/48	207,000	172,428	4.4% 7/1/49	240,000	194,710
4.45% 3/15/43	100,000	89,498	Global Payments, Inc.:		
Canadian National Railway Co. 2.45% 5/1/50	210,000	130,248	1.2% 3/1/26	346,000	301,593
Canadian Pacific Railway Co.:	.,	.,	5.4% 8/15/32	140,000	133,329
1.75% 12/2/26	140,000	124,759	IBM Corp.:		
2.45% 12/2/31	140,000	115,949	1.95% 5/15/30	175,000	142,724
3.1% 12/2/51	140,000	94,121	2.95% 5/15/50	175,000	113,880
CSX Corp.:	•	•	3.5% 5/15/29	843,000	774,920
4.3% 3/1/48	140,000	118,837	MasterCard, Inc.:		
4.5% 3/15/49	160,000	139,155	2% 11/18/31	240,000	192,676
4.75% 11/15/48	70,000	63,226	2.95% 6/1/29	50,000	45,133
Norfolk Southern Corp.:			3.3% 3/26/27	38,000	36,190
3.8% 8/1/28	63,000	59,887	3.35% 3/26/30	53,000	48,594
4.05% 8/15/52	90,000	72,088	3.85% 3/26/50	115,000	95,960
4.15% 2/28/48	38,000	31,200	PayPal Holdings, Inc.:		
Union Pacific Corp.:			1.65% 6/1/25	70,000	64,985
2.75% 3/1/26	160,000	151,297	2.3% 6/1/30	120,000	98,580
2.891% 4/6/36	79,000	62,787	The Western Union Co. 2.85% 1/10/25	70,000	66,650
2.973% 9/16/62	290,000	186,278	Visa, Inc.:	050 005	
3.25% 2/5/50	50,000	36,028	1.1% 2/15/31	250,000	191,489
3.5% 6/8/23	270,000	268,049	2.05% 4/15/30	350,000	295,750
3.6% 9/15/37	38,000	32,117	2.7% 4/15/40	150,000	113,627
3.839% 3/20/60	70,000	54,074	4.15% 12/14/35	38,000 _	35,893
5.15% 1/20/63	120,000 _	115,279	C	-	3,949,418
	-	2,292,269	Semiconductors & Semiconductor Equipment - 0.5%	100,000	05 144
Trading Companies & Distributors - 0.2%			Analog Devices, Inc. 2.8% 10/1/41	130,000	95,144 25,177
Air Lease Corp.:			Applied Materials, Inc. 4.35% 4/1/47	28,000	25,177
2.875% 1/15/26	120,000	111,031	Broadcom Corp./Broadcom Cayman LP 3.5% 1/15/28	1,324,000	1,204,497

See accompanying notes which are an integral part of the financial statements.

Annual Report 16

	Principal Amount (a)	Value (\$)		Principal Amount (a)	Value (\$)
NFORMATION TECHNOLOGY — continued			INFORMATION TECHNOLOGY — continued		
Semiconductors & Semiconductor Equipment — continued			Technology Hardware, Storage & Peripherals — continued		
Broadcom, Inc.:			Apple, Inc.: — continued		
3.419% 4/15/33 (b)	82,000	65,740	3.75% 11/13/47	57,000	46,92
4.3% 11/15/32	250,000	220,335	3.85% 5/4/43	369,000	318,21
4.75% 4/15/29	50,000	47,626	4.5% 2/23/36	90,000	89,28
5% 4/15/30	50,000	47,470	HP, Inc.:		
ntel Corp.:	·		2.2% 6/17/25	160,000	149,48
3.25% 11/15/49	110,000	74,862	4.2% 4/15/32	110,000	94,57
3.734% 12/8/47	617,000	462,394	, ,	· -	2,062,31
am Research Corp. 2.875% 6/15/50	150,000	100,232	TOTAL INFORMATION TECHNOLOGY	-	
Micron Technology, Inc. 4.663% 2/15/30	230,000	208,604	TOTAL INFORMATION TECHNOLOGY	-	12,701,18
WVIDIA Corp.:	200,000	200,00	MATERIALS - 0.7%		
2% 6/15/31	216,000	173,000			
2.85% 4/1/30	100,000	87,231	Chemicals - 0.5%		
3.5% 4/1/40	50,000	40,490	Air Products & Chemicals, Inc.:		
3.5% 4/1/50	50,000	37,738	1.5% 10/15/25	100,000	92,03
IXP BV/NXP Funding LLC/NXP U.S.A., Inc. 2.65%	30,000	37,730	2.05% 5/15/30	60,000	50,22
2/15/32	270,000	210,060	2.7% 5/15/40	60,000	44,64
lualcomm, Inc.:	270,000	210,000	2.8% 5/15/50	100,000	69,22
1.65% 5/20/32	54,000	41,591	DuPont de Nemours, Inc.:	•	
6% 5/20/53	120,000	127,449	4.725% 11/15/28	35,000	34,5
		61,944	5.319% 11/15/38	679,000	652,55
exas Instruments, Inc. 4.15% 5/15/48	70,000 _		Eastman Chemical Co. 4.5% 12/1/28	174,000	164,77
oftware - 0.4%	-	3,331,584	Ecolab, Inc. 1.3% 1/30/31	300,000	228,32
			LYB International Finance II BV 3.5% 3/2/27	166,000	153,63
Microsoft Corp.:	227.000	214 524	LYB International Finance III LLC:	100,000	130,00
2.525% 6/1/50	326,000	214,524	3.375% 10/1/40	20,000	14,21
2.921% 3/17/52	534,000	377,805	3.625% 4/1/51	120,000	80,28
3.3% 2/6/27	115,000	110,824	4.2% 10/15/49	100,000	74,36
3.45% 8/8/36	31,000	27,425	Nutrien Ltd.:	100,000	7 7,00
Oracle Corp.:	007.000	105.011	4.2% 4/1/29	13,000	12,21
1.65% 3/25/26	207,000	185,311	5% 4/1/49	103,000	92,46
2.5% 4/1/25	80,000	75,430	Sherwin-Williams Co.:	100,000	72,40
2.95% 4/1/30	150,000	127,890	3.45% 6/1/27	290,000	272,00
3.25% 11/15/2/	96,000	88,1/3			
3.6% 4/1/50	300,000	201,980	3.8% 8/15/49	80,000 50,000	59,39
3.8% 11/15/37	110,000	87,097	4.5% 6/1/47 The Dow Chemical Co.:	50,000	41,95
3.85% 4/1/60	80,000	53,155	2.1% 11/15/30	350,000	200.00
4% 11/15/47	187,000	136,678		250,000	200,89
5.375% 7/15/40	641,000	588,210	3.6% 11/15/50	150,000	107,17
Roper Technologies, Inc.:			4.8% 5/15/49	50,000	42,19
1% 9/15/25	50,000	44,798	7.375% 11/1/29	46,000	51,10
1.4% 9/15/27	50,000	42,298	The Mosaic Co. 4.05% 11/15/27	90,000	84,74
1.75% 2/15/31	50,000	38,519	Westlake Corp. 3.6% 8/15/26	625,000 _	587,25
2% 6/30/30	330,000 _	264,461		-	3,210,19
	_	2,664,578	Containers & Packaging - 0.1%		
echnology Hardware, Storage & Peripherals -	_	_	International Paper Co. 4.8% 6/15/44	155,000	133,85
0.4%			WRKCo, Inc. 4.65% 3/15/26	290,000 _	284,47
pple, Inc.:				-	418,32
1.125% 5/11/25	772,000	710,743	Metals & Mining - 0.1%		
1.25% 8/20/30	50,000	39,363	Barrick Gold Corp. 5.25% 4/1/42	163,000	155,43
2.375% 2/8/41	330,000	233,211	BHP Billiton Financial (U.S.A.) Ltd. 5% 9/30/43	176,000	170,50
2.55% 8/20/60	200,000	121,020	Newmont Corp.:		
2.95% 9/11/49	240,000	169,906	2.25% 10/1/30	100,000	80,37
3% 11/13/27	96,000	89,597	2.8% 10/1/29	100,000	85,0

Nonconvertible Bonds – conti	Principal Amount (a)	Value (\$)	Nonconvertible Bonds – contin	Principal Amount (a)	Value (\$)
MATERIALS — continued			REAL ESTATE — continued		
Metals & Mining — continued			Equity Real Estate Investment Trusts (REITs) —		
Newmont Corp.: — continued			continued		
5.45% 6/9/44	80,000	76,099	VICI Properties LP:		
Southern Copper Corp. 5.875% 4/23/45	30,000	30,634	4.75% 2/15/28	70,000	66,407
Vale Overseas Ltd. 3.75% 7/8/30	300,000 _	262,088	5.125% 5/15/32	70,000	64,817
	_	860,151	Welltower, Inc. 4.95% 9/1/48	76,000 _	62,521
Paper & Forest Products - 0.0%			P. I	-	4,740,324
Suzano Austria GmbH 2.5% 9/15/28	298,000 _	249,948	Real Estate Management & Development - 0.0%	170,000	100.07
TOTAL MATERIALS		4,738,622	Essex Portfolio LP 2.65% 3/15/32	170,000 _	133,969
REAL ESTATE - 0.7%	_	· · ·	TOTAL REAL ESTATE	-	4,874,293
			UTILITIES - 1.7%		
Equity Real Estate Investment Trusts (REITs) - 0.7% Alexandria Real Estate Equities, Inc.:			Electric Utilities - 1.2%		
2% 5/18/32	125,000	95,714	Alabama Power Co. 6% 3/1/39	180,000	187,905
3% 5/18/51	125,000	79,030	Appalachian Power Co.:	100,000	107,703
4.85% 4/15/49	90,000	76,202	3.3% 6/1/27	110,000	102,953
American Tower Corp.:	70,000	70,202	4.45% 6/1/45	18,000	14,796
2.1% 6/15/30	160,000	126,647	4.5% 3/1/49	90,000	74,155
3.1% 6/15/50	160,000	120,647	Arizona Public Service Co. 2.95% 9/15/27	68,000	61,819
3.6% 1/15/28	32,000	29,411	Baltimore Gas & Electric Co.:	00,000	01,017
3.8% 8/15/29	70,000	63,502	2.9% 6/15/50	200,000	132,165
AvalonBay Communities, Inc.:	70,000	00,302	3.2% 9/15/49	150,000	105,518
2.3% 3/1/30	130,000	107,957	CenterPoint Energy Houston Electric LLC 3.35%	130,000	103,310
3.2% 1/15/28	63,000	57,588	4/1/51	250,000	183,973
Boston Properties, Inc. 3.65% 2/1/26	100,000	94,789	Commonwealth Edison Co. 4% 3/1/48	42,000	34,501
Corporate Office Properties LP 2.75% 4/15/31	50,000	37,420	Duke Energy Carolinas LLC:	•	•
Crown Castle International Corp.:	30,000	07,420	2.45% 8/15/29	190,000	162,916
1.35% 7/15/25	79,000	71,867	3.95% 3/15/48	31,000	24,800
2.25% 1/15/31	100,000	80,223	4.25% 12/15/41	341,000	294,286
3.25% 1/15/51	40,000	26,007	Duke Energy Corp.:		
3.7% 6/15/26	100,000	95,084	2.45% 6/1/30	182,000	149,657
ERP Operating LP:	,	,	3.75% 9/1/46	80,000	59,357
3.5% 3/1/28	61,000	56,211	3.95% 8/15/47	250,000	188,759
4.15% 12/1/28	330,000	307,723	4.2% 6/15/49	90,000	71,026
Healthpeak Properties, Inc. 3% 1/15/30	140,000	120,399	Duke Energy Progress LLC 3.7% 10/15/46	170,000	128,681
Kimco Realty Corp.:	,	,	Entergy Corp. 0.9% 9/15/25	400,000	356,205
1.9% 3/1/28	570,000	477,246	Entergy, Inc. 3.55% 9/30/49	29,000	20,807
3.3% 2/1/25	180,000	172,477	Eversource Energy:		
National Retail Properties, Inc. 3% 4/15/52	100,000	59,506	2.55% 3/15/31	120,000	98,822
Omega Healthcare Investors, Inc. 5.25% 1/15/26	230,000	225,218	3.3% 1/15/28	62,000	57,091
Prologis LP:			3.45% 1/15/50	60,000	43,523
1.75% 2/1/31	370,000	291,262	Exelon Corp.:		
3% 4/15/50	145,000	96,995	3.4% 4/15/26	150,000	142,423
Realty Income Corp.:			4.05% 4/15/30	150,000	139,260
3.25% 1/15/31	220,000	190,777	4.45% 4/15/46	144,000	121,637
3.4% 1/15/28	230,000	211,789	FirstEnergy Corp.:		== =
Simon Property Group LP:			1.6% 1/15/26	85,000	75,012
2.65% 7/15/30	125,000	103,961	5.35% 7/15/47	140,000	124,990
3.375% 12/1/27	935,000	864,684	Florida Power & Light Co.:	^	
UDR, Inc. 2.1% 6/15/33	80,000	56,450	2.85% 4/1/25	317,000	303,521
Ventas Realty LP:			4.125% 6/1/48	26,000	22,094
4.4% 1/15/29	40,000	37,263	Interstate Power and Light Co. 2.3% 6/1/30	93,000	75,990
4.875% 4/15/49	160,000	132,498	Kentucky Utilities Co. 5.125% 11/1/40	100,000	94,673

Nonconvertible Bonds – continued			Nonconvertible Bonds – continued			
Montonvernible Bonds - Confl	Principal Amount (a)	Value (\$)	Nonconvernible Bonds - Conf	Principal Amount (a)	Value (\$)	
UTILITIES — continued			UTILITIES — continued			
Electric Utilities — continued			Multi-Utilities — continued			
MidAmerican Energy Co.:			Berkshire Hathaway Energy Co.: — continued			
3.65% 4/15/29	190,000	177,643	4.45% 1/15/49	54,000	46,371	
3.65% 8/1/48	30,000	23,539	CenterPoint Energy, Inc. 3.7% 9/1/49	80,000	59,323	
NextEra Energy Capital Holdings, Inc.:			Consolidated Edison Co. of New York, Inc.:			
1.875% 1/15/27	500,000	442,528	3.95% 4/1/50	130,000	101,961	
2.44% 1/15/32	500,000	403,452	4.65% 12/1/48	50,000	43,524	
3.5% 4/1/29	140,000	127,176	5.5% 12/1/39	256,000	250,003	
Northern States Power Co.:			Dominion Energy, Inc.:			
2.9% 3/1/50	80,000	54,717	3.375% 4/1/30	720,000	634,476	
3.6% 9/15/47	50,000	38,510	4.6% 3/15/49	50,000	42,047	
NSTAR Electric Co. 4.95% 9/15/52	50,000	48,302	4.7% 12/1/44	26,000	22,135	
Oncor Electric Delivery Co. LLC:			7% 6/15/38	130,000	139,248	
3.1% 9/15/49	100,000	70,778	NiSource, Inc.:		050 410	
3.75% 4/1/45	120,000	96,470	0.95% 8/15/25	280,000	252,418	
Pacific Gas & Electric Co. 3.5% 8/1/50	682,000	423,601	2.95% 9/1/29	190,000	164,786	
PacifiCorp 6% 1/15/39	235,000	244,411	3.49% 5/15/27	50,000	47,095	
PECO Energy Co. 3.9% 3/1/48	96,000	78,280	3.95% 3/30/48	46,000	35,681	
PG&E Wildfire Recovery:	50.000	47.011	5.25% 2/15/43	156,000	147,549	
5.099% 6/1/54	50,000	47,011	Puget Energy, Inc. 4.1% 6/15/30	200,000	178,592	
5.212% 12/1/49	100,000	96,530	Sempra Energy 6% 10/15/39	274,000	276,887	
PPL Capital Funding, Inc. 4% 9/15/47	20,000	13,840	W. Heler 0.00/		2,682,559	
PPL Electric Utilities Corp. 3% 10/1/49	100,000	67,431	Water Utilities - 0.0%	040.000	107 700	
Public Service Co. of Colorado:	07.000	00.707	American Water Capital Corp. 3.75% 9/1/47	240,000	186,789	
3.7% 6/15/28	87,000	82,786	TOTAL UTILITIES		10,990,473	
6.25% 9/1/37	182,000	197,072				
Public Service Electric & Gas Co.:	70.000	(0.051	TOTAL NONCONVERTIBLE BONDS			
2.45% 1/15/30	70,000	60,051	(Cost \$192,786,066)		160,237,626	
3.15% 1/1/50	70,000	48,948 33,412	U.S. Government and Gover	nmont Agoney		
3.6% 12/1/47 Puget Sound Energy, Inc. 4.223% 6/15/48	44,000 45,000	36,454	Obligations – 41.7%	illielli Agelicy		
Southern California Edison Co. 4% 4/1/47	562,000	439,189	Obligations - 41.7 /6	Principal	Value (\$)	
Southern Co. 3.25% 7/1/26	112,000	105,314		Amount (a)	vuiue (5)	
Southwestern Electric Power Co. 3.85% 2/1/48	190,000	140,105		7 (2 <i>)</i>		
Tampa Electric Co. 4.45% 6/15/49	100,000	82,506	U.S. Government Agency Obligations - 0.8%			
Virginia Electric & Power Co.:	100,000	02,300	Fannie Mae:			
3.3% 12/1/49	60,000	42,850	0.375% 8/25/25	95,000	85,679	
3.8% 9/15/47	50,000	38,221	0.5% 6/17/25	2,248,000	2,045,468	
4.6% 12/1/48	52,000	45,038	0.625% 4/22/25	258,000	237,036	
Xcel Energy, Inc.:	52,000	.5,555	0.875% 8/5/30	339,000	269,095	
3.4% 6/1/30	63,000	56,199	1.75% 7/2/24	100,000	95,725	
4% 6/15/28	76,000 _	72,741	1.875% 9/24/26	60,000	55,359	
	_	7,588,420	Federal Home Loan Bank:			
Gas Utilities - 0.1%	-	. /2.2./	0.375% 9/4/25	160,000	144,017	
Atmos Energy Corp. 5.45% 10/15/32	180,000	186,093	1.5% 8/15/24	100,000	94,945	
Dominion Gas Holdings LLC 2.5% 11/15/24	50,000	47,628	Freddie Mac:	. 55,550	,3	
Southern Co. Gas Capital Corp. 3.95% 10/1/46	308,000 _	230,813	0.25% 8/24/23	500,000	485,442	
1 1000000000000000000000000000000000000		464,534	0.375% 7/21/25	448,000	405,417	
Independent Power and Renewable Electricity	-	. ,	0.375% 9/23/25	231,000	207,873	
Producers - 0.0%			6.25% 7/15/32	360,000	419,879	
Southern Power Co. 4.95% 12/15/46	80,000	68,171	Tennessee Valley Authority:	333,330	,	
Multi-Utilities - 0.4%	-		0.75% 5/15/25	600,000	549,492	
Berkshire Hathaway Energy Co.:			2.875% 2/1/27	130,000	123,075	
4.25% 10/15/50	290,000	240,463	4.25% 9/15/65	30,000	26,036	
			· · / ·/	/	,-30	

U.S. Government and Government	ment Agency		U.S. Government and Government Agency		
Obligations – continued	Principal Amount (a)	Value (\$)	Obligations – continued	Principal Amount (a)	Value (\$)
U.S. Government Agency Obligations — continued			U.S. Treasury Obligations — continued		
Tennessee Valley Authority: — continued			U.S. Treasury Bonds: — continued		
5.88% 4/1/36	260,000	288,020	3.5% 2/15/39	8,000	7,514
TOTAL U.S. GOVERNMENT AGENCY OBLIGATIONS		5,532,558	3.625% 8/15/43	971,000	892,637
U.S. Treasury Obligations - 40.9%	-		3.625% 2/15/44	2,647,000	2,427,899
U.S. Treasury Bonds:			3.75% 8/15/41	45,000	42,678
1.125% 5/15/40	2,921,000	1,828,135	3.75% 11/15/43	1,120,000	1,049,737
1.125% 8/15/40	331,000	205,556	3.875% 8/15/40	52,000	50,724
1.25% 5/15/50	2,000	1,076	4% 11/15/42	180,000	176,231
1.375% 11/15/40	4,440,000	2,886,520	4% 11/15/52	1,190,000	1,196,166
1.375% 8/15/50	6,735,000	3,764,230	4.375% 2/15/38	12,000	12,564
1.625% 11/15/50	4,208,000	2,517,501	4.375% 11/15/39	24,000	25,025
1.75% 8/15/41	3,170,000	2,169,345	4.375% 5/15/41	32,000 92,000	33,150
1.875% 2/15/41	5,825,000	4,117,092	4.5% 5/15/38 4.5% 8/15/39	17,000 17,000	97,714 18,026
1.875% 2/15/51	2,014,000	1,279,991	4.75% 2/15/41	48,000	52,189
1.875% 11/15/51	3,115,000	1,972,914	5.5% 8/15/28	4,000	4,279
2% 11/15/41	1,418,000	1,012,485	U.S. Treasury Notes:	4,000	7,277
2% 2/15/50	287,000	190,483	0.125% 1/31/23	93,000	92,720
2% 8/15/51	1,564,000	1,024,053	0.125% 2/28/23	88,000	87,413
2.25% 5/15/41	280,000	210,492	0.125% 3/31/23	16,000	15,836
2.25% 8/15/46	110,000	77,846	0.125% 4/30/23	1,000	986
2.25% 8/15/49	129,000	91,217	0.125% 5/15/23	6,000	5,901
2.25% 2/15/52	1,201,000	835,164	0.125% 7/15/23	4,000	3,903
2.375% 2/15/42	780,000	595,812	0.125% 10/15/23	8,000	7,718
2.375% 5/15/51	2,575,000	1,847,361	0.125% 12/15/23	7,000	6,706
2.5% 2/15/45	18,000	13,551	0.125% 1/15/24	8,000	7,628
2.5% 2/15/46	112,000	83,799	0.25% 6/15/23	3,000	2,942
2.5% 5/15/46	93,000	69,376	0.25% 5/15/24	524,000	493,195
2.75% 8/15/42	197,000	158,393	0.25% 5/31/25	3,034,000	2,754,303
2.75% 11/15/42	587,000	470,517	0.25% 6/30/25	635,000	575,246
2.75% 8/15/47	51,000	39,996	0.25% 7/31/25	45,000	40,607
2.75% 11/15/47	107,000	83,914	0.25% 8/31/25	154,000	138,480
2.875% 5/15/43	20,000	16,324	0.25% 9/30/25	13,103,000	11,765,061
2.875% 8/15/45 2.875% 5/15/49	156,000	125,604 808	0.25% 10/31/25	1,394,000	1,246,486
2.875% 5/15/52	1,000 1,460,000	1,175,071	0.375% 10/31/23	9,000	8,679
3% 5/15/42	89,000	74,830	0.375% 4/15/24	2,669,000	2,525,541
3% 11/15/44	299,000	246,768	0.375% 7/15/24	120,000	112,411
3% 5/15/45	4,000	3,295	0.375% 8/15/24	1,798,000	1,679,725
3% 11/15/45	224,000	184,258	0.375% 4/30/25	1,297,000	1,183,715
3% 2/15/47	49,000	40,109	0.375% 1/31/26	1,602,000	1,425,342
3% 5/15/47	48,000	39,266	0.375% 7/31/27	509,000	431,815
3% 2/15/48	87,000	71,642	0.375% 9/30/27	1,151,000	970,347
3% 8/15/48	3,000	2,474	0.5% 2/28/26	9,118,000	8,124,637
3% 2/15/49	134,000	110,907	0.5% 4/30/27	718,000	618,237
3% 8/15/52	3,850,000	3,190,504	0.5% 5/31/27	3,333,000	2,857,527
3.125% 11/15/41	113,000	97,643	0.5% 6/30/27	2,827,000	2,418,189
3.125% 2/15/42	65,000	56,009	0.5% 10/31/27 0.425% 7/31/24	3,232,000	2,733,691
3.125% 2/15/43	838,000	714,919	0.625% 7/31/26	5,694,000	5,031,405
3.125% 8/15/44	687,000	580,488	0.625% 3/31/27 0.625% 11/30/27	2,260,000 1,680,000	1,961,080 1,426,556
3.125% 5/15/48	29,000	24,372	0.625% 12/31/27	4,050,000	3,430,951
3.25% 5/15/42	690,000	604,936	0.625% 5/15/30	2,549,000	2,017,394
3.375% 8/15/42	5,190,000	4,638,563	0.625% 8/15/30	360,000	283,373
3.375% 5/15/44	1,976,000	1,742,353	0.75% 11/15/24	3,110,000	2,902,748
3.375% 11/15/48	157,000	139,146	3.7 370 11/13/21	0,110,000	2,702,770

Phicago Phic	U.S. Government and Government	nent Agency		U.S. Government and Gover	nment Agency	У	
U.S. Insury Nuter:unitused U.S. Insury Nuter:unitused U.S. Insury Nuter:	Obligations – continued		Value (\$)	Obligations – continued		Value (\$)	
0.75% A;207.25 23.00 2.095.29 2.25% 10/31/24 2.79.00 26.75/11 0.75% A;207.25 78.100 89.81 2.25% 12/31/24 18.000 18.33 0.75% A;207.25 12.450.00 1.13.1/34 2.25% 17/15/71 38.000 36.570 0.875% 13/124 19.000 911.31 2.25% 11/15/27 462.000 46.800 18 17/7/44 18.100 15.06.85 2.375% 12/92 48.000 38.324 18 7/3/128 1.229.000 11.04.468 2.375% 4/30/24 445.000 38.254 18 7/3/128 1.229.000 1.04.468 2.375% 4/30/24 445.000 38.254 1.125% 1/3/27 1.800 1.44.468 2.375% 5/15/27 48.000 83.17 1.125% 1/3/3/24 2.400.000 2.23.230 2.375% 5/15/27 18.000 93.17 1.125% 1/3/3/24 1.400.00 2.32.230 2.375% 5/15/24 4.800.00 2.08.24 1.125% 1/3/3/24 1.400.00 2.32.230 2.35% 5/15/24 4.20.00 2.00.53 1.125% 1/3/3/24	U.S. Treasury Obligations — continued			U.S. Treasury Obligations — continued			
0.794 \$4,301/26 0.795 \$1,310/2	U.S. Treasury Notes: — continued			U.S. Treasury Notes: — continued			
0.758 31 726 0.131 746 0.00	0.75% 3/31/26	2,331,000	2,089,250		279,000		
9.75% 33/28 90,000 83,331 2.25% 5/15/72 83,900 99,11,00 258,852 115/75/74 1.410,000 1.566,859 2.375% 2/75/74 390,000 333,254 1125% 11/5/74 1.220 100 1.046,869 2.375% 2/75/74 390,000 332,547 1125% 11/5/75 1.840,000 1.700,226 2.375% 2/75/77 44,000 4.28		961,000	859,081	·			
0.875 7.1974							
1817/15/24 1.1258 1/15/25 1.1269 1/1							
1875/18/28							
11255 1/3/126							
11255 1/28/27 1258 1/28/27 1258 2/28/28 1000 2.644.215 1258 8/31/28 110.000 9.93.21 1258 8/31/28 110.000 9.93.21 1258 8/31/28 110.000 9.93.21 1258 8/31/28 110.000 9.93.21 1258 8/31/28 11258 1/31/28 1258 8/31/28 1258 1/31/28 12							
1125% 2738 72 1025% 2739 72 1025% 2739 72 1025% 2739 72 1025% 273174 1025% 2739 72 1025% 273174							
11255 1/797/28 11258 1/797/28 110.000 11.939 421 1258 1/31/24 11.923,000 11.829,455 12.958 1/31/25 12.958 1/31/26 12.958 1/31/26 12.958 1/31/26 12.958 1/31/26 12.958 1/31/26 12.958 1/31/26 12.958 1/31/28 12.958 1/31/	·						
1,125% (3/1/28							
1258 1/3 /24							
1258 1/23 1/26							
128% 4/30/28							
125% 4/30/28				• •			
125% 6/30/28							
125% 9/30/28							
1258 1.573 1.58 1.574 0.00 1.534 5.574 0.00 1.375 1.375 1.386 0.00 1.375 1.375 1.386 0.00 1.375 1.375 1.386 0.00 1.375 1.375 1.375 1.386 0.00 1.375 1.37							
1,375 1,371/25							
1.375% 10/31/28 580,000 506,635 2.75% 4/30/25 113,000 108,860 1.5% 1715/73 2.000 1,999 2.75% 4/30/27 2.550,000 2.416,523 1.5% 19/31/24 1,783,000 1,693,084 2.75% 7/31/27 2.460,000 2.237,487 1.5% 10/31/24 2.714,000 2.571,409 2.75% 2/15/28 363,000 341,319 1.5% 11/30/24 2.519,000 2.383,604 2.75% 7/31/27 500,000 2.426,000 1.55% 17/50/24 2.519,000 2.383,604 2.75% 7/31/29 500,000 472,403 1.5% 15/52 1.400,000 1.393,166 2.75% 8/15/32 13,266,000 12,080,351 1.5% 15/31/7 5.287,000 477,3376 2.875% 11/30/28 1.600 2.2875% 5/31/25 1.400,000 1.592,213 1.5% 15/32 1.5% 10/30/26 1.690,000 947,423 2.875% 5/31/28 216,000 233,808 1.5% 2/15/26 2.610,000 244,344 2.875% 5/15/32 2.630,000 2.423,709 1.625% 2/15/26 2.610,000 244,973 3.66/30/24 3.500,000 3.416,191 1.625% 2/15/26 2.610,000 244,973 3.66/30/24 3.500,000 3.416,191 1.625% 10/31/26 457,000 417,137 3.879/30/25 148,000 143,051 1.625% 11/30/26 180,000 164,145 3.8713/25 130,000 143,051 1.625% 11/30/26 180,000 144,145 3.8713/27 2.700,000 2.43,848 1.625% 11/30/26 180,000 164,145 3.8713/27 2.710,000 2.606,470 1.625% 5/15/31 2.280,000 14,145 3.8713/27 2.710,000 2.606,470 1.625% 5/15/31 2.280,000 14,145 3.8713/29 2.180,000 2.496,552 1.75% 6/30/24 805,000 771,416 3.125% 8/31/29 2.180,000 2.985,552 1.75% 6/30/24 2.907,000 2.780,644 3.25% 6/30/27 1.720,000 1.63,092 1.75% 12/31/24 2.907,000 2.780,647 3.25% 6/30/27 1.720,000 1.63,092 1.75% 12/31/24 2.907,000 2.780,647 3.25% 6/30/27 1.720,000 1.63,092 1.75% 12/31/24 2.907,000 2.780,647 3.875% 11/30/27 1.800,000 1.829,393 1.875% 7/31/24 2.907,000 2.780,647 3.875% 11/30/27 1.800,000 1.829,393 1.875% 7/31/24 2.907,000 2.780,655 3.875% 11/30/27 1.800,000 1.829,393 1.875% 7/31/24 2.907,000 2.780,							
1.375% 10/31/28							
1.5% 1/5/23 2,000 1,999 2,75% 4/30/27 2,550,000 2,416,523 1.5% 9/30/24 1,783,000 1,693,084 2,75% 7/31/27 2,460,000 2,327,487 1.5% 10/31/24 2,714,000 2,571,409 2,75% 7/51/28 363,000 341,319 1.5% 1/5/26 2,519,000 2,383,604 2,75% 8/15/32 13,266,000 12,083,51 1.5% 1/5/26 557,000 507,697 2,875% 1/3/25 144,000 13,93,16 1.5% 1/31/27 5,287,000 4,713,376 2,875% 5/15/28 216,000 23,808 1.5% 1/30/28 1,091,000 947,423 2,875% 5/15/28 216,000 23,808 1.5% 2/5/20 876,000 746,516 2,875% 5/15/28 113,000 106,410 1.625% 5/15/26 264,000 241,384 2,875% 5/15/28 113,000 106,410 1.625% 5/15/26 264,000 241,384 2,875% 5/15/28 113,000 106,410 1.625% 5/15/26 264,000 241,384 2,875% 5/15/28 13,000 2,43,709 1.625% 5							
1.5% 7/30/24 1,783,000 1,683,084 2,75x 7/31/27 2,460,000 2,327,487 1.5% 10/31/24 2,714,000 2,571,409 2,75% 2/15/25 363,000 347,403 1.5% 17/30/24 2,519,000 2,383,604 2,75% 5/31/29 530,000 497,403 1.5% 2/15/25 1,480,000 1,393,166 2,75% 8/15/32 13,266,000 12,080,351 1.5% 15/1/26 557,000 507,697 2,875% 5/15/32 13,266,000 4,918 1.5% 11/30/28 1,091,000 4,773,376 2,875% 5/15/28 216,000 203,808 1.5% 15/15/26 261,000 241,384 2,875% 5/15/32 113,000 164,10 1.625% 5/15/26 261,000 242,373 3,66/30/24 3,500,000 242,373 1.625% 10/31/26 264,000 242,973 3,6/30/24 3,500,000 243,848 1.625% 10/31/26 457,000 417,137 38,9/30/25 148,000 143,051 1.625% 10/31/26 150,000 154,145 38,10/31/25 130,000 125,552 1.6							
1.5% 10/31/24 2,714,000 2,571,409 2,75% 2/15/28 363,000 341,319 1.5% 11/30/24 2,519,000 2,383,604 2,75% 5/31/29 530,000 472,403 1.5% 21/5/25 1,480,000 1,393,166 2,75% 5/31/25 13,266,000 12,080,331 1.5% 1/5/26 557,000 507,697 2,875% 11/30/23 5,000 4,918 1.5% 1/3/1/27 5,287,000 4,773,376 2,875% 5/31/25 144,000 139,213 1.5% 1/5/30 876,000 746,516 2,875% 5/15/28 216,000 203,881 1.625% 2/15/26 261,000 241,384 2,875% 5/15/28 113,000 106,410 1.625% 5/15/26 261,000 242,373 3,6730/24 3,500,000 2,423,709 1.625% 5/15/26 24,000 242,973 3,6730/24 3,500,000 3,416,191 1.625% 5/15/26 24,000 242,973 3,6730/24 3,500,000 3,416,191 1.625% 5/15/26 450,000 147,137 3,8730/25 148,000 143,561 1.625% 10/31/26							
1.5% 1/30/24 2,519,000 2,383,604 2,75% 5/31/29 530,000 492,403 1.5% 2/15/25 1,480,000 1,393,166 2,75% 8/15/32 13,266,000 12,083,351 1.5% 1/5/26 557,000 507,897 2,875% 1/13/0/23 5,000 4,918 1.5% 1/31/27 5,287,000 4,773,376 2,875% 5/15/25 144,000 139,213 1.5% 1/15/30 1,091,000 947,423 2,875% 5/15/28 216,000 203,808 1.625% 2/15/26 261,000 241,384 2,875% 5/15/32 2,630,000 2,423,709 1.625% 9/30/26 263,000 242,373 3% 6/30/24 3,500,000 3,416,191 1.625% 9/30/26 653,000 597,444 3% 7/31/24 250,000 2,43,848 1.625% 9/30/26 653,000 597,444 3% 10/31/25 180,000 143,051 1.625% 8/15/29 66,000 57,273 3,125% 1/15/28 130,000 125,552 1.625% 8/15/31 2,280,000 1,917,427 3,125% 1/15/28 940,000 896,562 1.75%							
1.5% 2/15/25 1,480,000 1,393,166 2.75% 8/15/32 13,266,000 12,080,351 1.5% 1/31/27 5287,000 4,713,376 2.875% 11/30/23 5,000 4,918 1.5% 1/31/27 5,287,000 4,713,376 2.875% 5/15/28 114,000 139,213 1.5% 1/30/28 1,091,000 744,423 2.875% 5/15/28 116,000 203,808 1.525% 2/15/26 261,000 244,516 2.875% 8/15/28 113,000 106,410 1.625% 2/15/26 264,000 242,973 3% 6/30/24 3,500,000 3,416,191 1.625% 9/30/26 653,000 597,444 3% 7/31/24 250,000 243,848 1.625% 11/30/26 457,000 417,137 3% 9/30/25 148,000 143,051 1.625% 11/30/26 180,000 164,145 3% 10/31/25 130,000 125,552 1.625% 11/30/29 66,000 57,273 3.125% 8/31/27 2,710,000 2,66,470 1.625% 5/15/31 2,800,000 771,416 3.125% 8/31/29 2,180,000 2,96,470 1.75%							
1.5% 8/15/26 557,000 507,697 2.875% 11/30/23 5,000 4,918 1.5% 1/31/27 5,287,000 4,773,376 2.875% 5/31/25 144,000 203,808 1.5% 1/30/28 1,091,000 947,423 2.875% 5/15/28 216,000 203,808 1.5% 2/15/30 876,000 746,516 2.875% 8/15/28 113,000 106,410 1.625% 2/15/26 261,000 241,384 2.875% 5/15/32 2,630,000 2,423,709 1.625% 5/15/26 264,000 242,973 3% 6/30/24 3,500,000 3,416,191 1.625% 5/15/26 264,000 597,444 3% 7/31/24 250,000 243,848 1.625% 10/31/26 457,000 417,137 3% 9/30/25 148,000 143,051 1.625% 11/30/26 457,000 417,137 3% 19/31/25 130,000 125,552 1.625% 11/30/26 180,000 1917,427 3.125% 8/31/25 130,000 125,552 1.625% 5/15/31 2,280,000 1917,427 3.125% 8/31/29 2,180,000 296,562 1.75% 6/30/24							
1.5% 1/31/27 5,287,000 4,773,376 2.875% 5/31/25 144,000 139,213 1.5% 1/1/30/28 1,091,000 947,423 2.875% 5/15/28 216,000 203,808 1.5% 2/15/30 876,000 746,516 2.875% 5/15/28 113,000 106,410 1.625% 5/15/26 261,000 241,384 2.875% 5/15/32 2,630,000 2,423,709 1.625% 5/15/26 264,000 242,973 3% 6/30/24 3,500,000 3,416,191 1.625% 10/31/26 457,000 417,137 3% 7/31/24 250,000 243,848 1.625% 10/31/26 457,000 417,137 3% 7/31/25 180,000 143,051 1.625% 11/30/26 180,000 164,145 3% 10/31/25 130,000 125,552 1.625% 8/15/29 66,000 57,273 3.125% 8/31/27 2,710,000 2,606,470 1.525% 5/15/31 2,280,000 1,917,427 3.125% 8/31/29 2,100,000 2,865,632 1.75% 7/31/24 2,907,000 2,780,614 3.125% 8/31/29 2,100,000 2,865,632							
1.5% 11/30/28 1,091,000 947,423 2.875% 5/15/28 216,000 203,808 1.5% 2/15/26 261,000 746,516 2.875% 8/15/28 113,000 106,410 1.625% 2/15/26 261,000 241,384 2.875% 5/15/32 2,630,000 2,423,709 1.625% 5/15/26 264,000 242,973 3% 6/30/24 3,500,000 3,416,191 1.625% 9/30/26 653,000 597,444 3% 7/31/24 250,000 243,848 1.625% 10/31/26 457,000 417,137 3% 9/30/25 148,000 143,051 1.625% 8/15/29 66,000 57,273 3,125% 8/31/27 2,710,000 2,664,70 1.625% 8/15/31 2,280,000 1,917,427 3,125% 8/31/29 2,180,000 2,665,52 1.75% 6/30/24 805,000 771,416 3,125% 8/31/29 2,180,000 2,665,52 1.75% 12/31/24 2,907,000 2,780,614 3,25% 8/31/29 2,180,000 4,865,537 1.75% 12/31/24 2,363,000 2,243,004 3,25% 6/30/29 100,000 9,5652							
1.5% 2/15/30 876,000 746,516 2.875% 8/15/28 113,000 106,410 1.625% 2/15/26 261,000 241,384 2.875% 5/15/32 2,630,000 2,423,709 1.625% 5/15/26 264,000 242,973 3% 6/30/24 3,500,000 3,416,191 1.625% 5/15/26 653,000 597,444 3% 7/31/24 250,000 243,848 1.625% 10/31/26 457,000 417,137 3% 9/30/25 148,000 143,051 1.625% 11/30/26 180,000 164,145 3% 10/31/25 130,000 255,522 1.625% 8/15/29 66,000 57,273 3.125% 8/31/27 2,710,000 2,606,470 1.625% 5/15/31 2,280,000 1,917,427 3,125% 8/31/27 2,180,000 2,606,470 1.75% 6/30/24 805,000 771,416 3,125% 8/31/29 2,180,000 2,069,552 1.75% 12/31/24 2,907,000 2,780,614 3,25% 8/31/24 4,960,000 4,856,537 1.75% 12/31/24 2,907,000 2,780,614 3,25% 8/31/24 4,960,000 9,552							
1.625% 2/15/26 261,000 241,384 2.875% 5/15/32 2,630,000 2,423,709 1.625% 5/15/26 264,000 242,973 3% 6/30/24 3,500,000 3,416,191 1.625% 9/30/26 653,000 597,444 3% 7/31/24 250,000 243,848 1.625% 10/31/26 180,000 417,137 3% 9/30/25 130,000 125,552 1.625% 8/15/29 66,000 57,273 3.125% 8/31/27 2,710,000 2,606,470 1.625% 5/15/31 2,280,000 1,917,477 3,125% 8/31/27 2,710,000 2,606,470 1.75% 6/30/24 805,000 771,416 3,125% 8/31/29 2,180,000 2,695,552 1.75% 7/31/24 2,907,000 2,780,614 3,25% 8/31/24 4,960,000 4,856,537 1.75% 12/31/26 527,000 482,473 3,25% 6/30/27 1,720,000 2,930,000 1.875% 7/31/26 581,000 510,327 3,5% 7/5/25 2,990,000 2,930,200 1.875% 7/31/26 589,000 546,459 3,875% 11/30/27 1,840,000 1,829,338 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>							
1.625% 5/15/26 264,000 242,773 3% 6/30/24 3,500,000 3,416,191 1.625% 9/30/26 653,000 597,444 3% 7/31/24 250,000 243,848 1.625% 10/31/26 457,000 417,137 3% 9/30/25 148,000 143,051 1.625% 11/30/26 180,000 164,145 3% 10/31/25 130,000 125,552 1.625% 8/15/29 66,000 57,273 3.125% 8/31/27 2,710,000 2,664,70 1.625% 5/15/31 2,280,000 1,917,427 3.125% 8/31/29 2,180,000 2,669,552 1.75% 6/30/24 805,000 771,416 3.125% 8/31/29 2,180,000 2,669,552 1.75% 7/31/24 2,907,000 2,780,614 3.25% 8/31/24 4,960,000 4,856,537 1.75% 12/31/26 527,000 482,473 3.25% 6/30/27 1,720,000 1,663,092 1.75% 13/31/29 581,000 510,327 3.5% 9/15/25 2,990,000 2,930,200 1.875% 2/28/29 581,000 510,327 3.875% 11/30/27 1,840,000 1,829,38							
1.625% 9/30/26 653,000 597,444 3% //31/24 250,000 243,848 1.625% 10/31/26 457,000 417,137 3% 9/30/25 148,000 143,051 1.625% 11/30/26 180,000 164,145 3% 10/31/25 130,000 125,552 1.625% 8/15/29 66,000 57,273 3.125% 8/31/27 2,710,000 2,606,470 1.625% 5/15/31 2,280,000 1,917,427 3.125% 8/31/29 2,180,000 2,606,470 1.75% 6/30/24 805,000 771,416 3.125% 8/31/29 2,180,000 2,606,552 1.75% 7/31/24 2,907,000 2,780,614 3.25% 8/31/24 4,960,000 4,856,537 1.75% 12/31/26 527,000 482,473 3.25% 6/30/27 17,20,000 1,663,092 1.75% 1/31/29 581,000 510,327 3.875% 11/30/29 100,000 9,5695 1.875% 6/30/26 589,000 546,459 3.875% 11/30/29 1,840,000 1,829,938 1.875% 2/28/29 230,000 203,685 3.875% 11/30/29 1,360,000 1,350,863							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	·						
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$				·			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	· ·			, ,			
$\begin{array}{cccccccccccccccccccccccccccccccccccc$							
1.875% 6/30/26 589,000 546,459 3.875% 11/30/27 1,840,000 1,829,938 1.875% 7/31/26 909,000 840,683 3.875% 9/30/29 2,240,000 2,224,163 1.875% 2/28/29 230,000 203,685 3.875% 11/30/29 1,360,000 1,350,863 2% 5/31/24 442,000 425,857 4% 10/31/29 1,950,000 1,950,609 2% 2/15/25 82,000 78,022 4.125% 9/30/27 4,180,000 4,195,675 2% 8/15/25 50,000 47,213 4.125% 10/31/27 3,550,000 3,563,035 2% 11/15/26 25,000 23,114 4.125% 11/15/32 1,570,000 1,602,136 2.125% 5/15/25 13,000 12,354 4.25% 9/30/24 2,490,000 2,477,258 2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080							
1.875% 7/31/26 909,000 840,683 3.875% 9/30/29 2,240,000 2,224,163 1.875% 2/28/29 230,000 203,685 3.875% 11/30/29 1,360,000 1,350,863 2% 5/31/24 442,000 425,857 4% 10/31/29 1,950,000 1,950,609 2% 8/15/25 82,000 78,022 4.125% 9/30/27 4,180,000 4,195,675 2% 8/15/25 50,000 47,213 4.125% 10/31/27 3,550,000 3,563,035 2% 11/15/26 25,000 23,114 4.125% 11/15/32 1,570,000 1,602,136 2.125% 5/15/25 13,000 12,354 4.25% 9/30/24 2,490,000 2,477,258 2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080							
1.875% 2/28/29 230,000 203,685 3.875% 11/30/29 1,360,000 1,350,863 2% 5/31/24 442,000 425,857 4% 10/31/29 1,950,000 1,950,609 2% 2/15/25 82,000 78,022 4.125% 9/30/27 4,180,000 4,195,675 2% 8/15/25 50,000 47,213 4.125% 10/31/27 3,550,000 3,563,035 2% 11/15/26 25,000 23,114 4.125% 11/15/32 1,570,000 1,602,136 2.125% 5/15/25 13,000 12,354 4.25% 9/30/24 2,490,000 2,477,258 2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080							
2% 5/31/24 442,000 425,857 4% 10/31/29 1,950,000 1,950,609 2% 2/15/25 82,000 78,022 4.125% 9/30/27 4,180,000 4,195,675 2% 8/15/25 50,000 47,213 4.125% 10/31/27 3,550,000 3,563,035 2% 11/15/26 25,000 23,114 4.125% 11/15/32 1,570,000 1,602,136 2.125% 5/15/25 13,000 12,354 4.25% 9/30/24 2,490,000 2,477,258 2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080							
2% 2/15/25 82,000 78,022 4.125% 9/30/27 4,180,000 4,195,675 2% 8/15/25 50,000 47,213 4.125% 10/31/27 3,550,000 3,563,035 2% 11/15/26 25,000 23,114 4.125% 11/15/32 1,570,000 1,602,136 2.125% 5/15/25 13,000 12,354 4.25% 9/30/24 2,490,000 2,477,258 2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080			•				
2% 8/15/25 50,000 47,213 4.125% 10/31/27 3,550,000 3,563,035 2% 11/15/26 25,000 23,114 4.125% 11/15/32 1,570,000 1,602,136 2.125% 5/15/25 13,000 12,354 4.25% 9/30/24 2,490,000 2,477,258 2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080							
2% 11/15/26 25,000 23,114 4.125% 11/15/32 1,570,000 1,602,136 2.125% 5/15/25 13,000 12,354 4.25% 9/30/24 2,490,000 2,477,258 2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080							
2.125% 5/15/25 13,000 12,354 4.25% 9/30/24 2,490,000 2,477,258 2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080	· ·			* *			
2.25% 3/31/24 8,250,000 8,004,434 4.25% 12/31/24 840,000 837,080							
	2.25% 4/30/24	283,000	274,024	4.25% 10/15/25	2,880,000	2,877,750	

21

	Principal Amount (a)	Value (\$)
U.S. Treasury Obligations — continued		
U.S. Treasury Notes: — continued		
4.375% 10/31/24	5,460,000	5,444,430
4.5% 11/30/24	450,000	450,018
4.5% 11/15/25	2,070,000 _	2,082,452
TOTAL U.S. TREASURY OBLIGATIONS		265,575,869

(Cost \$303,149,383)	-	271,108,427
U.S. Government Agency - 27.3%	Mortgage Securit	ies –
	Principal Amount (a)	Value (\$)
Fannie Mae - 12.4%		
1.5% 10/1/36 to 12/1/51	7,458,805	6,234,822
2% 7/1/35 to 12/1/51	28,243,416	23,578,803
2.5% 1/1/27 to 3/1/52	15,747,620	13,600,648
3% 4/1/32 to 5/1/52	18,506,504	16,618,318
3.5% 2/1/27 to 10/1/52	8,615,362	8,050,211
4% 6/1/34 to 10/1/52	6,307,822	5,983,582
4.5% 10/1/39 to 11/1/52	3,522,994	3,431,033
5% 7/1/48 to 1/1/53	2,102,417	2,083,886
5.5% 5/1/44 to 11/1/52	700,959	706,734
6% 10/1/52	297,422	302,088
TOTAL FANNIE MAE	-	80,590,125
Freddie Mac - 8.6%		
1.5% 10/1/36 to 11/1/51	3,935,256	3,110,821
2% 10/1/30 to 1/1/52	22,259,980	18,529,055
2% 9/1/35	238,634	213,079
2% 11/1/35	337,362	301,445
2% 11/1/35	117,181	104,705
2.5% 4/1/27 to 6/1/52	20,423,723	17,568,739
3% 1/1/29 to 10/1/52	2,462,684	2,201,481
3% 8/1/47	29,395	26,357
3.5% 7/1/33 to 9/1/52	5,672,649	5,264,910
4% 3/1/26 to 9/1/52	4,028,616	3,835,977
4.5% 7/1/41 to 11/1/52	2,807,425	2,721,458
5% 6/1/30 to 5/1/50	1,258,772	1,257,834
5.5% 6/1/49 to 10/1/52	554,212	556,211
6% 12/1/52	99,991	101,560
TOTAL FREDDIE MAC	-	55,793,632
Ginnie Mae - 5.8%	110.104	00.044
1.5% 5/20/51	112,134	89,966
2% 3/20/51 to 5/20/52	10,005,415	8,428,136
2.5% 10/20/46 to 5/20/52	10,654,910	9,274,459
3% 7/20/42 to 11/20/52	7,852,476	7,067,601
3.5% 2/20/46 to 10/20/52	6,015,750 3,500,302	5,598,959 3 426 154
4% 4/20/47 to 10/20/52	3,599,392	3,426,154
4% 1/1/53 (e) 4.5% 1/20/47 to 11/20/52	200,000 2,441,232	189,334 2,377,977
4.5% 1/1/53 (e)	100,000	97,032
T.J/U 1/ 1/ JJ (G/	100,000	77,032

	Principal Amount (a)	Value (\$)
Ginnie Mae — continued		
5% 11/20/47 to 11/20/52	1,137,728	1,133,438
5.5% 9/20/47 to 12/20/52	236,630	238,74
5.5% 1/1/53 (e)	200,000 _	201,013
TOTAL GINNIE MAE	_	38,122,81
Uniform Mortgage Backed Securities - 0.5%		
2% 1/1/53 (e)	500,000	408,10
2% 1/1/53 (e)	800,000	652,97
2% 1/1/53 (e)	500,000	408,10
2.5% 1/1/53 (e)	300,000	254,34
3% 1/1/53 (e)	200,000	175,70
3.5% 1/1/53 (e)	200,000	181,89
4% 1/1/53 (e)	200,000	187,75
4.5% 1/1/53 (e)	200,000	192,78
5% 1/1/53 (e)	300,000	295,82
5.5% 1/1/53 (e)	300,000 _	300,89
TOTAL UNIFORM MORTGAGE BACKED SECURITIES	_	3,058,38

MORTGAGE SECURITIES
(Cost \$205,092,313)

	Principal Amount (a)	Value (\$)
Capital One Multi-Asset Execution Trust:		
Series 2019-A3 Class A3, 2.06% 8/15/28	116,000	106,101
1.39% 7/15/30	150,000	125,309
CarMax Auto Owner Trust:		
Series 2021-1 Class A3, 0.34% 12/15/25	296,826	286,934
Series 2022-3 Class A2A, 3.97% 4/15/27	330,000	323,690
Citibank Credit Card Issuance Trust Series 2018-A7		
Class A7, 3.96% 10/13/30	250,000	241,656
Ford Credit Auto Lease Trust Series 2021-A Class A3,		
0.26% 2/15/24	73,029	72,854
Ford Credit Floorplan Master Owner Trust Series		
2018-4 Class A, 4.06% 11/15/30	30,000	28,209
GM Financial Consumer Automobile Receivables Trust	074.700	0/5 040
Series 2021-1 Class A3, 0.35% 10/16/25	274,798	265,849
Hyundai Auto Receivables Trust 3.72% 11/16/26	223,000	218,481
Mercedes-Benz Auto Lease Trust Series 2021-A Class		
A3, 0.25% 1/16/24	171,439 _	169,635

 TOTAL ASSET-BACKED SECURITIES

 (Cost \$1,943,501)
 1,838,718

Commercial Mortgage Securities – 1.5%				
	Principal Amount (a)	Value (\$)		
BANK sequential payer:				
Series 2017-BNK4 Class ASB, 3.419% 5/15/50	166,889	159,689		
Series 2020-BN25 Class A5, 2.649% 1/15/63	220,000	187,416		
Series 2020-BN28 Class A4, 1.844% 3/15/63	360,000	285,721		

Commercial Mortgage Securities	– continued		Municipal Securities – 0.5%		
Common Market Gage Sectioniles	Principal Amount (a)	Value (\$)	moninipal Secondes 0.5/1	Principal Amount (a)	Value (\$)
Benchmark Mortgage Trust:			American Muni. Pwr., Inc. Rev. (Combined		
sequential payer:			Hydroelectric Proj.) Series 2010 B, 7.834%		
Series 2020-B19 Class A5, 1.85% 9/15/53	410,000	329,597	2/15/41	55,000	67,222
Series 2021-B24 Class A5, 2.5843% 3/15/54	500,000	416,304	Bay Area Toll Auth. San Francisco Bay Toll Bridge Rev.:		
Series 2019-B12 Class A5, 3.1156% 8/15/52	95,000	84,672	Series 2009 F2, 6.263% 4/1/49	75,000	85,027
Series 2019-B9 Class A5, 4.0156% 3/15/52	130,000	122,691	Series 2010 S1, 7.043% 4/1/50	75,000	92,196
Citigroup Commercial Mortgage Trust sequential payer:	·	·	California Gen. Oblig.:		
Series 2015-GC29 Class A4, 3.192% 4/10/48	80,000	75,647	Series 2009, 7.55% 4/1/39	145,000	181,487
Series 2016-C1 Class A4, 3.209% 5/10/49	90,000	83,780	Series 2010, 7.6% 11/1/40	350,000	448,405
Series 2018-B2 Class A4, 4.009% 3/10/51	1,000,000	937,992	California State Univ. Rev. Series 2021 B, 2.719%		
CSAIL Commercial Mortgage Trust sequential payer Series 2019-C17:		·	11/1/52 Chicogo O'Hare Int'l. Arpt. Rev. Series 2010 B,	195,000	131,384
Class A4, 2.7628% 9/15/52	200,000	171,255	6.395% 1/1/40	250,000	279,440
Class A5, 3.0161% 9/15/52	200,000	173,063	Dallas Area Rapid Transit Sales Tax Rev. Series 2021		101 //0
Freddie Mac:	·	·	A, 2.613% 12/1/48	200,000	131,669
sequential payer:			Dallas Fort Worth Int'l. Arpt. Rev.:	00.000	14.000
Series 2016-K057 Class A2, 2.57% 7/25/26	159,400	149,551	Series 2019 A, 3.144% 11/1/45	20,000	14,983
Series 2020-K104 Class A2, 2.253% 1/25/30	680,000	590,918	Series 2021 C, 2.843% 11/1/46	150,000	107,637
Series 2020-K116 Class A2, 1.378% 7/25/30	770,000	618,233	Series 2022 A, 4.507% 11/1/51	65,000	58,423
Series 2020-K117 Class A2, 1.406% 8/25/30	590,000	473,721	Golden State Tobacco Securitization Corp. Tobacco		
Series 2020-K118 Class A2, 1.493% 9/25/30	590,000	475,810	Settlement Rev. Series 2021 B:	00.000	(4.100
Series 2020-K121 Class A2, 1.547% 10/25/30	890,000	718,446	2.746% 6/1/34	80,000	64,199
Series 2021-K125 Class A2, 1.846% 1/25/31	100,000	82,265	3.293% 6/1/42	40,000	29,592
Series 2021-K126 Class A2, 2.074% 1/25/31	200,000	167,785	Idaho Energy Resources Auth. Series 2021, 2.861%	45,000	20 500
Series 2021-K128 Class A2, 2.02% 3/25/31	200,000	166,832	9/1/46	45,000	30,580
Series K080 Class A2, 3.926% 7/25/28	80,000	77,995	Illinois Gen. Oblig. Series 2003, 5.1% 6/1/33	500,000	479,869
Series 2017-K068 Class A2, 3.244% 8/25/27	130,000	123,629	Massachusetts School Bldg. Auth. Dedicated Sales Tax Rev. Series 2019 B, 3.395% 10/15/40	100,000	80,678
Series 2019-K094 Class A2, 2.903% 6/25/29	300,000	274,049	Massachusetts Wtr. Resources Auth. Wtr. & Swr. Rev.	100,000	00,070
Series 2019-K1510 Class A2, 3.718% 1/25/31	124,000	115,888	Series 2021 C, 2.823% 8/1/41	100,000	73,576
Series 2021-K123 Class A2, 1.621% 12/25/30	700,000	567,385	Michigan Strategic Fund Ltd. Oblig. Rev. Series 2021	100,000	70,370
Series K079 Class A2, 3.926% 6/25/28	20,000	19,512	A, 3.225% 9/1/47	100,000	72,022
GS Mortgage Securities Trust sequential payer:		,	New Jersey Trans. Trust Fund Auth. Series B:	,	,
Series 2014-GC26 Class A4, 3.364% 11/10/47	74,971	71,884	4.081% 6/15/39	80,000	66,164
Series 2020-GC45 Class A5, 2.9106% 2/13/53	260,000	223,580	4.131% 6/15/42	80,000	64,257
JPMBB Commercial Mortgage Securities Trust sequential payer:	200,000	220,000	New York Metropolitan Trans. Auth. Rev. Series 2010 A, 6.668% 11/15/39	60,000	61,973
Series 2014-C21 Class A5, 3.7748% 8/15/47	150,000	145,600	New York State Dorm. Auth. Series 2021 C, 2.202%	,	,
Series 2014-C24 Class A5, 3.6385% 11/15/47	150,000	144,226	3/15/34	200,000	152,493
JPMDB Commercial Mortgage Securities Trust	,	,===	Port Auth. of New York & New Jersey Series 225,		
sequential payer Series 2020-COR7 Class A5,			3.175% 7/15/60	400,000	258,417
2.1798% 5/13/53	500,000	399,774	Univ. of California Regents Med. Ctr. Pool Rev. Series		
Morgan Stanley Capital I Trust sequential payer Series			N:		
2020-L4 Class A3, 2.698% 2/15/53	100,000	84,456	3.006% 5/15/50	175,000	115,568
UBS Commercial Mortgage Trust sequential payer			3.256% 5/15/60	150,000	97,207
Series 2019-C16 Class A4, 3.6048% 4/15/52	350,000	317,374	Univ. of Virginia Gen. Rev. Series 2021 B, 2.584%	7.40.000	27.242
Wells Fargo Commercial Mortgage Trust:			11/1/51	140,000 _	91,240
sequential payer:	200,000	170 71 /	TOTAL MUNICIPAL SECURITIES		
Series 2019-C52 Class A5, 2.892% 8/15/52	200,000	173,716	(Cost \$4,488,749)		3,335,708
Series 2019-C54 Class A4, 3.146% 12/15/52	538,000	471,251	(655) \$ 1,100,177	-	0,000,100
Series 2018-C48 Class A5, 4.302% 1/15/52	123,000	116,880	Foreign Government and Gove	rnment Agend	Y
Wells Fargo Commercial Mtg Trust 2020-C sequential			Obligations – 2.1%		,
payer Series 2020-C55 Class A5, 2.725% 2/15/53	90,000 _	76,472		Principal Amount (a)	Value (\$)
TOTAL COMMERCIAL MORTGAGE					
SECURITIES			Alberta Province:		
(Cost \$11,942,418)	_	9,875,059	2.95% 1/23/24	110,000	107,700
			3.3% 3/15/28	75,000	71,021

Obligations – continued	Principal Amount (a)	Value (\$)		Principal Amount (a)	Value (\$)
	(u)		African Development Bank 0.875% 7/22/26	160,000	141,75
Chilean Republic:			Asian Development Bank:		
3.24% 2/6/28	200,000	185,288	0.375% 9/3/25	450,000	404,470
3.86% 6/21/47	325,000	254,373	0.75% 10/8/30	100,000	77,87
Export Development Canada:			1.5% 10/18/24	200,000	189,28
2.625% 2/21/24	120,000	116,477	1.875% 1/24/30	610,000	523,852
2.75% 3/15/23	145,000	144,449	2.625% 1/30/24	80,000	78,119
Hungarian Republic:			2.75% 3/17/23	700,000	697,291
5.375% 3/25/24	964,000	961,771	5.82% 6/16/28	110,000	117,841
5.75% 11/22/23	50,000	50,025	European Investment Bank:	110,000	117,011
Indonesian Republic:	,	,	0.75% 9/23/30	250,000	196,114
2.85% 2/14/30	200,000	178,350	0.875% 5/17/30	18,000	14,354
3.5% 2/14/50	200,000	148,538	1.375% 5/15/23	350,000	345,702
3.85% 10/15/30	348,000	326,315			
Israeli State 3.375% 1/15/50	225,000	172,793	2.25% 6/24/24	1,678,000	1,621,236
Italian Republic:	223,000	172,770	2.875% 8/15/23	260,000	257,022
2.375% 10/17/24	200,000	188,238	Inter-American Development Bank:		055.004
, ,		351,926	0.625% 7/15/25	390,000	355,029
4% 10/17/49	497,000		1.75% 3/14/25	194,000	182,906
Manitoba Province 2.6% 4/16/24	410,000	398,860	2.25% 6/18/29	1,029,000	919,186
Ontario Province:	1 410 000	1 005 070	4.375% 1/24/44	39,000	38,187
1.05% 5/21/27	1,413,000	1,225,862	International Bank for Reconstruction & Development:		
1.125% 10/7/30	175,000	137,618	0.375% 7/28/25	270,000	243,994
2.3% 6/15/26	50,000	46,389	0.5% 10/28/25	218,000	195,847
2.5% 4/27/26	115,000	107,696	0.75% 8/26/30	160,000	124,802
3.05% 1/29/24	90,000	88,265	0.875% 5/14/30	176,000	139,820
Panamanian Republic:			1.25% 2/10/31	110,000	88,776
3.16% 1/23/30	800,000	686,900	1.5% 8/28/24	1,012,000	961,125
4.5% 4/16/50	200,000	150,850	1.625% 1/15/25	155,000	146,407
6.7% 1/26/36	100,000	104,613	1.75% 4/19/23	55,000	54,526
Peruvian Republic:			1.875% 6/19/23	20,000	19,740
1.862% 12/1/32	340,000	248,158	2.5% 3/19/24	130,000	126,368
2.78% 12/1/60	100,000	58,488	2.5% 11/22/27	92,000	85,256
2.844% 6/20/30	190,000	160,704	2.5% 3/29/32	290,000	254,545
3.55% 3/10/51	170,000	120,785	3% 9/27/23	100,000	98,597
4.125% 8/25/27	50,000	47,916	International Finance Corp.:	100,000	70,377
Philippine Republic:	,	,	0.75% 8/27/30	60,000	46,750
2.65% 12/10/45	500,000	335,055	1.375% 10/16/24	1,051,000	992,465
3% 2/1/28	200,000	186,022			
5.17% 10/13/27	200,000	204,522	2.875% 7/31/23	112,000 _	110,747
Polish Government 3.25% 4/6/26	73,000	69,843	TOTAL SUPRANATIONAL OBLIGATIONS		
Quebec Province:	70,000	07,070	(Cost \$10,853,491)		9,849,987
1.5% 2/11/25	2,149,000	2,018,642	(2001 \$ 10,000,17 1)	-	7,707
	140,000	135,996	Bank Notes - 0.1%		
2.5% 4/9/24 2.75% 4/12/27	•		Builk Noics - 0.176	n !	Val Ich
2.75% 4/12/27 United Mexican States:	95,000	89,233		Principal	Value (\$)
	1 071 000	1 712 202		Amount (a)	
3.25% 4/16/30	1,971,000	1,713,292	Discover Rank 2 7% 2 /4 /30	£00 000	ላበሀ ኃላ
3.5% 2/12/34	619,000	496,748	Discover Bank 2.7% 2/6/30	500,000	400,240
4.75% 4/27/32	387,000	361,918	PNC Bank NA 3.875% 4/10/25	260,000	252,864
6.05% 1/11/40	170,000	164,985	Truist Bank 3.3% 5/15/26	200,000 _	187,07
Uruguay Republic 7.625% 3/21/36	678,000 _	858,687	TOTAL DANK NOTES		
			TOTAL BANK NOTES		040 174
TOTAL FOREIGN GOVERNMENT AND			(Cost \$971,124)	-	840,175
GOVERNMENT AGENCY OBLIGATIONS		12 475 211			

See accompanying notes which are an integral part of the financial statements.

(Cost \$16,045,447)

13,475,311

Money Market Funds – 0.4%		
	Shares	Value (\$)
Fidelity Cash Central Fund 4.37% (f) (Cost \$2,369,438)	2,368,964	2,369,438
TOTAL INVESTMENT IN SECURITIES - 100.1% (Cost \$749,641,930)		650,495,402
NET OTHER ASSETS (LIABILITIES) – (0.1)%	_	(688,029)
NET ASSETS – 100.0%		649,807,373

Legend

- (a) Amount is stated in United States dollars unless otherwise noted.
- (b) Security exempt from registration under Rule 144A of the Securities Act of 1933. These securities may be resold in transactions exempt from registration, normally to qualified institutional buyers. At the end of the period, the value of these securities amounted to \$1,797,945 or 0.3% of net assets.
- (c) Coupon rates for floating and adjustable rate securities reflect the rates in effect at period end.
- (d) Coupon is indexed to a floating interest rate which may be multiplied by a specified factor and/or subject to caps or floors.

- (e) Security or a portion of the security purchased on a delayed delivery or when-issued basis.
- (f) Affiliated fund that is generally available only to investment companies and other accounts managed by Fidelity Investments. The rate quoted is the annualized seven-day yield of the fund at period end. A complete unaudited listing of the fund's holdings as of its most recent quarter end is available upon request. In addition, each Fidelity Central Fund's financial statements, which are not covered by the Fund's Report of Independent Registered Public Accounting Firm, are available on the SEC's website or upon request.

Affiliated Central Funds

Fiscal year to date information regarding the Fund's investments in Fidelity Central Funds, including the ownership percentage, is presented below.

	Value, beginning		Sales	Dividend	Realized	Change in Unrealized appreciation (depreciation)	Value, end	% ownership, end
Affiliate	of period (\$)	Purchases (\$)	Proceeds (\$)	Income (\$)	Gain (loss) (\$)	(\$)	of period (\$)	of period
Fidelity Cash Central Fund 4.37%	1,970,432	130,264,947	129,865,941	27,256			2,369,438	0.0%
Total	1,970,432	130,264,947	129,865,941	27,256			2,369,438	

Amounts in the dividend income column in the above table include any capital gain distributions from underlying funds, which are presented in the corresponding line item in the Statement of Operations, if applicable.

Amounts included in the purchases and sales proceeds columns may include in-kind transactions, if applicable.

Investment Valuation

The following is a summary of the inputs used, as of December 31, 2022, involving the Fund's assets and liabilities carried at fair value. The inputs or methodology used for valuing securities may not be an indication of the risk associated with investing in those securities. For more information on valuation inputs, and their aggregation into the levels used below, please refer to the Investment Valuation section in the accompanying Notes to Financial Statements.

Valuation	Inputs	at Re	porting	Date:
-----------	--------	-------	---------	-------

Description Investments in Securities:	Total (\$)	Level 1 (\$)	Level 2 (\$)	Level 3 (\$)
Corporate Bonds	160,237,626	-	160,237,626	
U.S. Government and Government Agency Obligations	271,108,427	-	271,108,427	-
U.S. Government Agency - Mortgage Securities	177,564,953	-	177,564,953	-
Asset-Backed Securities	1,838,718	-	1,838,718	-
Commercial Mortgage Securities	9,875,059	-	9,875,059	-
Municipal Securities	3,335,708	-	3,335,708	-

See accompanying notes which are an integral part of the financial statements.

25 Annual Report

Valuation Inputs at Reporting Date:

Description	Total (\$)	Level 1 (\$)	Level 2 (\$)	Level 3 (\$)
Investments in Securities: - continued				
Foreign Government and Government Agency Obligations	13,475,311	-	13,475,311	-
Supranational Obligations	9,849,987	-	9,849,987	-
Bank Notes	840,175	-	840,175	-
Money Market Funds	2,369,438	2,369,438		
Total Investments in Securities:	650,495,402	2,369,438	648,125,964	

Financial Statements

Statement of Assets and Liabilities December 31, 2022 **Assets** Investment in securities, at value — See accompanying schedule: \$648,125,964 Unaffiliated issuers (cost \$747,272,492) 2,369,438 Fidelity Central Funds (cost \$2,369,438) Total Investment in Securities (cost \$749,641,930) \$ 650,495,402 Receivable for investments sold 1,182,858 Receivable for fund shares sold 903,053 Interest receivable 3,942,998 Distributions receivable from Fidelity Central Funds 5,516 Total assets 656,529,827 Liabilities Payable for investments purchased Regular delivery \$2,993,576 Delayed delivery 3,568,883 Payable for fund shares redeemed 45,344 48,668 Accrued management fee Distribution and service plan fees payable 38,807 27,038 Other affiliated payables Other payables and accrued expenses 138 **Total Liabilities** 6,722,454 **Net Assets** 649,807,373 Net Assets consist of: Paid in capital 758,194,637 Total accumulated earnings (loss) (108,387,264) **Net Assets** 649,807,373 **Net Asset Value and Maximum Offering Price Initial Class: Net Asset Value**, offering price and redemption price per share ($$461,166,180 \div 49,049,914$ shares) Service Class: **Net Asset Value**, offering price and redemption price per share ($\$3,143,789 \div 334,145$ shares) Service Class 2: \$ _____ **Net Asset Value**, offering price and redemption price per share (\$185,497,404 ÷ 19,786,897 shares)

27

Financial Statements - Continued

Statement of Operations			Year ended December 31, 2022
Investment Income			
Interest		\$	13,812,279
Income from Fidelity Central Funds			27,256
Total Income			13,839,535
Expenses			
Management fee	\$ 591,443		
Transfer agent fees	328,580		
Distribution and service plan fees	497,633		
Independent trustees' fees and expenses	 2,128		
Total expenses before reductions	1,419,784		
Expense reductions	 (398)		
Total expenses after reductions		_	1,419,386
Net Investment income (loss)		_	12,420,149
Realized and Unrealized Gain (Loss)			
Net realized gain (loss) on:			
Investment Securities:			
Unaffiliated issuers	(9,132,556)		
Total net realized gain (loss)	 		(9,132,556)
Change in net unrealized appreciation (depreciation) on investment securities			(99,058,336)
Net gain (loss)		_	(108,190,892)
Net increase (decrease) in net assets resulting from operations		\$ =	(95,770,743)

Statement of Changes in Net Assets

	Dec	Year ended December 31, 2021	
Increase (Decrease) in Net Assets			
Operations			
Net investment income (loss)	\$	12,420,149 \$	8,530,445
Net realized gain (loss)		(9,132,556)	(3,502,735)
Change in net unrealized appreciation (depreciation)		(99,058,336)	(21,927,889)
Net increase (decrease) in net assets resulting from operations		(95,770,743)	(16,900,179)
Distributions to shareholders		(10,947,690)	(6,766,346)
Share transactions - net increase (decrease)		13,082,659	(19,010,948)
Total increase (decrease) in net assets		(93,635,774)	(42,677,473)
Net Assets			
Beginning of period		743,443,147	786,120,620
End of period	\$	649,807,373 \$	743,443,147

Financial Highlights

VIP Bond Index Portfolio Initial Class 2022 2018 A Years ended December 31, 2021 2020 2019 Selected Per-Share Data Net asset value, beginning of period 11.02 \$ 11.35 10.68 \$ 10.06 10.00 Income from Investment Operations Net investment income (loss) B,C .196 .132 .283 .183 .212 Net realized and unrealized gain (loss) (1.646)(.353).621 .560 (.022).804 Total from investment operations (1.450)(.221).843 .190 Distributions from net investment income (.170)(.109)(.104)(.191)(.130)Distributions from net realized gain (.030)(.032)Total distributions (.170)(.109)(.134)(.223)(.130)9.40 Net asset value, end of period 11.02 11.35 10.68 10.06 Total Return D,E,F (13.19)% (1.95)% 7.53% 8.38% 1.90% Ratios to Average Net Assets C.G.H .14% .14% .14% .14% Expenses before reductions .14% Expenses net of fee waivers, if any .14% .14% .14% .14% .14% 1 Expenses net of all reductions .14% .14% .14% .14% .13% 1 Net investment income (loss) 1.97% 1.19% 1.63% 2.67% 3.01% 1 Supplemental Data Net assets, end of period (000 omitted) \$ 461,166 \$ 513,626 \$ 569,594 \$ 258,250 \$ 91,033 Portfolio turnover rate ^J 33% 138% 101% 81% 168%

For the period April 19, 2018 (commencement of operations) through December 31, 2018.

^B Calculated based on average shares outstanding during the period.

Net investment income (loss) is affected by the timing of the declaration of dividends by any underlying mutual funds or exchange-traded funds (ETFs). Net investment income (loss) of any mutual funds or ETFs is not included in the Fund's net investment income (loss) ratio.

Total returns for periods of less than one year are not annualized.

Total returns do not reflect charges attributable to your insurance company's separate account. Inclusion of these charges would reduce the total returns shown.

Total returns would have been lower if certain expenses had not been reduced during the applicable periods shown.

Fees and expenses of any underlying mutual funds or exchange-traded funds (ETFs) are not included in the Fund's expense ratio. The Fund indirectly bears its proportionate share of these expenses. For additional expense information related to investments in Fidelity Central Funds, please refer to the "Investments in Fidelity Central Funds" note found in the Notes to Financial Statements section of the most recent Annual or Semi-Annual report.

[#] Expense ratios reflect operating expenses of the class. Expenses before reductions do not reflect amounts reimbursed, waived, or reduced through arrangements with the investment adviser, brokerage services, or other offset arrangements, if applicable, and do not represent the amount paid by the class during periods when reimbursements, waivers or reductions occur.

Annualized.

Amount does not include the portfolio activity of any underlying mutual funds or exchange-traded funds (ETFs).

VIP Bond Index Portfolio Service Class

Years ended December 31,	:	2022		2021		2020	2019 A
Selected Per-Share Data							
Net asset value, beginning of period	\$	11.03	\$ <u>_</u>	11.37	\$_	10.67	\$ 10.33
Income from Investment Operations							
Net investment income (loss) ^{B,C}		.185		.119		.171	.197
Net realized and unrealized gain (loss)		(1.645)	_	(.352)	_	.632	.359
Total from investment operations		(1.460)	_	(.233)		.803	.556
Distributions from net investment income		(.160)		(.107)		(.073)	(.184)
Distributions from net realized gain			_		_	(.030)	(.032)
Total distributions		(.160)		(.107)		(.103)	(.216)
Net asset value, end of period	\$	9.41	\$	11.03	\$	11.37	\$ 10.67
Total Return D.E.F		(13.27)%		(2.05)%	-	7.53%	5.38%
Ratios to Average Net Assets ^{C,G,H}							
Expenses before reductions		.24%		.24%		.24%	.24%
Expenses net of fee waivers, if any		.24%		.24%		.24%	.24%
Expenses net of all reductions		.24%		.24%		.24%	.24%
Net investment income (loss)		1.87%		1.09%		1.53%	2.53%
Supplemental Data							
Net assets, end of period (000 omitted)	\$	3,144	\$	2,759	\$	550	\$ 103
Portfolio turnover rate ¹		33%		138%		101%	81%

For the period April 11, 2019 (commencement of sale of shares) through December 31, 2019.

^B Calculated based on average shares outstanding during the period.

Net investment income (loss) is affected by the timing of the declaration of dividends by any underlying mutual funds or exchange-traded funds (ETFs). Net investment income (loss) of any mutual funds or ETFs is not included in the Fund's net investment income (loss) ratio.

Total returns for periods of less than one year are not annualized.

Total returns do not reflect charges attributable to your insurance company's separate account. Inclusion of these charges would reduce the total returns shown.

Total returns would have been lower if certain expenses had not been reduced during the applicable periods shown.

Fees and expenses of any underlying mutual funds or exchange-traded funds (ETFs) are not included in the Fund's expense ratio. The Fund indirectly bears its proportionate share of these expenses. For additional expense information related to investments in Fidelity Central Funds, please refer to the "Investments in Fidelity Central Funds" note found in the Notes to Financial Statements section of the most recent Annual or Semi-Annual report.

Expense ratios reflect operating expenses of the class. Expenses before reductions do not reflect amounts reimbursed, waived, or reduced through arrangements with the investment adviser, brokerage services, or other offset arrangements, if applicable, and do not represent the amount paid by the class during periods when reimbursements, waivers or reductions occur.

Annualized.

Amount does not include the portfolio activity of any underlying mutual funds or exchange-traded funds (ETFs).

Financial Highlights - Continued

VIP Bond Index Portfolio Service	Class 2						
Years ended December 31,		2022	2021	2020	201	9	2018 A
Selected Per-Share Data							
Net asset value, beginning of period	\$	10.98	\$ 11.32	\$10.68	\$	10.06	\$ 10.00
Income from Investment Operations							
Net investment income (loss) B,C		.170	.104	.161		.262	.195
Net realized and unrealized gain (loss)		(1.636)	 (.357)	.614		.556	 (.023)
Total from investment operations		(1.466)	 (.253)	775		.818	 .172
Distributions from net investment income		(.144)	(.087)	(.105)		(.166)	(.112)
Distributions from net realized gain			 	(.030)		(.032)	 _
Total distributions	_	(.144)	 (.087)	(.135)		(.198)	 (.112)
Net asset value, end of period	\$	9.37	\$ 10.98	\$ 11.32	\$	10.68	\$ 10.06
Total Return D.E.F	_	(13.38)%	(2.24)%	7.26%		8.13%	1.72%
Ratios to Average Net Assets ^{C,G,H}							
Expenses before reductions		.39%	.39%	.37%		.39%	.39%
Expenses net of fee waivers, if any		.39%	.39%	.37%		.39%	.39%
Expenses net of all reductions		.39%	.39%	.37%		.39%	.38%
Net investment income (loss)		1.72%	.94%	1.40%		2.48%	2.76%
Supplemental Data							
Net assets, end of period (000 omitted)	\$	185,497	\$ 227,058	\$ 215,977	\$	1,167	\$ 1,006
Portfolio turnover rate ^J		33%	138%	101%		81%	168%

For the period April 19, 2018 (commencement of operations) through December 31, 2018.

^B Calculated based on average shares outstanding during the period.

Net investment income (loss) is affected by the timing of the declaration of dividends by any underlying mutual funds or exchange-traded funds (ETFs). Net investment income (loss) of any mutual funds or ETFs is not included in the Fund's net investment income (loss) ratio.

^D Total returns for periods of less than one year are not annualized.

Total returns do not reflect charges attributable to your insurance company's separate account. Inclusion of these charges would reduce the total returns shown.

Total returns would have been lower if certain expenses had not been reduced during the applicable periods shown.

Fees and expenses of any underlying mutual funds or exchange-traded funds (ETFs) are not included in the Fund's expense ratio. The Fund indirectly bears its proportionate share of these expenses. For additional expense information related to investments in Fidelity Central Funds, please refer to the "Investments in Fidelity Central Funds" note found in the Notes to Financial Statements section of the most recent Annual or Semi-Annual report.

Expense ratios reflect operating expenses of the class. Expenses before reductions do not reflect amounts reimbursed, waived, or reduced through arrangements with the investment adviser, brokerage services, or other offset arrangements, if applicable, and do not represent the amount paid by the class during periods when reimbursements, waivers or reductions occur.

Annualized.

Amount does not include the portfolio activity of any underlying mutual funds or exchange-traded funds (ETFs).

Notes to Financial Statements

For the period ended December 31, 2022

1. Organization.

VIP Bond Index Portfolio (the Fund) is a fund of Variable Insurance Products Fund V (the Trust) and is authorized to issue an unlimited number of shares. The Trust is registered under the Investment Company Act of 1940, as amended (the 1940 Act), as an open-end management investment company organized as a Massachusetts business trust. Shares of the Fund may only be purchased by insurance companies for the purpose of funding variable annuity or variable life insurance contracts. The Fund offers the following classes of shares: Initial Class shares, Service Class shares, and Service Class 2 shares. All classes have equal rights and voting privileges, except for matters affecting a single class.

2. Investments in Fidelity Central Funds.

Funds may invest in Fidelity Central Funds, which are open-end investment companies generally available only to other investment companies and accounts managed by the investment adviser and its affiliates. The Schedule of Investments lists any Fidelity Central Funds held as an investment as of period end, but does not include the underlying holdings of each Fidelity Central Fund. An investing fund indirectly bears its proportionate share of the expenses of the underlying Fidelity Central Funds.

Based on its investment objective, each Fidelity Central Fund may invest or participate in various investment vehicles or strategies that are similar to those of the investing fund. These strategies are consistent with the investment objectives of the investing fund and may involve certain economic risks which may cause a decline in value of each of the Fidelity Central Funds and thus a decline in the value of the investing fund.

Fidelity Central Fund	Investment Manager	Investment Objective	Investment Practices	Expense Ratio [∆]
Fidelity Money Market Central Funds	Fidelity Management & Research Company	Each fund seeks to obtain a high level of	Short-term Investments	Less than .005%
	LLC (FMR)	current income consistent with the preservati	ion	
		of capital and liquidity.		

A Expenses expressed as a percentage of average net assets and are as of each underlying Central Fund's most recent annual or semi-annual shareholder report.

A complete unaudited list of holdings for each Fidelity Central Fund is available upon request or at the Securities and Exchange Commission website at www.sec.gov. In addition, the financial statements of the Fidelity Central Funds which contain the significant accounting policies (including investment valuation policies) of those funds, and are not covered by the Report of Independent Registered Public Accounting Firm, are available on the Securities and Exchange Commission website or upon request.

3. Significant Accounting Policies.

The Fund is an investment company and applies the accounting and reporting guidance of the Financial Accounting Standards Board (FASB) Accounting Standards Codification Topic 946 *Financial Services - Investment Companies*. The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP), which require management to make certain estimates and assumptions at the date of the financial statements. Actual results could differ from those estimates. Subsequent events, if any, through the date that the financial statements were issued have been evaluated in the preparation of the financial statements. The Fund's Schedule of Investments lists any underlying mutual funds or exchange-traded funds (ETFs) but does not include the underlying holdings of these funds. The following summarizes the significant accounting policies of the Fund:

Investment Valuation. Investments are valued as of 4:00 p.m. Eastern time on the last calendar day of the period. The Board of Trustees (the Board) has designated the Fund's investment adviser as the valuation designee responsible for the fair valuation function and performing fair value determinations as needed. The investment adviser has established a Fair Value Committee (the Committee) to carry out the day-to-day fair valuation responsibilities and has adopted policies and procedures to govern the fair valuation process and the activities of the Committee. In accordance with these fair valuation policies and procedures, which have been approved by the Board, the Fund attempts to obtain prices from one or more third party pricing services or brokers to value its investments. When current market prices, quotations or currency exchange rates are not readily available or reliable, investments will be fair valued in good faith by the Committee, in accordance with the policies and procedures. Factors used in determining fair value vary by investment type and may include market or investment specific events, transaction data, estimated cash flows, and market observations of comparable investments. The frequency that the fair valuation procedures are used cannot be predicted and they may be utilized to a significant extent. The Committee manages the Fund's fair valuation practices and maintains the fair valuation policies and procedures. The Fund's investment adviser reports to the Board information regarding the fair valuation process and related material matters.

The Fund categorizes the inputs to valuation techniques used to value its investments into a disclosure hierarchy consisting of three levels as shown below:

- Level 1 unadjusted quoted prices in active markets for identical investments
- Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, etc.)
- Level 3 unobservable inputs (including the Fund's own assumptions based on the best information available)

Valuation techniques used to value the Fund's investments by major category are as follows:

Annual Report

Notes to Financial Statements - continued

Debt securities, including restricted securities, are valued based on evaluated prices received from third party pricing services or from brokers who make markets in such securities. Corporate bonds, bank notes, foreign government and government agency obligations, municipal securities, supranational obligations and U.S. government and government agency obligations are valued by pricing services who utilize matrix pricing which considers yield or price of bonds of comparable quality, coupon, maturity and type or by broker-supplied prices. Asset backed securities, commercial mortgage securities and U.S. government agency mortgage securities are valued by pricing services who utilize matrix pricing which considers prepayment speed assumptions, attributes of the collateral, yield or price of bonds of comparable quality, coupon, maturity and type or by broker-supplied prices. When independent prices are unavailable or unreliable, debt securities may be valued utilizing pricing methodologies which consider similar factors that would be used by third party pricing services. Debt securities are generally categorized as Level 2 in the hierarchy but may be Level 3 depending on the circumstances.

Investments in open-end mutual funds, including the Fidelity Central Funds, are valued at their closing net asset value (NAV) each business day and are categorized as Level 1 in the hierarchy.

Changes in valuation techniques may result in transfers in or out of an assigned level within the disclosure hierarchy. The aggregate value of investments by input level as of December 31, 2022 is included at the end of the Fund's Schedule of Investments.

Investment Transactions and Income. For financial reporting purposes, the Fund's investment holdings and NAV include trades executed through the end of the last business day of the period. The NAV per share for processing shareholder transactions is calculated as of the close of business of the New York Stock Exchange (NYSE), normally 4:00 p.m. Eastern time and includes trades executed through the end of the prior business day. Gains and losses on securities sold are determined on the basis of identified cost and include proceeds received from litigation. Income and capital gain distributions from Fidelity Central Funds, if any, are recorded on the ex-dividend date. Interest income is accrued as earned and includes coupon interest and amortization of premium and accretion of discount on debt securities as applicable. Debt obligations may be placed on non-accrual status and related interest income may be reduced by ceasing current accruals and writing off interest receivables when the collection of all or a portion of interest has become doubtful based on consistently applied procedures. A debt obligation is removed from non-accrual status when the issuer resumes interest payments or when collectability of interest is reasonably assured.

Class Allocations and Expenses. Investment income, realized and unrealized capital gains and losses, common expenses of a fund, and certain fund-level expense reductions, if any, are allocated daily on a pro-rata basis to each class based on the relative net assets of each class to the total net assets of a fund. Each class differs with respect to transfer agent and distribution and service plan fees incurred, as applicable. Certain expense reductions may also differ by class, if applicable. For the reporting period, the allocated portion of income and expenses to each class as a percent of its average net assets may vary due to the timing of recording these transactions in relation to fluctuating net assets of the classes. Expenses directly attributable to a fund are charged to that fund. Expenses attributable to more than one fund are allocated among the respective funds on the basis of relative net assets or other appropriate methods. Expenses included in the accompanying financial statements reflect the expenses of that fund and do not include any expenses associated with any underlying mutual funds or exchange-traded funds. Although not included in a fund's expenses, a fund indirectly bears its proportionate share of these expenses through the net asset value of each underlying mutual fund or exchange-traded fund. Expense estimates are accrued in the period to which they relate and adjustments are made when actual amounts are known.

Income Tax Information and Distributions to Shareholders. Each year, the Fund intends to qualify as a regulated investment company under Subchapter M of the Internal Revenue Code, including distributing substantially all of its taxable income and realized gains. As a result, no provision for U.S. Federal income taxes is required. As of December 31, 2022, the Fund did not have any unrecognized tax benefits in the financial statements; nor is the Fund aware of any tax positions for which it is reasonably possible that the total amounts of unrecognized tax benefits will significantly change in the next twelve months. The Fund files a U.S. federal tax return, in addition to state and local tax returns as required. The Fund's federal income tax returns are subject to examination by the Internal Revenue Service (IRS) for a period of three fiscal years after they are filed. State and local tax returns may be subject to examination for an additional fiscal year depending on the jurisdiction.

Distributions are declared and recorded on the ex-dividend date. Income and capital gain distributions are declared separately for each class. Income and capital gain distributions are determined in accordance with income tax regulations, which may differ from GAAP.

Capital accounts within the financial statements are adjusted for permanent book-tax differences. These adjustments have no impact on net assets or the results of operations. Capital accounts are not adjusted for temporary book-tax differences which will reverse in a subsequent period.

Book-tax differences are primarily due to market discount, capital loss carryforwards and losses deferred due to wash sales.

As of period end, the cost and unrealized appreciation (depreciation) in securities, and derivatives if applicable, for federal income tax purposes were as follows:

Gross unrealized appreciation
Gross unrealized depreciation
Net unrealized appreciation (depreciation)

\$577,968 (99,183,347) \$(98,605,379) \$749,100,781

The tax-based components of distributable earnings as of period end were as follows:

 Undistributed ordinary income
 \$2,410,327

 Capital loss carryforward
 \$(12,192,214)

 Net unrealized appreciation (depreciation) on securities and other investments
 \$(98,605,379)

Capital loss carryforwards are only available to offset future capital gains of the Fund to the extent provided by regulations and may be limited. The capital loss carryforward information presented below, including any applicable limitation, is estimated as of fiscal period end and is subject to adjustment.

 Short-term
 \$(5,859,437)

 Long-term
 (6,332,777)

 Total capital loss carryforward
 \$(12,192,214)

The tax character of distributions paid was as follows:

December 31, 2022 December 31, 2021

Ordinary Income \$10,947,690 \$6,766,346

Delayed Delivery Transactions and When-Issued Securities. During the period, certain Funds transacted in securities on a delayed delivery or when-issued basis. Payment and delivery may take place after the customary settlement period for that security. The price of the underlying securities and the date when the securities will be delivered and paid for are fixed at the time the transaction is negotiated. Securities purchased on a delayed delivery or when-issued basis are identified as such in the Schedule of Investments. Compensation for interest forgone in the purchase of a delayed delivery or when-issued debt security may be received. With respect to purchase commitments, each applicable Fund identifies securities as segregated in its records with a value at least equal to the amount of the commitment. Payables and receivables associated with the purchases and sales of delayed delivery securities having the same coupon, settlement date and broker are offset. Delayed delivery or when-issued securities that have been purchased from and sold to different brokers are reflected as both payables and receivables in the Statement of Assets and Liabilities under the caption "Delayed delivery", as applicable. Losses may arise due to changes in the value of the underlying securities or if the counterparty does not perform under the contract's terms, or if the issuer does not issue the securities due to political, economic, or other factors.

Restricted Securities (including Private Placements). Funds may invest in securities that are subject to legal or contractual restrictions on resale. These securities generally may be resold in transactions exempt from registration or to the public if the securities are registered. Disposal of these securities may involve time-consuming negotiations and expense, and prompt sale at an acceptable price may be difficult. Information regarding restricted securities held at period end is included at the end of the Schedule of Investments, if applicable.

4. Purchases and Sales of Investments.

Purchases and sales of securities, other than short-term securities, U.S. government securities and in-kind transactions, as applicable, are noted in the table below.

 Purchases (\$)
 Sales (\$)

 VIP Bond Index Portfolio
 30,883,034
 22,827,748

5. Fees and Other Transactions with Affiliates.

Management Fee and Expense Contract. Fidelity Management & Research Company LLC (the investment adviser) and its affiliates provide the Fund with investment management related services for which the Fund pays a monthly management fee. The management fee is based on an annual rate of .09% of the Fund's average net assets. Under the management contract, the investment adviser pays all other fund-level expenses, except the compensation of the independent Trustees and certain miscellaneous expenses such as proxy and shareholder meeting expenses.

In addition, under the expense contract, the investment adviser pays class-level expenses as necessary so that the total expenses do not exceed certain amounts of each class' average net assets on an annual basis with certain exceptions, as noted in the following table:

 Initial Class
 .14%

 Service Class
 .24%

 Service Class 2
 .39%

Distribution and Service Plan Fees. In accordance with Rule 12b-1 of the 1940 Act, the Fund has adopted separate 12b-1 Plans for each Service Class of shares. Each Service Class pays Fidelity Distributors Company LLC (FDC), an affiliate of the investment adviser, a service fee. For the period, the service fee is based on an annual rate of .10% of Service Class' average net assets and .25% of Service Class 2's average net assets.

Notes to Financial Statements - continued

For the period, total fees, all of which were re-allowed to insurance companies for the distribution of shares and providing shareholder support services, were as follows:

Service Class	\$2,187
Service Class 2	<u>495,446</u>
	\$497.633

Transfer Agent Fees. Fidelity Investments Institutional Operations Company LLC (FIIOC), an affiliate of the investment adviser, is the transfer, dividend disbursing, and shareholder servicing agent for each class. FIIOC receives asset-based fees based on each class's average net assets for transfer agent services, typesetting, and printing and mailing of shareholder reports, excluding mailing of proxy statements, equal to an annual rate of .06% of average net assets. Under the expense contract, each class pays a portion of the transfer agent fees equal to an annual rate of .05% of class-level average net assets. For the period, transfer agent fees for each class were as follows:

Initial Class	\$228,397
Service Class	1,094
Service Class 2	99,089
	<u>\$328,580</u>

Interfund Trades. Funds may purchase from or sell securities to other Fidelity Funds under procedures adopted by the Board. The procedures have been designed to ensure these interfund trades are executed in accordance with Rule 17a-7 of the 1940 Act. Any interfund trades are included within the respective purchases and sales amounts shown in the Purchases and Sales of Investments note. During the period, there were no interfund trades.

6. Committed Line of Credit.

Certain Funds participate with other funds managed by the investment adviser or an affiliate in a \$4.25 billion credit facility (the "line of credit") to be utilized for temporary or emergency purposes to fund shareholder redemptions or for other short-term liquidity purposes. The commitment fees on the pro-rate portion of the line of credit are borne by the investment adviser. During the period, there were no borrowings on this line of credit.

7. Expense Reductions.

Through arrangements with the Fund's custodian, credits realized as a result of certain uninvested cash balances were used to reduce the Fund's expenses. During the period, custodian credits reduced the Fund's expenses by \$398.

8. Distributions to Shareholders.

Distributions to shareholders of each class were as follows:

	Year ended December 31, 2022	Year ended December 31, 2021
VIP Bond Index Portfolio		
Distributions to shareholders		
Initial Class	\$8,073,922	\$4,980,718
Service Class	37,032	21,882
Service Class 2	<u>2,836,736</u>	<u>1,763,746</u>
Total	\$10,947,690	\$6,766,346

9. Share Transactions.

Transactions for each class of shares were as follows and may contain in-kind transactions:

	Shares	Shares	Dollars	Dollars
	Year ended December 31, 2022	Year ended December 31, 2021	Year ended December 31, 2022	Year ended December 31, 2021
VIP Bond Index Portfolio				
Initial Class				
Shares sold	9,678,037	18,226,484	\$94,186,424	\$202,928,648
Reinvestment of distributions	839,583	449,929	8,073,922	4,980,718
Shares redeemed	<u>(8,075,341)</u>	<u>(22,251,821)</u>	<u>(80,837,184)</u>	<u>(246,900,783)</u>
Net increase (decrease)	<u>2,442,279</u>	<u>(3,575,408)</u>	<u>\$21,423,162</u>	<u>\$(38,991,417)</u>
Service Class				
Shares sold	523,608	256,218	\$5,286,095	\$2,857,806

Reinvestment of distributions	3,705	1,881	35,483	20,847
Shares redeemed	<u>(443,381)</u>	<u>(56,248)</u>	(4,614,624)	(627,376)
Net increase (decrease)	<u>83,932</u>	<u>201,851</u>	<u>\$706,954</u>	<u>\$2,251,277</u>
Service Class 2				
Shares sold	3,433,019	4,874,226	\$33,987,127	\$54,057,998
Reinvestment of distributions	295,508	159,688	2,835,428	1,762,956
Shares redeemed	<u>(4,614,007)</u>	(3,438,112)	<u>(45,870,012)</u>	(38,091,762)
Net increase (decrease)	<u>(885,480)</u>	<u>1,595,802</u>	\$(9,047,457)	\$17,729,192

10. Other.

A fund's organizational documents provide former and current trustees and officers with a limited indemnification against liabilities arising in connection with the performance of their duties to the fund. In the normal course of business, a fund may also enter into contracts that provide general indemnifications. A fund's maximum exposure under these arrangements is unknown as this would be dependent on future claims that may be made against a fund. The risk of material loss from such claims is considered remote.

At the end of the period, the investment adviser or its affiliates were owners of record of more than 10% and certain otherwise unaffiliated shareholders were owners of record of more than 10% of the outstanding shares as follows:

Fund	Affiliated %	Number ofUnaffiliated Shareholders	Unaffiliated Shareholders %	
VIP Bond Index Portfolio	60%	1	35%	

11. Risk and Uncertainties.

Many factors affect a fund's performance. Developments that disrupt global economies and financial markets, such as pandemics, epidemics, outbreaks of infectious diseases, war, terrorism, and environmental disasters, may significantly affect a fund's investment performance. The effects of these developments to a fund will be impacted by the types of securities in which a fund invests, the financial condition, industry, economic sector, and geographic location of an issuer, and a fund's level of investment in the securities of that issuer.

Report of Independent Registered Public Accounting Firm

To the Board of Trustees of Variable Insurance Products Fund V and the Shareholders of VIP Bond Index Portfolio:

Opinion on the Financial Statements and Financial Highlights

We have audited the accompanying statement of assets and liabilities of VIP Bond Index Portfolio (the "Fund"), a fund of Variable Insurance Products Fund V, including the schedule of investments as of December 31, 2022, the related statement of operations for the year then ended, the statement of changes in net assets for each of two years in the period then ended, the financial highlights for each of the four years in the period then ended and for the period from April 19, 2018 (commencement of operations) through December 31, 2018, and the related notes. In our opinion, the financial statements and financial highlights present fairly, in all material respects, the financial position of the Fund as of December 31, 2022, and the results of its operations for the year then ended, the changes in its net assets for each of the two years in the period then ended, and the financial highlights for each of the four years in the period then ended and for the period from April 19, 2018 (commencement of operations) through December 31, 2018 in conformity with accounting principles generally accepted in the United States of America.

Basis for Opinion

These financial statements and financial highlights are the responsibility of the Fund's management. Our responsibility is to express an opinion on the Fund's financial statements and financial highlights based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (PCAOB) and are required to be independent with respect to the Fund in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements and financial highlights are free of material misstatement, whether due to error or fraud. The Fund is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Fund's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements and financial highlights, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements and financial highlights. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements and financial highlights. Our procedures included confirmation of securities owned as of December 31, 2022, by correspondence with the custodian and brokers; when replies were not received from brokers, we performed other auditing procedures. We believe that our audits provide a reasonable basis for our opinion.

/s/ Deloitte & Touche LLP Boston, Massachusetts February 10, 2023

We have served as the auditor of one or more of the Fidelity investment companies since 1999.

Trustees and Officers

The Trustees, Members of the Advisory Board (if any), and officers of the trust and fund, as applicable, are listed below. The Board of Trustees governs the fund and is responsible for protecting the interests of shareholders. The Trustees are experienced executives who meet periodically throughout the year to oversee the fund's activities, review contractual arrangements with companies that provide services to the fund, oversee management of the risks associated with such activities and contractual arrangements, and review the fund's performance. Each of the Trustees oversees 295 funds.

The Trustees hold office without limit in time except that (a) any Trustee may resign; (b) any Trustee may be removed by written instrument, signed by at least two-thirds of the number of Trustees prior to such removal; (c) any Trustee who requests to be retired or who has become incapacitated by illness or injury may be retired by written instrument signed by a majority of the other Trustees; and (d) any Trustee may be removed at any special meeting of shareholders by a two-thirds vote of the outstanding voting securities of the trust. Each Trustee who is not an interested person (as defined in the 1940 Act) of the trust and the fund is referred to herein as an Independent Trustee. Each Independent Trustee shall retire not later than the last day of the calendar year in which his or her 75th birthday occurs. The Independent Trustees may waive this mandatory retirement age policy with respect to individual Trustees. Officers and Advisory Board Members hold office without limit in time, except that any officer or Advisory Board Member may resign or may be removed by a vote of a majority of the Trustees at any regular meeting or any special meeting of the Trustees. Except as indicated, each individual has held the office shown or other offices in the same company for the past five years.

The fund's Statement of Additional Information (SAI) includes more information about the Trustees. To request a free copy, call Fidelity at 1-877-208-0098.

Experience, Skills, Attributes, and Qualifications of the Trustees. The Governance and Nominating Committee has adopted a statement of policy that describes the experience, qualifications, attributes, and skills that are necessary and desirable for potential Independent Trustee candidates (Statement of Policy). The Board believes that each Trustee satisfied at the time he or she was initially elected or appointed a Trustee, and continues to satisfy, the standards contemplated by the Statement of Policy. The Governance and Nominating Committee also engages professional search firms to help identify potential Independent Trustee candidates who have the experience, qualifications, attributes, and skills consistent with the Statement of Policy. From time to time, additional criteria based on the composition and skills of the current Independent Trustees, as well as experience or skills that may be appropriate in light of future changes to board composition, business conditions, and regulatory or other developments, have also been considered by the professional search firms and the Governance and Nominating Committee. In addition, the Board takes into account the Trustees' commitment and participation in Board and committee meetings, as well as their leadership of standing and ad hoc committees throughout their tenure.

In determining that a particular Trustee was and continues to be qualified to serve as a Trustee, the Board has considered a variety of criteria, none of which, in isolation, was controlling. The Board believes that, collectively, the Trustees have balanced and diverse experience, qualifications, attributes, and skills, which allow the Board to operate effectively in governing the fund and protecting the interests of shareholders. Information about the specific experience, skills, attributes, and qualifications of each Trustee, which in each case led to the Board's conclusion that the Trustee should serve (or continue to serve) as a trustee of the fund, is provided below.

Board Structure and Oversight Function. Abigail P. Johnson is an interested person and currently serves as Chairman. The Trustees have determined that an interested Chairman is appropriate and benefits shareholders because an interested Chairman has a personal and professional stake in the quality and continuity of services provided to the fund. Independent Trustees exercise their informed business judgment to appoint an individual of their choosing to serve as Chairman, regardless of whether the Trustee happens to be independent or a member of management. The Independent Trustees have determined that they can act independently and effectively without having an Independent Trustee serve as Chairman and that a key structural component for assuring that they are in a position to do so is for the Independent Trustees to constitute a substantial majority for the Board. The Independent Trustees also regularly meet in executive session. Michael E. Kenneally serves as Chairman of the Independent Trustees and as such (i) acts as a liaison between the Independent Trustees and management with respect to matters important to the Independent Trustees and (ii) with management prepares agendas for Board meetings.

Fidelity* funds are overseen by different Boards of Trustees. The fund's Board oversees Fidelity's investment-grade bond, money market, asset allocation and certain equity funds, and other Boards oversee Fidelity's high income and other equity funds. The asset allocation funds may invest in Fidelity* funds that are overseen by such other Boards. The use of separate Boards, each with its own committee structure, allows the Trustees of each group of Fidelity* funds to focus on the unique issues of the funds they oversee, including common research, investment, and operational issues. On occasion, the separate Boards establish joint committees to address issues of overlapping consequences for the Fidelity* funds overseen by each Board.

The Trustees operate using a system of committees to facilitate the timely and efficient consideration of all matters of importance to the Trustees, the fund, and fund shareholders and to facilitate compliance with legal and regulatory requirements and oversight of the fund's activities and associated risks. The Board, acting through its committees, has charged FMR and its affiliates with (i) identifying events or circumstances the occurrence of which could have demonstrably adverse effects on the fund's business and/or reputation; (ii) implementing processes and controls to lessen the possibility that such events or circumstances occur or to mitigate the effects of such events or circumstances if they do occur; and (iii) creating and maintaining a system designed to evaluate continuously business and market conditions in order to facilitate the identification and implementation processes described in (i) and (ii) above. Because the day-to-day operations and activities of the fund are carried out by or through FMR, its affiliates, and other service providers, the fund's exposure to risks is mitigated but not eliminated by the processes overseen by the Trustees. While each of the Board's committees has responsibility for overseeing different aspects of the fund's activities, oversight is exercised primarily through the Operations and Audit Committees. In addition, an ad hoc Board committee of Independent Trustees has worked with FMR to enhance the Board's oversight of investment and financial risks, legal and regulatory risks, technology risks, and operational risks, including the development of additional risk reporting to the Board. Appropriate personnel, including but not limited to the fund's Chief Compliance Officer (CCO), FMR's internal auditor, the independent accountants, the fund's Treasurer and portfolio management personnel, make periodic reports to the Board's committees, as appropriate, including an annual review of Fidelity's risk management program for the Fidelity* funds. The responsibilities of

Interested Trustees*:

Correspondence intended for a Trustee who is an interested person may be sent to Fidelity Investments, 245 Summer Street, Boston, Massachusetts 02210.

Name, Year of Birth; Principal Occupations and Other Relevant Experience+

Trustees and Officers - Continued

Abigail P. Johnson (1961)

Year of Election or Appointment: 2009

Trustee

Chairman of the Board of Trustees

Ms. Johnson also serves as Trustee of other Fidelity funds. Ms. Johnson serves as Chairman (2016-present), Chief Executive Officer (2014-present), and Director (2007-present) of FMR LLC (diversified financial services company), President of Fidelity Financial Services (2012-present) and President of Personal, Workplace and Institutional Services (2005-present). Ms. Johnson is Chairman and Director of Fidelity Management & Research Company LLC (investment adviser firm, 2011-present). Previously, Ms. Johnson served as Chairman and Director of FMR Co., Inc. (investment adviser firm, 2011-2019), Vice Chairman (2007-2016) and President (2013-2016) of FMR LLC, President and a Director of Fidelity Management & Research Company (2001-2005), a Trustee of other investment companies advised by Fidelity Management & Research Company, Fidelity Investments Money Management, Inc. (investment adviser firm), and FMR Co., Inc. (2001-2005), Senior Vice President of the Fidelity- funds (2001-2005), and managed a number of Fidelity- funds. Ms. Abigail P. Johnson and Mr. Arthur E. Johnson are not related.

Jennifer Toolin McAuliffe (1959)

Year of Election or Appointment: 2016

Trustee

Ms. McAuliffe also serves as Trustee of other Fidelity* funds and as Trustee of Fidelity Charitable (2020-present). Previously, Ms. McAuliffe served as Co-Head of Fixed Income of Fidelity Investments Limited (now known as FIL Limited (FIL)) (diversified financial services company), Director of Research for FIL's credit and quantitative teams in London, Hong Kong and Tokyo and Director of Research for taxable and municipal bonds at Fidelity Investments Money Management, Inc. Ms. McAuliffe previously served as a member of the Advisory Board of certain Fidelity* funds (2016). Ms. McAuliffe was previously a lawyer at Ropes & Gray LLP and currently serves as director or trustee of several not-for-profit entities.

- * Determined to be an "Interested Trustee" by virtue of, among other things, his or her affiliation with the trust or various entities under common control with FMR.
- + The information includes the Trustee's principal occupation during the last five years and other information relating to the experience, attributes, and skills relevant to the Trustee's qualifications to serve as a Trustee, which led to the conclusion that the Trustee should serve as a Trustee for the fund.

 Independent Trustees:

Correspondence intended for an Independent Trustee may be sent to Fidelity Investments, P.O. Box 55235, Boston, Massachusetts 02205-5235.

Name, Year of Birth; Principal Occupations and Other Relevant Experience+

Elizabeth S. Acton (1951)

Year of Election or Appointment: 2013

Trustee

Ms. Acton also serves as Trustee of other Fidelity* funds. Prior to her retirement, Ms. Acton served as Executive Vice President, Finance (2011-2012), Executive Vice President, Chief Financial Officer (2002-2011) and Treasurer (2004-2005) of Comerica Incorporated (financial services). Prior to joining Comerica, Ms. Acton held a variety of positions at Ford Motor Company (1983-2002), including Vice President and Treasurer (2000-2002) and Executive Vice President and Chief Financial Officer of Ford Motor Credit Company (1998-2000). Ms. Acton currently serves as a member of the Board and Audit and Finance Committees of Beazer Homes USA, Inc. (homebuilding, 2012-present). Ms. Acton previously served as a member of the Advisory Board of certain Fidelity* funds (2013-2016).

Ann E. Dunwoody (1953)

Year of Election or Appointment: 2018

Trustee

General Dunwoody also serves as Trustee of other Fidelity* funds. General Dunwoody (United States Army, Retired) was the first woman in U.S. military history to achieve the rank of four-star general and prior to her retirement in 2012 held a variety of positions within the U.S. Army, including Commanding General, U.S. Army Material Command (2008-2012). General Dunwoody currently serves as President of First to Four LLC (leadership and mentoring services, 2012-present), a member of the Board and Nomination and Corporate Governance Committees of Kforce Inc. (professional staffing services, 2016-present) and a member of the Board of Automattic Inc. (software engineering, 2018-present). Previously, General Dunwoody served as a member of the Advisory Board and Nominating and Corporate Governance Committee of L3 Technologies, Inc. (communication, electronic, sensor and aerospace systems, 2013-2019) and a member of the Board and Audit and Sustainability and Corporate Responsibility Committees of Republic Services, Inc. (waste collection, disposal and recycling, 2013-2016). Ms. Dunwoody also serves on several boards for non-profit organizations, including as a member of the Board, Chair of the Nomination and Governance Committee and a member of the Audit Committee of Logistics Management Institute (consulting non-profit, 2012-present), a member of the Council of Trustees for the Association of the United States Army (advocacy non-profit, 2013-present), a member of the Board of Florida Institute of Technology (2015-present) and a member of the Board of ThanksUSA (military family education non-profit, 2014-present). General Dunwoody previously served as a member of the Advisory Board of certain Fidelity* funds (2018).

John Engler (1948)

Year of Election or Appointment: 2014

Trustee

Mr. Engler also serves as Trustee of other Fidelity* funds. Previously, Mr. Engler served as Governor of Michigan (1991-2003), President of the Business Roundtable (2011-2017) and interim President of Michigan State University (2018-2019). Mr. Engler currently serves as a member of the Board of Stride, Inc. (formerly K12 Inc.) (technology-based education

company, 2012-present). Previously, Mr. Engler served as a member of the Board of Universal Forest Products (manufacturer and distributor of wood and wood-alternative products, 2003-2019) and Trustee of The Munder Funds (2003-2014). Mr. Engler previously served as a member of the Advisory Board of certain Fidelity* funds (2014-2016).

Robert F. Gartland (1951)

Year of Election or Appointment: 2010

Trustee

Mr. Gartland also serves as Trustee of other Fidelity* funds. Prior to his retirement, Mr. Gartland held a variety of positions at Morgan Stanley (financial services, 1979-2007), including Managing Director (1987-2007) and Chase Manhattan Bank (1975-1978). Mr. Gartland previously served as Chairman and an investor in Gartland & Mellina Group Corp. (consulting, 2009-2019), as a member of the Board of National Securities Clearing Corporation (1993-1996) and as Chairman of TradeWeb (2003-2004).

Arthur E. Johnson (1947)

Year of Election or Appointment: 2008

Trustee

Mr. Johnson also serves as Trustee of other Fidelity* funds. Prior to his retirement, Mr. Johnson served as Senior Vice President of Corporate Strategic Development of Lockheed Martin Corporation (defense contractor, 1999-2009). Mr. Johnson currently serves as a member of the Board of Booz Allen Hamilton (management consulting, 2011-present). Mr. Johnson previously served as a member of the Board of Eaton Corporation plc (diversified power management, 2009-2019) and a member of the Board of AGL Resources, Inc. (holding company, 2002-2016). Mr. Johnson previously served as Chairman (2018-2021) and Vice Chairman (2015-2018) of the Independent Trustees of certain Fidelity® funds. Mr. Arthur E. Johnson is not related to Ms. Abigail P. Johnson.

Michael E. Kenneally (1954)

Year of Election or Appointment: 2009

Trustee

Chairman of the Independent Trustees

Mr. Kenneally also serves as Trustee of other Fidelity* funds and was Vice Chairman (2018-2021) of the Independent Trustees of certain Fidelity* funds. Prior to retirement in 2005, he was Chairman and Global Chief Executive Officer of Credit Suisse Asset Management, the worldwide fund management and institutional investment business of Credit Suisse Group. Previously, Mr. Kenneally was an Executive Vice President and the Chief Investment Officer for Bank of America. In this role, he was responsible for the investment management, strategy and products delivered to the bank's institutional, high-net-worth and retail clients. Earlier, Mr. Kenneally directed the organization's equity and quantitative research groups. He began his career as a research analyst and then spent more than a dozen years as a portfolio manager for endowments, pension plans and mutual funds. He earned the Chartered Financial Analyst (CFA) designation in 1991.

Mark A. Murray (1954)

Year of Election or Appointment: 2016

Trustee

Mr. Murray also serves as Trustee of other Fidelity* funds. Previously, Mr. Murray served as Co-Chief Executive Officer (2013-2016), President (2006-2013) and Vice Chairman (2013-2020) of Meijer, Inc. Mr. Murray serves as a member of the Board (2009-present) and Public Policy and Responsibility Committee (2009-present) and Chair of the Nuclear Review Committee (2019-present) of DTE Energy Company (diversified energy company). Mr. Murray previously served as a member of the Board of Spectrum Health (not-for-profit health system, 2015-2019) and as a member of the Board and Audit Committee and Chairman of the Nominating and Corporate Governance Committee of Universal Forest Products, Inc. (manufacturer and distributor of wood and wood-alternative products, 2004-2016). Mr. Murray also serves as a member of the Board of many community and professional organizations. Mr. Murray previously served as a member of the Advisory Board of certain Fidelity* funds (2016).

+ The information includes the Trustee's principal occupation during the last five years and other information relating to the experience, attributes, and skills relevant to the Trustee's qualifications to serve as a Trustee, which led to the conclusion that the Trustee should serve as a Trustee for the fund.

Advisory Board Members and Officers:

Correspondence intended for a Member of the Advisory Board (if any) may be sent to Fidelity Investments, P.O. Box 55235, Boston, Massachusetts 02205-5235. Correspondence intended for an officer may be sent to Fidelity Investments, 245 Summer Street, Boston, Massachusetts 02210. Officers appear below in alphabetical order.

Name, Year of Birth; Principal Occupation

Laura M. Bishop (1961)

Year of Election or Appointment: 2022

Member of the Advisory Board

Ms. Bishop also serves as a Member of the Advisory Board of other funds. Prior to her retirement, Ms. Bishop held a variety of positions at United Services Automobile Association (2001-2020), including Executive Vice President and Chief Financial Officer (2014-2020) and Senior Vice President and Deputy Chief Financial Officer (2012-2014). Ms. Bishop currently serves as a member of the Audit Committee and Compensation and Personnel Committee (2021-present) of the Board of Directors of Korn Ferry (global organizational consulting).

Trustees and Officers - Continued

Robert W. Helm (1957)

Year of Election or Appointment: 2021

Member of the Advisory Board

Mr. Helm also serves as a Member of the Advisory Board of other Fidelity® funds. Mr. Helm was formerly Deputy Chairman (2003-2020), partner (1991-2020) and an associate (1984-1991) of Dechert LLP (formerly Dechert Price & Rhoads). Mr. Helm currently serves on boards and committees of several not-for-profit organizations.

Craia S. Brown (1977)

Year of Election or Appointment: 2019

Assistant Treasurer

Mr. Brown also serves as an officer of other funds. Mr. Brown serves as Assistant Treasurer of FIMM, LLC (2021-present) and is an employee of Fidelity Investments (2013-present). Previously, Mr. Brown served as Assistant Treasurer of certain Fidelity* funds (2019-2022).

John J. Burke III (1964)

Year of Election or Appointment: 2018

Chief Financial Officer

Mr. Burke also serves as Chief Financial Officer of other funds. Mr. Burke serves as Head of Investment Operations for Fidelity Fund and Investment Operations (2018-present) and is an employee of Fidelity Investments (1998-present). Previously Mr. Burke served as head of Asset Management Investment Operations (2012-2018).

David J. Carter (1973)

Year of Election or Appointment: 2020

Assistant Secretary

Mr. Carter also serves as Assistant Secretary of other funds. Mr. Carter serves as Senior Vice President, Deputy General Counsel (2022-present) and is an employee of Fidelity Investments (2005-present).

Jonathan Davis (1968)

Year of Election or Appointment: 2010

Assistant Treasurer

Mr. Davis also serves as an officer of other funds. Mr. Davis serves as Assistant Treasurer of FIMM, LLC (2021-present), FMR Capital, Inc. (2017-present), FD Funds GP LLC (2021-present), FD Funds Holding LLC (2021-present), and FD Funds Management LLC (2021-present); and is an employee of Fidelity Investments. Previously, Mr. Davis served as Vice President and Associate General Counsel of FMR LLC (diversified financial services company, 2003-2010).

Laura M. Del Prato (1964)

Year of Election or Appointment: 2018

President and Treasurer

Ms. Del Prato also serves as an officer of other funds. Ms. Del Prato serves as Assistant Treasurer of FIMM, LLC (2021-present) and is an employee of Fidelity Investments (2017-present). Previously, Ms. Del Prato served as President and Treasurer of The North Carolina Capital Management Trust: Cash Portfolio and Term Portfolio (2018-2020). Prior to joining Fidelity Investments, Ms. Del Prato served as a Managing Director and Treasurer of the JPMorgan Mutual Funds (2014-2017). Prior to JPMorgan, Ms. Del Prato served as a partner at Cohen Fund Audit Services (accounting firm. 2012-2013) and KPMG LLP (accounting firm. 2004-2012).

Christopher M. Gouveia (1973)

Year of Election or Appointment: 2023

Chief Compliance Officer

Mr. Gouveia also serves as Chief Compliance Officer of other funds. Mr. Gouveia serves as Senior Vice President of Asset Management Compliance for Fidelity Investments and is an employee of Fidelity Investments. Previously, Mr. Gouveia served as Chief Compliance Officer of the North Carolina Capital Management Trust (2016-2019).

Colm A. Hogan (1973)

Year of Election or Appointment: 2016

Assistant Treasurer

Mr. Hogan also serves as an officer of other funds. Mr. Hogan serves as Assistant Treasurer of FIMM, LLC (2021-present) and FMR Capital, Inc. (2017-present) and is an employee of Fidelity Investments (2005-present). Previously, Mr. Hogan served as Deputy Treasurer of certain Fidelity funds (2016-2020) and Assistant Treasurer of certain Fidelity (2016-2018).

Cynthia Lo Bessette (1969)

Year of Election or Appointment: 2019

Secretary and Chief Legal Officer (CLO)

Ms. Lo Bessette also serves as an officer of other funds. Ms. Lo Bessette serves as CLO, Secretary, and Senior Vice President of Fidelity Management & Research Company LLC (investment adviser firm, 2019-present); CLO of Fidelity Management & Research (Hong Kong) Limited, FMR Investment Management (UK) Limited, and Fidelity Management & Research (Japan) Limited (investment adviser firms, 2019-present); Secretary of FD Funds GP LLC (2021-present), FD Funds Holding LLC (2021-present), FD Funds Management LLC (2021-present), and Fidelity Diversifying Solutions LLC (investment adviser firm, 2022-present); and Assistant Secretary of FIMM, LLC (2019-present). She is a Senior Vice President and Deputy General Counsel of FMR LLC (diversified financial services company, 2019-present), and is an employee of Fidelity Investments. Previously, Ms. Lo Bessette served as CLO, Secretary, and Senior Vice President of FMR Co., Inc. (investment adviser firm, 2019); Secretary of Fidelity SelectCo, LLC and Fidelity Investments Money Management, Inc. (investment adviser firms, 2019). Prior to joining Fidelity Investments, Ms. Lo Bessette was Executive Vice President, General Counsel (2016-2019) and Senior Vice President, Deputy General Counsel (2015-2016) of OppenheimerFunds (investment adviser firm).

Chris Maher (1972)

Year of Election or Appointment: 2013

Assistant Treasurer

Mr. Maher also serves as an officer of other funds. Mr. Maher serves as Assistant Treasurer of FIMM, LLC (2021-present) and FMR Capital, Inc. (2017-present), and is an employee of Fidelity Investments (2008-present). Previously, Mr. Maher served as Assistant Treasurer of certain funds (2013-2020); Vice President of Asset Management Compliance (2013), Vice President of the Program Management Group of FMR (investment adviser firm, 2010-2013), and Vice President of Valuation Oversight (2008-2010).

Jamie Pagliocco (1964)

Year of Election or Appointment: 2020

Vice President

Mr. Pagliocco also serves as Vice President of other funds. Mr. Pagliocco serves as President of Fixed Income (2020-present), and is an employee of Fidelity Investments (2001-present). Previously, Mr. Pagliocco served as Co-Chief Investment Officer — Bond (2017-2020), Global Head of Bond Trading (2016-2019), and as a portfolio manager.

Brett Segaloff (1972)

Year of Election or Appointment: 2021

Anti-Money Laundering (AML) Officer

Mr. Segaloff also serves as an AML Officer of other funds and other related entities. He is Director, Anti-Money Laundering (2007-present) of FMR LLC (diversified financial services company) and is an employee of Fidelity Investments (1996-present).

Stacie M. Smith (1974)

Year of Election or Appointment: 2013

Assistant Treasurer

Ms. Smith also serves as an officer of other funds. Ms. Smith serves as Assistant Treasurer of FIMM, LLC (2021-present) and FMR Capital, Inc. (2017-present), is an employee of Fidelity Investments (2009-present), and has served in other fund officer roles. Prior to joining Fidelity Investments, Ms. Smith served as Senior Audit Manager of Ernst & Young LLP (accounting firm, 1996-2009). Previously, Ms. Smith served as Assistant Treasurer (2013-2019) and Deputy Treasurer (2013-2016) of certain Fidelity- funds.

Jim Weamann (1979)

Year of Election or Appointment: 2021

Deputy Treasurer

Mr. Wegmann also serves as an officer of other funds. Mr. Wegmann serves as Assistant Treasurer of FIMM, LLC (2021-present) and is an employee of Fidelity Investments (2011-present). Previously, Mr. Wegmann served as Assistant Treasurer of certain Fidelity* funds (2019-2021).

Shareholder Expense Example

As a shareholder, you incur two types of costs: (1) transaction costs, which may include sales charges (loads) on purchase payments or redemption proceeds, as applicable and (2) ongoing costs, which generally include management fees, distribution and/or service (12b-1) fees and other Fund expenses. This Example is intended to help you understand your ongoing costs (in dollars) of investing in a fund and to compare these costs with the ongoing costs of investing in other mutual funds.

The Example is based on an investment of \$1,000 invested at the beginning of the period and held for the entire period (July 1, 2022 to December 31, 2022).

Actual Expenses

The first line of the accompanying table provides information about actual account values and actual expenses. You may use the information in this line, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000.00 (for example, an \$8,600 account value divided by \$1,000.00 = 8.6), then multiply the result by the number in the first line for a class/Fund under the heading entitled "Expenses Paid During Period" to estimate the expenses you paid on your account during this period. If any fund is a shareholder of any underlying mutual funds or exchange-traded funds (ETFs) (the Underlying Funds), such fund indirectly bears its proportional share of the expenses of the Underlying Funds in addition to the direct expenses incurred presented in the table. These fees and expenses are not included in the annualized expense ratio used to calculate the expense estimate in the table below. The estimate of expenses does not include any fees or other expenses of any variable annuity or variable life insurance product. If they were, the estimate of expenses you paid during the period would be higher, and your ending account value would be lower.

Hypothetical Example for Comparison Purposes

The second line of the accompanying table provides information about hypothetical account values and hypothetical expenses based on the actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Fund and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds. If any fund is a shareholder of any Underlying Funds, such fund indirectly bears its proportional share of the expenses of the Underlying Funds in addition to the direct expenses as presented in the table. These fees and expenses are not included in the annualized expense ratio used to calculate the expense estimate in the table below. The estimate of expenses does not include any fees or other expenses of any variable annuity or variable life insurance product. If they were, the estimate of expenses you paid during the period would be higher, and your ending account value would be lower.

Please note that the expenses shown in the table are meant to highlight your ongoing costs only and do not reflect any transaction costs. Therefore, the second line of the table is useful in comparing ongoing costs only, and will not help you determine the relative total costs of owning different funds. In addition, if these transactional costs were included, your costs would have been higher.

VIP Bond Index Portfolio	Annualized Expense Ratio- ^A	Beginning Account Value July 1, 2022	Ending Account Value December 31, 2022	Expenses Paid During Period- ^C July 1, 2022 to December 31, 2022
Initial Class	.14%			
Actual		\$ 1,000	\$ 968.90	\$.69
Hypothetical ¹⁸		\$ 1,000	\$ 1,024.50	\$.71
Service Class	.24%			
Actual		\$ 1,000	\$ 968.30	\$ 1.19
Hypothetical ^B		\$ 1,000	\$ 1,024.00	\$ 1.22
Service Class 2	.39%			
Actual		\$ 1,000	\$ 967.60	\$ 1.93
Hypothetical ^B		\$ 1,000	\$ 1,023.24	\$ 1.99

A Annualized expense ratio reflects expenses net of applicable fee waivers.

B 5% return per year before expenses

C Expenses are equal to the annualized expense ratio, multiplied by the average account value over the period, multiplied by 184/365 (to reflect the one-half year period). The fees and expenses of any Underlying Funds are not included in each annualized expense ratio.

Distributions (Unaudited)

The dividend and capital gains distributions for the fund(s) are available on Fidelity.com or Institutional.Fidelity.com.

A total of 29.19% of the dividends distributed during the fiscal year was derived from interest on U.S. Government securities which is generally exempt from state income tax.

The fund designates \$6,766,347 of distributions paid in the calendar year 2021 as qualifying to be taxed as section 163(j) interest dividends.

Board Approval of Investment Advisory Contracts and Management Fees

VIP Bond Index Portfolio

Each year, the Board of Trustees, including the Independent Trustees (together, the Board), votes on the renewal of the management contract with Fidelity Management & Research Company LLC (FMR) and the sub-advisory agreements (together, the Advisory Contracts) for the fund. FMR and the sub-advisers are referred to herein as the Investment Advisers. The Board, assisted by the advice of fund counsel and Independent Trustees' counsel, requests and considers a broad range of information relevant to the renewal of the Advisory Contracts throughout the year.

The Board meets regularly and, at each of its meetings, covers an extensive agenda of topics and materials and considers factors that are relevant to its annual consideration of the renewal of the fund's Advisory Contracts, including the services and support provided to the fund and its shareholders. The Board has established four standing committees (Committees) — Operations, Audit, Fair Valuation, and Governance and Nominating — each composed of and chaired by Independent Trustees with varying backgrounds, to which the Board has assigned specific subject matter responsibilities in order to enhance effective decision-making by the Board. The Operations Committee, of which all the Independent Trustees are members, meets regularly throughout the year and requests, receives and considers, among other matters, information related to the annual consideration of the renewal of the fund's Advisory Contracts before making its recommendation to the Board. The Board also meets as needed to review matters specifically related to the Board's annual consideration of the renewal of the Advisory Contracts. Members of the Board may also meet from time to time with trustees of other Fidelity funds through joint ad hoc committees to discuss certain matters relevant to all of the Fidelity funds.

At its September 2022 meeting, the Board unanimously determined to renew the fund's Advisory Contracts. In reaching its determination, the Board considered all factors it believed relevant, including (i) the nature, extent, and quality of the services provided to the fund and its shareholders (including the investment performance of the fund); (ii) the competitiveness relative to peer funds of the fund's management fee and the total expense ratio of a representative class (Initial Class); (iii) the total costs of the services provided by and the profits realized by Fidelity from its relationships with the fund; and (iv) the extent to which, if any, economies of scale exist and are realized as the fund grows, and whether any economies of scale are appropriately shared with fund shareholders.

In considering whether to renew the Advisory Contracts for the fund, the Board reached a determination, with the assistance of fund counsel and Independent Trustees' counsel and through the exercise of its business judgment, that the renewal of the Advisory Contracts was in the best interests of the fund and its shareholders and that the compensation payable under the Advisory Contracts was fair and reasonable. The Board's decision to renew the Advisory Contracts was not based on any single factor, but rather was based on a comprehensive consideration of all the information provided to the Board at its meetings throughout the year. The Board, in reaching its determination to renew the Advisory Contracts, was aware that shareholders of the fund have a broad range of investment choices available to them, including a wide choice among funds offered by Fidelity's competitors, and that the fund's shareholders, who have the opportunity to review and weigh the disclosure provided by the fund in its prospectus and other public disclosures, have chosen to invest in this fund, which is part of the Fidelity family of funds.

Nature, Extent, and Quality of Services Provided. The Board considered Fidelity's staffing as it relates to the fund, including the backgrounds of investment personnel of Fidelity, and also considered the fund's investment objective, strategies, and related investment philosophy. The Independent Trustees also had discussions with senior management of Fidelity's investment operations and investment groups. The Board considered the structure of the investment personnel compensation program and whether this structure provides appropriate incentives to act in the best interests of the fund. Additionally, the Board considered the portfolio managers' investments, if any, in the funds that they manage. The Board also considered the steps Fidelity had taken to ensure the continued provision of high quality services to the Fidelity funds throughout the COVID-19 pandemic, including the expansion of staff in client facing positions to maintain service levels in periods of high volumes and volatility.

Resources Dedicated to Investment Management and Support Services. The Board reviewed the general qualifications and capabilities of Fidelity's investment staff, including its size, education, experience, and resources, as well as Fidelity's approach to recruiting, training, managing, and compensating investment personnel. The Board noted the resources devoted to Fidelity's global investment organization, and that Fidelity's analysts have extensive resources, tools and capabilities that allow them to conduct quantitative and fundamental analysis, as well as credit analysis of issuers, counterparties and guarantors. Further, the Board considered that Fidelity's investment professionals have sufficient access to global information and data so as to provide competitive investment results over time, and that those professionals also have access to sophisticated tools that permit them to assess portfolio construction and risk and performance attribution characteristics continuously, as well as to transmit new information and research conclusions rapidly around the world. Additionally, in its deliberations, the Board considered Fidelity's trading, risk management, compliance, cybersecurity, and technology and operations capabilities and resources, which are integral parts of the investment management process.

Shareholder and Administrative Services. The Board considered (i) the nature, extent, quality, and cost of advisory, administrative, and shareholder services performed by the Investment Advisers and their affiliates under the Advisory Contracts and under separate agreements covering transfer agency, pricing and bookkeeping, and securities lending services for the fund; (ii) the nature and extent of the supervision of third party service providers, principally custodians, subcustodians, and pricing vendors; and (iii) the resources devoted to, and the record of compliance with, the fund's compliance policies and procedures.

The Board noted that the growth of fund assets over time across the complex allows Fidelity to reinvest in the development of services designed to enhance the value and convenience of the Fidelity funds as investment vehicles. These services include 24-hour access to account information and market information over the Internet and through telephone representatives, investor education materials and asset allocation tools. The Board also considered that it reviews customer service metrics such as telephone response times, continuity of services on the website and metrics addressing services at Fidelity Investor Centers.

Investment in a Large Fund Family. The Board considered the benefits to shareholders of investing in a Fidelity fund, including the benefits of investing in a fund that is part of a large family of

funds offering a variety of investment disciplines and providing a large variety of mutual fund investor services. The Board noted that Fidelity had taken, or had made recommendations to the Board that resulted in the Fidelity funds taking, a number of actions over the previous year that benefited particular funds, including: (i) continuing to dedicate additional resources to Fidelity's investment research process, which includes meetings with management of issuers of securities in which the funds invest; (ii) continuing efforts to enhance Fidelity's global research capabilities; (iii) launching new funds, ETFs, and share classes with innovative structures, strategies and pricing and making other enhancements to meet investor needs; (iv) broadening eligibility requirements for certain funds and share classes; (v) reducing management fees and total expenses for certain funds and classes; (vi) lowering expenses for certain existing funds and classes by implementing or lowering expense caps; (vii) rationalizing product lines and gaining increased efficiencies from fund mergers and liquidations; (viii) continuing to develop, acquire and implement systems and technology to improve services to the funds and shareholders, strengthen information security, and increase efficiency; and (ix) continuing to implement enhancements to further strengthen Fidelity's product line to increase investors' probability of success in achieving their investment goals, including their retirement income goals.

<u>Investment Performance</u>. The Board considered whether the fund has operated in accordance with its investment objective, as well as its record of compliance with its investment restrictions and its performance history.

The Board took into account discussions that occur at Board meetings throughout the year with representatives of the Investment Advisers about fund investment performance. In this regard the Board noted that as part of regularly scheduled fund reviews and other reports to the Board on fund performance, the Board considers annualized return information for the fund for different time periods, measured against the securities market index the fund seeks to track. The Board also periodically considers the fund's tracking error versus its benchmark index.

In addition to reviewing absolute and relative fund performance, the Independent Trustees periodically consider the appropriateness of fund performance metrics in evaluating the results achieved. In general, the Independent Trustees believe that an index fund's performance should be evaluated based on gross performance (before fees and expenses but after transaction costs) compared to the fund's benchmark index, over appropriate time periods, taking into account relevant factors including the following: general market conditions; the characteristics of the fund's benchmark index; the extent to which statistical sampling is employed; and fund cash flows and other factors. The Independent Trustees generally give greater weight to fund performance over longer time periods than over shorter time periods. Depending on the circumstances, the Independent Trustees may be satisfied with a fund's performance notwithstanding that it lags its benchmark index for certain periods.

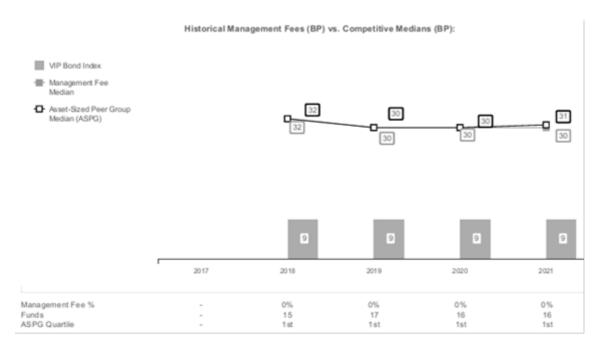
The Independent Trustees recognize that shareholders evaluate performance on a net basis (after fees and expenses) over their own holding periods, for which one-, three-, and five-year periods are often used as a proxy. For this reason, the performance information reviewed by the Board also included net cumulative calendar year total return information for the representative class (Initial Class) and its benchmark index for the most recent one- and three-year periods. No performance peer group information was considered by the Board as Fidelity advised the Board that the peer group, which is created by a third-party provider, includes a number of actively-managed funds.

Based on its review, the Board concluded that the nature, extent, and quality of services provided to the fund under the Advisory Contracts should continue to benefit the shareholders of the fund.

Competitiveness of Management Fee and Total Expense Ratio. The Board considered the fund's management fee and total expense ratio compared to selected groups of competitive funds and classes (referred to as "mapped groups" below) for the purpose of facilitating the Trustees' competitive analysis of management fees and total expenses. Fidelity creates "mapped groups" by combining similar investment objective categories (as classified by Lipper) that have comparable investment mandates. Combining funds with similar investment objective categories aids the Board's comparison of management fees and total expense ratios by broadening the competitive group used for such comparison.

Management Fee. The Board considered two proprietary management fee comparisons for the 12-month (or shorter) periods shown in basis points (BP) in the chart below. The group of Lipper funds used by the Board for management fee comparisons is referred to below as the "Total Mapped Group." The Total Mapped Group comparison focuses on a fund's standing in terms of gross management fees before expense reimbursements or caps relative to the total universe of funds with comparable investment mandates, regardless of whether their management fee structures also are comparable. Funds with comparable investment mandates offer exposure to similar types of securities. Funds with comparable management fee structures have similar management fee contractual arrangements (e.g., flat rate charged for advisory services, all-inclusive fee rate, etc.). "TMG %" represents the percentage of funds in the Total Mapped Group that had management fees that were lower than the fund's. For example, a hypothetical TMG % of 20% would mean that 80% of the funds in the Total Mapped Group had higher, and 20% had lower, management fees than the fund. The fund's actual TMG %s and the number of funds in the Total Mapped Group are in the chart below. The "Asset-Sized Peer Group" (ASPG) comparison focuses on a fund's standing relative to a subset of non-Fidelity funds within the Total Mapped Group that are similar in size and management fee structure. For example, if a fund is in the first quartile of the ASPG, the fund's management fee ranks in the least expensive or lowest 25% of funds in the ASPG. The ASPG represents at least 15% of the funds in the Total Mapped Group if fewer than 50). Additional information, such as the ASPG quartile in which the fund's management fee rarked is also included in the chart and was considered by the Board.

Board Approval of Investment Advisory Contracts and Management Fees - Continued



The Board noted that the fund's management fee rate ranked below the median of its Total Mapped Group and below the median of its ASPG for 2021.

Based on its review, the Board concluded that the fund's management fee is fair and reasonable in light of the services that the fund receives and the other factors considered.

<u>Total Expense Ratio.</u> In its review of the total expense ratio of the representative class (Initial Class) of the fund, the Board considered the fund's management fee rate as well as other "fund-level" expenses, such as pricing and bookkeeping fees and custodial, legal, and audit fees, paid by FMR under the fund's management contract. The Board also considered other "class-level" expenses, such as transfer agent fees and fund-paid 12b-1 fees. The Board also noted that Fidelity may agree to waive fees or reimburse expenses from time to time, and the extent to which, if any, it has done so for the fund. The fund's representative class is compared to those funds and classes in the Total Mapped Group (used by the Board for management fee comparisons) that have a similar sales load structure. The Board also considered a total expense ASPG comparison, which focuses on the total expenses of the representative class relative to a subset of non-Fidelity funds within the similar sales load structure group that are similar in size and management fee structure. The total expense ASPG is limited to 15 larger and 15 smaller classes of different funds, where possible. The total expense ASPG comparison excludes performance adjustments and fund-paid 12b-1 fees to eliminate variability in expenses relating to these items.

The Board noted that the total net expense ratio of the Initial Class ranked below the similar sales load structure group competitive median for 2021 and above the ASPG competitive median for 2021.

The Board considered that current contractual arrangements for the fund oblige FMR to pay all "class-level" expenses of each class of the fund to the extent necessary to limit total operating expenses, with certain exceptions, as follows: Initial Class: 0.14%; Service Class: 0.24%; and Service Class 2: 0.39%. These contractual arrangements may not be amended to increase the fees or expenses payable except by a vote of a majority of the Board.

<u>Fees Charged to Other Fidelity Clients.</u> The Board also considered Fidelity fee structures and other information with respect to clients of Fidelity, such as other funds advised or subadvised by Fidelity, pension plan clients, and other institutional clients with similar mandates. The Board noted that a joint ad hoc committee created by it and the boards of other Fidelity funds periodically reviews and compares Fidelity's institutional investment advisory business with its business of providing services to the Fidelity funds and also noted the most recent findings of the committee. The Board noted that the committee's review included a consideration of the differences in services provided, fees charged, and costs incurred, as well as competition in the markets serving the different categories of clients.

Based on its review of total expense ratios and fees charged to other Fidelity clients, the Board concluded that the total expense ratio of each class of the fund was reasonable in light of the services that the fund and its shareholders receive and the other factors considered.

Costs of the Services and Profitability. The Board considered the revenues earned and the expenses incurred by Fidelity in conducting the business of developing, marketing, distributing, managing, administering and servicing the fund and servicing the fund's shareholders. The Board also considered the level of Fidelity's profits in respect of all the Fidelity funds.

On an annual basis, Fidelity presents to the Board information about the profitability of its relationships with the fund. Fidelity calculates profitability information for each fund, as well as aggregate profitability information for groups of Fidelity funds and all Fidelity funds, using a series of detailed revenue and cost allocation methodologies which originate with the books and

records of Fidelity on which Fidelity's audited financial statements are based. The Audit Committee of the Board reviews any significant changes from the prior year's methodologies and the full Board approves such changes.

A public accounting firm has been engaged annually by the Board as part of the Board's assessment of Fidelity's profitability analysis. The engagement includes the review and assessment of the methodologies used by Fidelity in determining the revenues and expenses attributable to Fidelity's mutual fund business, and completion of agreed-upon procedures in respect of the mathematical accuracy of certain fund profitability information and its conformity to established allocation methodologies. After considering the reports issued under the engagement and information provided by Fidelity, the Board concluded that while other allocation methods may also be reasonable, Fidelity's profitability methodologies are reasonable in all material respects.

The Board also reviewed Fidelity's non-fund businesses and potential indirect benefits such businesses may have received as a result of their association with Fidelity's mutual fund business (i.e., fall-out benefits) as well as cases where Fidelity's affiliates may benefit from the funds' business. The Board considered areas where potential indirect benefits to the Fidelity funds from their relationships with Fidelity may exist. The Board's consideration of these matters was informed by the findings of a joint ad hoc committee created by it and the boards of other Fidelity funds to evaluate potential fall-out benefits.

The Board considered the costs of the services provided by and the profits realized by Fidelity in connection with the operation of the fund and was satisfied that the profitability was not excessive.

Economies of Scale. The Board considered whether there have been economies of scale in respect of the management of the Fidelity funds, whether the Fidelity funds (including the fund) have appropriately benefited from any such economies of scale, and whether there is potential for realization of any further economies of scale. The Board considered the extent to which the fund will benefit from economies of scale as assets grow through increased services to the fund, through waivers or reimbursements, or through fee or expense ratio reductions. The Board recognized that, due to the fund's current contractual arrangements, the expense ratio of each class will not decline if the class's operating costs decrease as assets grow, or rise as assets decrease. The Board also noted that a committee (the Economies of Scale Committee) created by it and the boards of other Fidelity funds periodically analyzes whether Fidelity attains economies of scale in respect of the management and servicing of the Fidelity funds, whether the Fidelity funds have appropriately benefited from such economies of scale, and whether there is potential for realization of any further economies of scale.

The Board concluded, taking into account the analysis of the Economies of Scale Committee, that economies of scale, if any, are being appropriately shared between fund shareholders and Fidelity.

Additional Information Requested by the Board. In order to develop fully the factual basis for consideration of the Fidelity funds' advisory contracts, the Board requested and received additional information on certain topics, including: (i) Fidelity's fund profitability methodology, profitability trends for certain funds, the allocation of various costs to different funds, and the impact of certain factors on fund profitability results; (ii) portfolio manager changes that have occurred during the past year and the amount of the investment that each portfolio manager has made in the Fidelity fund(s) that he or she manages; (iii) the extent to which current market conditions have affected retention and recruitment of personnel; (iv) the arrangements with and compensation paid to certain fund sub-advisers on behalf of the Fidelity funds and the treatment of such compensation within Fidelity's fund profitability methodology; (v) the terms of the funds' various management fee structures, including the basic group fee and the terms of Fidelity's voluntary expense limitation arrangements; (vi) Fidelity's transfer agent, pricing and bookkeeping fees, expense and service structures for different funds and classes relative to competitive trends; (vii) the impact on fund profitability of recent industry trends, such as the growth in passively managed funds and the changes in flows for different types of funds; (viii) the types of management fee and total expense comparisons provided, and the challenges and limitations associated with such information; and (ix) explanations regarding the relative total expense ratios and management fees of certain funds and classes, total expense and management fee competitive trends, and methodologies for total expense and management fee competitive comparisons. In addition, the Board considered its discussions with Fidelity regarding Fidelity's efforts to maintain the continuous investment and shareholder services necessary for the funds during the current pandemic and economic circumst

Based on its evaluation of all of the conclusions noted above, and after considering all factors it believed relevant, the Board concluded that the advisory fee arrangements are fair and reasonable, and that the fund's Advisory Contracts should be renewed.

Notes

Notes

