

### **GREAT GRAY COLLECTIVE INVESTMENT TRUST**

### FUNDS SUB-ADVISED BY AMUNDI ASSET MANAGEMENT US, INC.

### **FINANCIAL STATEMENTS**

**DECEMBER 31, 2024** 

WITH

**REPORT OF INDEPENDENT AUDITORS** 

### TABLE OF CONTENTS

Report of Independent Auditors	1
Fund Index	3
Pioneer Balanced Sustainable Trust	4
Pioneer Bond Fund Trust	8
Pioneer Emerging Markets Equity Focus Portfolio	36
Pioneer International Equity Portfolio	46
Pioneer Large Cap Growth Portfolio	53
Pioneer Large Cap Value Portfolio	59
Pioneer Select Mid Cap Growth Portfolio	66
Notes to the Financial Statements	73



#### **Report of Independent Auditors**

To the Board of Managers of Great Gray Trust Company, LLC

#### **Opinions**

We have audited the accompanying financial statements of each of the funds listed in the table below (collectively referred to as the "Funds"), which comprise the statement of assets and liabilities, including the schedule of investments, as of December 31, 2024 and the related statements of operations and of changes in net assets for the periods indicated in the table below, including the related notes, and the financial highlights for each of the periods indicated therein (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of each of the Funds listed in the table below as of December 31, 2024, and the results of each of their operations and the changes in each of their net assets for each of the periods indicated in the table below, and each of their financial highlights for each of the periods indicated therein, in accordance with accounting principles generally accepted in the United States of America.

- Pioneer Balanced Sustainable Trust <sup>(a)</sup>
- Pioneer Bond Fund Trust (a)
- Pioneer Emerging Markets Equity Focus Portfolio (a)
- Pioneer International Equity Portfolio (b)
- Pioneer Large Cap Growth Portfolio (a)
- Pioneer Large Cap Value Portfolio (a)
- Pioneer Select Mid Cap Growth Portfolio (a)

<sup>(a)</sup> Statement of operations and statement of changes in net assets for the year ended December 31, 2024 <sup>(b)</sup> Statement of operations and statement of changes in net assets for the period October 1, 2024 (date of inception) to December 31, 2024

#### **Basis for Opinions**

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (US GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audits of the Financial Statements section of our report. We are required to be independent of the Funds and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### **Responsibilities of Management for the Financial Statements**

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Funds' ability to continue as a going concern for one year after the date the financial statements are available to be issued.



#### Auditors' Responsibilities for the Audits of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with US GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Funds' internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Funds' ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audits, significant audit findings, and certain internal control-related matters that we identified during the audits.

Price waterhouse Coopers LLP

San Francisco, California April 30, 2025

### FUND INDEX

FUND NAME	FUND OBJECTIVE
Pioneer Balanced Sustainable Trust	The Fund seeks long-term capital growth and income. The Fund allocates the portfolio's assets between equity and debt securities based on its assessment of current business, economic, and market conditions. Normally, equity and debt securities each represent 35% to 65% of the Fund's assets. Performance is based on a benchmark of the Dow Jones U.S. Moderate Index measured over a full market cycle.
Pioneer Bond Fund Trust	The Fund seeks current income and total return using a benchmark of Bloomberg U.S. Aggregate Bond Index.
Pioneer Emerging Markets Equity Focus Portfolio	The Fund seeks long-term growth by investing primarily in equity securities of emerging markets issuers using a benchmark of MSCI Emerging Markets Index.
Pioneer International Equity Portfolio	The Fund seeks long-term capital growth using a benchmark of MSCI EAFE NR Index.
Pioneer Large Cap Growth Portfolio	The Fund seeks long-term growth of capital through investment principally in publicly-traded equity securities. Performance is based on a benchmark of the Russell 1000 <sup>®</sup> Growth Index measured over a full market cycle.
Pioneer Large Cap Value Portfolio	The Fund seeks current income and long-term growth of capital through investment principally in publicly-traded equity securities. Performance is based on a benchmark of the Russell 1000 <sup>®</sup> Value Index measured over a full market cycle.
Pioneer Select Mid Cap Growth Portfolio	The Fund seeks long-term growth of capital through investment principally in publicly-traded equity securities. Performance is based on a benchmark of the Russell Midcap Growth Index measured over a full market cycle.

#### **Pioneer Balanced Sustainable Trust**

Schedule of Investments December 31, 2024

	Principal Amount or Shares	Cost		Fair Value
Mutual Funds - 99.8%				
Pioneer Balanced ESG Fund Class K	1,138,104	\$ 11,600,313	\$	12,473,618
Total Mutual Funds		11,600,313		12,473,618
Total Investments - 99.8%		\$ 11,600,313	_	12,473,618
Other Assets and Liabilities, Net - 0.2%			-	19,933
Net Assets - 100.0%			\$	12,493,551

The following is a summary of the fair value of the investments in the Fund based on the inputs used to value them as of December 31, 2024 (see Note 3 in Notes to the Financial Statements):

	Fair Value Measurements							
	Level 1		Level 2		Level 3			Total
Mutual Funds	\$ 12,473,618	\$	-	\$		-	\$	12,473,618
Total	\$ 12,473,618	\$	-	\$		-	\$	12,473,618

**Concentration of Ownership:** As of December 31, 2024, the Fund had one unitholder holding 10% or more of the outstanding units of the Fund, and aggregated to 99.6% of the Fund's total units outstanding.

Supplementary Information (Unaudited): Total investment purchases, sales proceeds, and realized gain for the year ended December 31, 2024, were:

	P	Purchases at Cost			Realized Gain
Equity	\$	6,162,369	\$	2,437,012	\$ 405,970

### **Pioneer Balanced Sustainable Trust**

Statement of Assets and Liabilities December 31, 2024		
Assets Investments in securities, at fair value (cost \$11,600,313) Receivable for contribution from sub-advisor Receivable for fund units sold Dividends receivable Total assets Liabilities Payable for investment securities purchased Accrued trustee and sub-advisor fees Total liabilities Net Assets	\$ 12,473,618 19,941 2,656 11 12,496,226 2,656 19 2,675 \$ 12,493,551	
Statement of Operations		
For the year ended December 31, 2024		
Investment Income (Loss)		
<b>Income</b> Dividends Total income	<u>\$248,266</u> 248,266	
<b>Expenses</b> Trustee and sub-advisor fees Total expenses Net investment income	53 53 248,213	
Realized and Unrealized Gain / Loss		
Net realized gain (loss) on: Capital gains distributions from Underlying Funds Investments Net realized gain	46,736 405,970 452,706	
Change in net unrealized gain / loss on:	193,428	
Investments Change in net unrealized gain / loss Net realized and unrealized gain / loss Contribution from sub-advisor for acquired fund fees and expenses	193,428 646,134 69,046	

### **Pioneer Balanced Sustainable Trust**

Statement of Changes in Net Assets For the year ended December 31, 2024	
Increase (Decrease) in Net Assets	
Operations	
Net investment income	\$ 248,213
Net realized gain	452,706
Change in net unrealized gain / loss	193,428
Contribution from sub-advisor for acquired fund fees and expenses	 69,046
Increase in net assets from operations	 963,393
Unit transactions	
Proceeds from units issued	
Class 0TS	5,727,291
Class R1 <sup>^</sup>	101,566
Total proceeds from units issued	 5,828,857
Value of units redeemed	
Class 0TS	(2,408,643)
Class R1 <sup>^</sup>	(51,459)
Total value of units redeemed	 (2,460,102)
Increase in net assets resulting from unit transactions	 3,368,755
Increase in net assets	 4,332,148
Net assets, beginning of year	8,161,403
Net assets, end of year	\$ 12,493,551

^ Class R1 funded on 2/12/2024.

### **Pioneer Balanced Sustainable Trust**

Financial Highlights For the year ended December 31, 202	4			
Per Unit Operating Performance	C	lass 0TS	C	Class R1
Net asset value, beginning of year or at inception	\$	11.7300	\$	12.0700
Investment operations:				
Net investment income <sup>(1)</sup>		0.2997		0.3075
Net realized and unrealized gain / loss <sup>(1)</sup>		0.8467		0.4670
Contribution from sub-advisor for acquired fund fees and expenses <sup>(1)</sup>		0.0834		0.0734
Total from investment operations		1.2298		0.8479
Net asset value, end of year	\$	12.9598	\$	12.9179
Total Return		10.48%		7.02%^
Supplemental Data Ratio to average net assets:				
Expenses		0.00%		0.34% <sup>#</sup>
Net investment income		2.37%		2.75% <sup>#</sup>
Unit Activity				
Units, beginning of year		695,659		-
Issued		452,373		7,952
Redeemed		(187,780)		(4,171)
Units, end of year		960,252		3,781

<sup>(1)</sup> Based on average units outstanding.

^ Not annualized for periods less than one year. Class R1 funded on 2/12/2024.

# Annualized except audit expense.

### **Pioneer Bond Fund Trust**

Schedule of Investments December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Asset-Backed Securities - 9.3%			
Accelerated 2021-1H LLC, 2.350%, 10/20/2040	102,616	\$ 97,149	\$ 93,790
ACHM Trust 2024-HE2, 5.350%, 10/25/2039	1,112,150	1,105,857	1,098,544
ACM Auto Trust 2024-2, 6.060%, 2/20/2029	617,242	617,220	619,446
Affirm Asset Securitization Trust 2024-X1, 6.270%, 5/15/2029	504,700	504,700	506,395
Affirm Asset Securitization Trust 2024-X2, 5.220%, 12/17/2029	670,000	669,980	671,090
American Credit Acceptance Receivables Trust 2023-4, 6.990%, 9/12/2030	1,390,000	1,408,491	1,420,571
American Credit Acceptance Receivables Trust 2024-3, 6.040%, 7/12/2030	360,000	359,972	363,870
Amur Equipment Finance Receivables XI LLC, 7.250%, 5/21/2029	1,000,000	999,979	1,024,410
Amur Equipment Finance Receivables XII LLC, 6.360%, 12/20/2029	400,000	399,914	409,851
Amur Equipment Finance Receivables XIII LLC, 5.550%, 1/21/2031	1,580,000	1,579,934	1,592,519
Amur Equipment Finance Receivables XIV LLC, 5.970%, 10/20/2031	1,150,000	1,149,847	1,161,064
Aqua Finance Trust 2019-A, 4.010%, 7/16/2040	274,209	272,623	265,013
Aqua Finance Trust 2020-A, 3.970%, 7/17/2046	173,726	171,410	164,397
Arbor Realty Commercial Real Estate Notes 2021-FL3 Ltd., 6.362%, 8/15/2034 <sup>‡‡</sup> Arbor Realty Commercial Real Estate Notes 2022-FL1 Ltd.	827,000	816,876	819,968
6.048%, 1/15/2037 <sup>‡‡</sup>	1,300,474	1,295,832	1,298,830
6.898%, 1/15/2037 <sup>‡‡</sup>	700,000	698,559	696,504
Arbor Realty Commercial Real Estate Notes 2022-FL2 Ltd., 7.847%, 5/15/2037 <sup>‡‡</sup>	1,200,000	1,200,000	1,177,924
AREIT 2022-CRE6 Trust, 7.450%, 1/16/2037 <sup>‡‡</sup>	390,000	390,000	383,833
Ascent Career Funding Trust 2024-1, 6.770%, 10/25/2032	1,464,793	1,466,802	1,465,321
Avis Budget Rental Car Funding AESOP LLC	.,	.,	.,
5.850%, 6/20/2030	380,000	379,967	382,328
6.480%, 6/20/2030	530,000	529,884	537,531
BDS 2022-FL11 LLC, 6.166%, 3/19/2039 <sup>‡‡</sup>	2,833,760	2,832,889	2,835,435
Blackbird Capital II Aircraft Lease Ltd., 2.443%, 7/15/2046 BSPRT 2022-FL8 Issuer Ltd.	603,089	564,488	550,332
6.098%, 2/15/2037 <sup>‡‡</sup>	832,391	829,332	829,868
6.898%, 2/15/2037 <sup>‡‡</sup>	445,000	443,235	446,374
Cartiga Asset Finance Trust 2023-1 LLC, 7.000%, 3/15/2035	770,000	772,004	767,876
Cascade Funding Mortgage Trust, 3.250%, 11/25/2035 <sup>†</sup>	1,150,000	985,074	1,112,785
Cascade MH Asset Trust 2019-MH1, 4.000%, 11/25/2044 <sup>†</sup>	407,645	407,645	381,450
Cascade MH Asset Trust 2021-MH1	101,010	101,010	001,100
2.992%, 2/25/2046	340,000	302,024	256,778
3.693%, 2/25/2046	170,000	153,205	132,130
CFMT 2024-HB13 LLC, 3.000%, 5/25/2034 <sup>†</sup>	430,000	379,420	396,834
Commercial Equipment Finance 2021-A LLC, 3.550%, 12/15/2028	395,000	393,354	393,749
Continental Finance Credit Card ABS Master Trust, 5.780%, 12/15/2032	370,000	369,913	371,076
Crockett Partners Equipment Co. IIA LLC, 6.050%, 1/20/2031	838,666	838,570	844,843
DataBank Issuer, 5.300%, 1/26/2054	700,000	663,574	685,393
Dell Equipment Finance Trust 2024-1, 6.120%, 9/23/2030	300,000	299,992	304,368

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares		Cost		Fair Value
Asset-Backed Securities - 9.3% (continued)					<u>Vuluo</u>
Dell Equipment Finance Trust 2024-2, 5.290%, 2/24/2031	400,000	\$	399,967	\$	399,503
Exeter Automobile Receivables Trust 2023-5, 7.130%, 2/15/2030	1,500,000	Ŷ	1,499,682	Ψ	1,560,809
Exeter Automobile Receivables Trust 2024-3, 5.980%, 9/16/2030	1,130,000		1,129,812		1,142,039
Exeter Automobile Receivables Trust 2024-4, 5.810%, 12/16/2030	3,850,000		3,848,995		3,881,069
Exeter Automobile Receivables Trust 2024-5, 5.060%, 2/18/2031	1,230,000		1,229,805		1,205,170
FIGRE Trust 2023-HE1, 5.850%, 3/25/2053	1,628,799		1,637,408		1,634,710
FIGRE Trust 2024-HE3, 5.937%, 7/25/2054 <sup>†</sup>	2,095,545		2,095,533		2,080,323
Finance of America Structured Securities Trust, 2.750%, 9/25/2071	433,734		410,032		412,604
Foundation Finance Trust 2019-1, 4.220%, 11/15/2034	197,407		196,164		196,360
Foundation Finance Trust 2021-1, 1.270%, 5/15/2041	140,257		132,472		130,383
FS Rialto 2021-FL3, 5.762%, 11/16/2036 <sup>‡‡</sup>	1,824,105		1,817,167		1,818,905
GLS Auto Receivables Issuer Trust 2023-4, 7.180%, 8/15/2029	635,000		634,961		658,622
GLS Auto Receivables Issuer Trust 2024-2, 6.190%, 2/15/2030	760,000		759,844		772,890
GLS Auto Receivables Issuer Trust 2024-3, 5.530%, 2/18/2031	2,610,000		2,609,521		2,604,030
GLS Auto Select Receivables Trust 2024-2, 6.370%, 8/15/2031	1,740,000		1,807,348		1,757,583
GLS Auto Select Receivables Trust 2024-4, 5.280%, 10/15/2031	391,000		390,853		380,716
Golub Capital Partners CLO 24M-R Ltd., 6.816%, 11/5/2029 <sup>‡‡</sup>	1,580,000		1,580,000		1,581,383
Granite Park Equipment Leasing 2023-1 LLC, 7.000%, 8/22/2033	210,000		198,661		213,029
Hertz Vehicle Financing III L.P., 2.120%, 12/27/2027	1,310,000		1,228,125		1,232,707
Hertz Vehicle Financing III LLC, 6.700%, 1/25/2029 - 1/27/2031	1,605,000		1,642,567		1,610,868
HGI CRE CLO 2021-FL2 Ltd., 6.312%, 9/17/2036 <sup>‡‡</sup>	310,000		306,537		307,591
HOA Funding LLC - HOA, 4.723%, 8/20/2051	518,617		496,230		410,580
Home Partners of America 2019-1 Trust, 3.406%, 9/17/2039	251,520		235,286		235,039
Home Partners of America 2019-2 Trust, 3.320%, 10/19/2039	380,078		355,856		355,988
Home Partners of America 2021-3 Trust, 2.999%, 1/17/2041	680,823		595,551		606,136
Lendbuzz Securitization Trust 2024-3, 5.030%, 11/15/2030	1,350,000		1,349,747		1,333,382
Libra Solutions 2024-1 LLC, 5.880%, 9/30/2038	1,170,000		1,169,840		1,147,055
Merchants Fleet Funding LLC					
6.180%, 4/20/2037	1,130,000		1,129,805		1,141,032
6.850%, 4/20/2037	820,000		824,573		832,714
MF1 2020-FL4 Ltd., 6.196%, 11/15/2035 <sup>‡‡</sup>	521,781		520,935		522,044
MF1 Multifamily Housing Mortgage Loan Trust					
5.346%, 7/15/2036 <sup>‡‡</sup>	33,366		32,630		33,327
6.996%, 7/15/2036 <sup>‡‡</sup>	1,920,000		1,844,750		1,889,698
Mission Lane Credit Card Master Trust					
5.880%, 1/15/2030	1,540,000		1,539,860		1,538,513
6.320%, 1/15/2030	1,000,000		999,926		1,001,022
Mosaic Solar Loan Trust 2019-2, 2.880%, 9/20/2040	128,859		121,821		112,753
Nelnet Student Loan Trust 2021-A, 2.850%, 4/20/2062	455,000		413,463		383,845

### **Pioneer Bond Fund Trust**

Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares		Cost	Fair Value
Asset-Backed Securities - 9.3% (continued)				
NMEF Funding 2022-B LLC				
7.120%, 6/15/2029	2,070,000	\$	2,069,981	\$ 2,101,143
8.540%, 6/15/2029	295,000		294,967	297,177
NMEF Funding 2024-A LLC, 6.330%, 12/15/2031	1,410,000		1,409,871	1,402,630
Pagaya AI Debt Grantor Trust 2024-10, 5.183%, 6/15/2032	1,030,000		1,030,000	1,030,587
Pagaya AI Debt Trust 2024-1, 6.660%, 7/15/2031	371,034		371,582	375,506
Pagaya AI Debt Trust 2024-2, 6.769%, 8/15/2031 <sup>†</sup>	1,326,412		1,338,416	1,337,578
Pear 2024-1 LLC, 6.950%, 2/15/2036	1,038,081		1,038,080	1,044,335
Post Road Equipment Finance 2024-1 LLC, 5.810%, 10/15/2030	760,000		759,925	770,955
Prestige Auto Receivables Trust 2024-2, 5.150%, 7/15/2030	1,760,000		1,759,490	1,724,638
Ready Capital Mortgage Financing 2021-FL6 LLC, 5.653%, 7/25/2036 <sup>‡‡</sup>	1,750,000		1,711,214	1,737,741
Ready Capital Mortgage Financing 2021-FL7 LLC, 7.403%, 11/25/2036 <sup>‡‡</sup>	570,000		563,619	564,345
ReadyCap Lending Small Business Loan Trust 2023-3, 7.570%, 4/25/2048 <sup>‡‡</sup>	1,255,111		1,255,111	1,286,362
Regional Management Issuance Trust 2024-2, 5.110%, 12/15/2033	890,000		889,895	891,242
SAFCO Auto Receivables Trust 2024-1, 6.310%, 11/20/2028	750,000		749,927	757,402
Santander Drive Auto Receivables Trust 2024-2, 6.280%, 8/15/2031	730,000		729,912	750,869
Santander Drive Auto Receivables Trust 2024-4, 5.320%, 12/15/2031	1,920,000		1,919,959	1,901,762
Santander Drive Auto Receivables Trust 2024-5, 4.880%, 9/15/2027	2,810,000		2,809,896	2,814,586
SCF Equipment Leasing 2023-1 LLC, 6.770%, 8/22/2033	950,000		949,590	990,581
SCF Equipment Leasing 2024-1 LLC, 6.580%, 6/21/2033	410,000		409,983	417,074
STWD 2022-FL3 Ltd., 6.548%, 11/15/2038 <sup>‡‡</sup>	930,000		926,323	909,135
Towd Point HE Trust 2021- HE1, 2.500%, 2/25/2063 <sup>†</sup>	1,200,000		1,167,255	1,139,605
Towd Point Mortgage Trust 2024-CES1, 5.848%, 1/25/2064 <sup>†</sup>	2,570,275		2,570,237	2,588,102
Towd Point Mortgage Trust 2024-CES2, 6.125%, 2/25/2064 <sup>†</sup>	1,373,642		1,373,621	1,383,713
Tricolor Auto Securitization Trust 2024-1, 8.610%, 4/17/2028	930,000		929,990	967,925
Tricolor Auto Securitization Trust 2024-2, 6.930%, 4/17/2028	340,000		339,990	346,016
Tricolor Auto Securitization Trust 2024-3, 5.730%, 12/15/2028	844,000		844,310	842,477
Tricon American Homes 2020-SFR2 Trust, 2.730%, 11/17/2039	310,000		284,655	282,583
Veros Auto Receivables Trust 2024-1, 7.570%, 12/15/2028	2,470,000		2,526,171	2,563,776
Vista Point Securitization Trust 2024-CES1, 6.676%, 5/25/2054	1,531,659		1,531,643	1,552,535
VStrong Auto Receivables Trust 2023-A, 9.310%, 2/15/2030	500,000		560,838	552,187
Westgate Resorts 2022-1 LLC, 2.488%, 8/20/2036	332,326		329,261	324,727
Westlake Automobile Receivables Trust 2024-2, 5.910%, 4/15/2030	1,320,000		1,319,723	1,334,633
Westlake Automobile Receivables Trust 2024-3, 4.820%, 9/15/2027	1,580,000		1,579,899	1,582,340
Total Asset-Backed Securities		10	1,880,776	 102,153,179
Bank Loan Obligations - 0.1% Corporate - 0.1%				
Alpha Generation LLC Term Loan, (Floating, CME Term SOFR USD 1M + 2.750%), 7.107%, 9/30/2031 <sup>‡‡</sup>	483,788		482,598	486,570

### **Pioneer Bond Fund Trust**

#### Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Bank Loan Obligations - 0.1% (continued)			
Corporate - 0.1% (continued)			
LC Ahab US Bidco LLC Term Loan, (Floating, CME Term SOFR USD 1M + 3.000%),			
7.357%, 5/1/2031 <sup>‡‡</sup>	159,600 \$	158,872 \$	160,698
Total Corporate		641,470	647,268
Technology - 0.0%			
Amentum Holdings, Inc. Term Loan, (Floating, CME Term SOFR USD 1M + 2.250%),			
6.607%, 9/29/2031 <sup>‡‡</sup>	540,000	538,699	537,748
Total Technology		538,699	537,748
Total Bank Loan Obligations		1,180,169	1,185,016
Collateralized Mortgage Obligations - 37.3%	4 500 000	4 075 000	4 004 700
BBCMS Mortgage Trust 2021-C12, 2.902%, 11/15/2054	1,500,000	1,375,380	1,261,732
Benchmark 2018-B8 Mortgage Trust, 3.963%, 1/15/2052	660,000	660,233	638,965
Benchmark 2020-IG3 Mortgage Trust, 3.287%, 9/15/2048 <sup>†</sup>	235,000	219,352	126,755
Benchmark 2022-B34 Mortgage Trust, 3.830%, 4/15/2055 <sup>†</sup>	270,000	266,297	236,104
BINOM Securitization Trust 2022-RPL1, 3.000%, 2/25/2061 <sup>†</sup>	1,125,000	1,088,942	838,690
BSREP Commercial Mortgage Trust 2021-DC, 5.862%, 8/15/2038 <sup>‡‡</sup>	118,463 265,000	117,439	104,248
Bunker Hill Loan Depositary Trust 2020-1, 3.253%, 2/25/2055 <sup>†</sup>	685,000	259,648 641,055	240,886 602,337
BX Commercial Mortgage Trust 2021-VIV5, 2.843%, 3/9/2044 <sup>†</sup> BX Trust 2019-OC11, 3.202%, 12/9/2041	5,720,000	5,281,458	5,165,484
BX Trust 2019-0011, 3:202 %, 12/9/2041 BX Trust 2021-ARIA	5,720,000	5,201,450	5,105,404
5.411%, 10/15/2036 <sup>‡‡</sup>	860,000	855,913	857,581
5.808%, 10/15/2036 <sup>‡‡</sup>	780,000	775,880	777,806
6.407%, 10/15/2036 <sup>‡‡</sup>	2,420,000	2,393,417	2,413,194
CFMT 2024-HB14 LLC, 3.000%, 6/25/2034 <sup>†</sup>	640,000	582,851	596,360
CFMT 2024-HB15 LLC, 4.000%, 8/25/2034 <sup>†</sup>	1,390,000	1,263,220	1,283,291
Citigroup Commercial Mortgage Trust 2018-C5, 3.963%, 6/10/2051	473,351	469,299	456,892
COMM 2016-COR1 Mortgage Trust, 4.323%, 10/10/2049 <sup>†</sup>	605,000	588,337	517,672
COMM 2016-COR1 Mortgage Trust IO, 1.299%, 10/10/2049 <sup>†</sup>	251,193	2,571	3,305
COMM 2024-WCL1 Mortage Trust, 6.238%, 6/15/2041 <sup>‡‡</sup>	1,680,000	1,676,190	1,680,055
Connecticut Avenue Securities Trust 2022-R02, 7.569%, 1/25/2042 <sup>‡‡</sup>	1,785,000	1,803,690	1,831,632
Connecticut Avenue Securities Trust 2022-R05, 9.069%, 4/25/2042 <sup>‡‡</sup>	850,000	815,569	899,804
Connecticut Avenue Securities Trust 2024-R03, 6.510%, 3/25/2044 <sup>‡‡</sup>	1,550,000	1,553,358	1,574,744
Connecticut Avenue Securities Trust 2024-R05	, ,	. ,	, ,
6.269%, 7/25/2044 <sup>‡‡</sup>	390,000	390,000	391,860
6.569%, 7/25/2044 <sup>‡‡</sup>	2,040,000	2,042,528	2,043,839
Eagle RE 2023-1 Ltd., 8.510%, 9/26/2033 <sup>‡‡</sup>	890,000	890,000	920,744
Fannie Mae			
1.500%, 3/1/2042	4,965,715	4,116,810	3,988,246

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value
Collateralized Mortgage Obligations - 37.3% (continued)			
Fannie Mae (continued)			
2.000%, 12/1/2041 - 3/1/2052	14,159,401	\$ 11,852,816	\$ 11,197,347
2.500%, 7/1/2030 - 7/1/2052	35,350,046	30,595,957	29,152,322
3.000%, 10/1/2030 - 2/1/2057	20,309,488	17,893,349	17,387,940
3.500%, 6/1/2028 - 8/1/2058	4,678,914	4,544,341	4,183,407
4.000%, 4/1/2039 - 10/1/2052	2,531,985	2,395,389	2,334,405
4.500%, 8/1/2040 - 1/1/2054	2,184,067	2,184,859	2,082,613
5.000%, 2/1/2039 - 12/1/2054	2,815,237	2,825,558	2,734,835
5.500%, 7/1/2034 - 1/1/2055	9,339,436	9,411,218	9,280,481
6.000%, 1/1/2053 - 12/1/2054	18,874,994	19,302,369	19,076,833
6.500%, 2/1/2053 - 12/1/2054	23,314,088	23,936,632	23,903,265
7.000%, 4/1/2054 - 12/1/2054	3,688,830	3,846,641	3,853,253
Fannie Mae Grantor Trust 2004-T2, 4.975%, 7/25/2043 <sup>†</sup>	10,759	11,020	10,906
Fannie Mae REMIC, 4.500%, 6/25/2029	228	231	227
Fannie Mae REMIC IO, 4.000%, 11/25/2050	173,712	29,782	35,743
Fannie Mae TBA			
2.000%, 1/1/2053 <sup>γ</sup>	16,000,000	12,818,723	12,435,255
3.000%, 2/1/2053 <sup>γ</sup>	3,500,000	2,961,328	2,968,663
3.500%, 1/1/2052 - 2/1/2053 <sup>γ</sup>	14,000,000	12,562,433	12,376,730
4.000%, 1/1/2054 <sup>γ</sup>	6,000,000	5,541,289	5,484,307
4.500%, 1/1/2054 <sup>γ</sup>	7,000,000	6,693,941	6,581,093
5.000%, 1/1/2053 <sup>γ</sup>	10,600,000	10,366,479	10,226,623
5.500%, 1/1/2053 - 2/1/2053 <sup>γ</sup>	6,100,000	6,087,827	6,016,885
6.000%, 2/1/2054 <sup>Ŷ</sup>	4,800,000	4,813,313	4,820,099
FIGRE Trust 2024-HE6, 5.724%, 12/25/2054 <sup>†</sup>	4,450,000	4,449,928	4,452,781
Flagstar Mortgage Trust 2021-4 IO, 0.205%, 6/1/2051 <sup>†</sup>	14,066,861	93,949	147,594
Freddie Mac			
1.500%, 3/1/2042	4,049,069	3,385,972	3,249,407
2.000%, 2/1/2042 - 5/1/2052	8,410,180	6,948,045	6,569,688
2.500%, 1/1/2051 - 5/1/2052	6,588,304	5,791,184	5,428,575
3.000%, 10/1/2043 - 4/1/2053	13,538,429	11,776,049	11,537,975
3.500%, 12/1/2046 - 7/1/2052	2,723,096	2,509,540	2,431,188
4.000%, 10/1/2042 - 12/1/2052	1,086,387	1,025,068	1,003,898
5.000%, 12/1/2050 - 12/1/2054	1,241,180	1,255,104	1,208,416
5.500%, 9/1/2039 - 1/1/2055	5,367,889	5,407,826	5,347,611
6.000%, 10/1/2052 - 12/1/2054	15,955,067	16,271,720	16,147,888
6.500%, 1/1/2043 - 12/1/2054	33,764,416	34,593,232	34,622,493
7.000%, 6/1/2054 - 11/1/2054	3,877,161	4,052,535	4,057,771
Freddie Mac Gold			
3.000%, 10/1/2029 - 11/1/2042	264,907	258,640	236,601

### **Pioneer Bond Fund Trust**

Collateralized Mortgage Obligations - 37.3% (continued)           74000           3.500%, 7/12046           173.786         \$ 172,966         \$ 158,445           4.000%, 4/1/2047         33,083         33,578         30,630           6.000%, 5/1/2034         8,985         9,630         9,160           1.838%, 6/15/2042 <sup>±1</sup> 60,000         5583,102         622,077           Freddie Mac REMIC To         370,490         57,573         46,820           1.838%, 6/15/2042 <sup>±1</sup> 370,490         57,573         46,820           4.000%, 5/25/2050         122/52/2505         123/25/2014         1370,000         1220,318         1,379,377           Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042 <sup>±1</sup> 1,370,000         1,406,753         1,499,090           7.919%, 5/25/2042 <sup>±1</sup> 1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>±1</sup> 1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>±1</sup> 1,431,000         1,491,000         1,439,786           Freddie Mac STACR REMIC Trust 2024-DNA3         5,659%, 10/25/2044 <sup>±1</sup> 1,900         1,491,000         1,491,000         1,491,000         1,491,000         1,493,786           Freddie Mac STACR REMIC Trust 2024-D		Principal Amount or Shares		Cost		Fair Value
Freddie Mac Gold (continued)         173.786         \$ 172.966         \$ 158.445           3.500%, 7/1/2047         33.083         33.578         \$ 0.000%, 51/2034         8.895         9.630         9.160           Freddie Mac Multifamily Structured Credit Risk, 8.569%, 11/25/2051 <sup>4±</sup> 610.000         563.102         622.077           Freddie Mac REMIC 10         1.338%, 815/2042 <sup>4±</sup> 370.490         57.573         46.820           4.000%, 5/25/2050         428.222         71,183         90.660           Freddie Mac STACR REMIC Trust 2021-HQA3, 6.669%, 9/25/2041 <sup>4±±</sup> 1.370.000         1.220.318         1.379.377           Freddie Mac STACR REMIC Trust 2022-DNA1         7.069%, 1/25/2042 <sup>4±</sup> 600.000         545.384         610.839           Freddie Mac STACR REMIC Trust 2022-DNA3         5.569%, 10/25/2044 <sup>2±</sup> 920.000         920.549         998.624           Freddie Mac STACR REMIC Trust 2024-DNA3         5.569%, 10/25/2044 <sup>2±</sup> 1.491.000         1.493.796           Freddie Mac STACR REMIC Trust 2024-DNA3         5.569%, 10/25/2044 <sup>2±</sup> 1.080.000         1.080.000         1.080.000           S.569%, 10/25/2044 <sup>2±</sup> 1.491.000         1.491.000         1.493.796         1.491.000         1.493.796           Freddie Mac STACR REMIC Trust 2024-INA3         5.569%, 10/25/204	Collateralized Mortgage Obligations - 37.3% (continued)					
3.500%, 7/1/2046         173,786         \$         172,966         \$         158,445           4.000%, 4/1/2047         33,083         33,578         30,630           6.000%, 5/1/2034         8,895         9,630         9,160           Freddie Mac Multifamily Structured Credit Risk, 8.569%, 11/25/2051 <sup>±±</sup> 610,000         583,102         622,077           Freddie Mac REMIC 10         1.338, 615/2042 <sup>±±</sup> 610,000         583,102         622,077           1.338, 615/2042 <sup>±±</sup> 370,490         57,573         46,820           4.000%, 5/25/2050 - 12/25/2050 - 12/25/2050         41,79,976         438,222         71,183         90,660           Freddie Mac STACR REMIC Trust 2022-DNA4         1,370,000         545,384         610,839         Freddie Mac STACR REMIC Trust 2022-DNA4         1,433,000         1,406,753         1,499,090         98,15%, 525/2042 <sup>±±</sup> 920,000         920,549         98,664           Freddie Mac STACR REMIC Trust 2024-DNA3         5619%, 10/25/2044 <sup>±±</sup> 1,431,000         1,401,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000         1,491,000						
4.000%, 4/1/2047         33.083         33.578         30.630           6.000%, 5/1/2034         8.895         9.630         9.160           Freddie Mac REMIC 10         583.102         622.077           1.838%, 8/15/2042 <sup>1±</sup> 370.490         57.573         46.820           4.000%, 525/2050         1225/2050         438.222         71.183         90.660           Freddie Mac STACR REMIC Trust 2021-HQA3, 6.669%, 9/25/2041 <sup>1±1</sup> 1,370.000         1.220.318         1,379.377           Freddie Mac STACR REMIC Trust 2022-DNA1         7.069%, 1/25/2042 <sup>1±1</sup> 600.000         545.384         610.039           Freddie Mac STACR REMIC Trust 2024-DNA3         5563%, 10/25/2044 <sup>2±1</sup> 1,433.000         1,406.753         1,499.090           9.819%, 5/25/2042 <sup>2±1</sup> 1,433.000         1,409.753         1,499.090         9.819%, 5/25/2042 <sup>2±1</sup> 9.663           Freddie Mac STACR REMIC Trust 2024-DNA3         5563%, 10/25/2044 <sup>±±1</sup> 1,491.000         1,493.796           5.619%, 10/25/2044 <sup>±±1</sup> 575.351         575.351         575.351         575.351           Sc582%, 10/25/2044 <sup>±±1</sup> 1,491.000         1,493.090         1,996.741         1,493.090           Sc593%, 10/25/2044 <sup>±±1</sup> 575.351         575.351         575.351 <td< td=""><td></td><td>173.786</td><td>\$</td><td>172.966</td><td>\$</td><td>158.445</td></td<>		173.786	\$	172.966	\$	158.445
6.000%, 5'1/2034         8,895         9,630         9,160           Freddie Mac Multifamily Structured Credit Risk, 8.569%, 11/25/2051 <sup>‡‡</sup> 610,000         583.102         622.077           Freddie Mac REMIC 10         370,490         57,573         46,820           4.000%, 5/25/2050 - 12/25/2050         438,222         71,183         90,660           Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042 <sup>‡‡</sup> 1,370,000         545,384         610,339           Freddie Mac STACR REMIC Trust 2022-DNA4         7.919%, 5/25/2042 <sup>‡‡</sup> 1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>‡±</sup> 1,433,000         1,406,753         1,499,090         98,624           Freddie Mac STACR REMIC Trust 2024-DNA3         5/569%, 10/25/2042 <sup>±‡</sup> 1,080,000         1,080,000         1,092,774           Freddie Mac STACR REMIC Trust 2024-HOA2, 6.369%, 8/25/2044 <sup>±‡</sup> 1,080,000         1,080,000         1,092,674           Freedie Mac STACR REMIC Trust 2024-HOA2, 6.369%, 8/25/2044 <sup>±‡</sup> 1,080,000         1,092,674         FREME 2019-K88 Mortgage Trust, 4.384%, 2/25/205/5         182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 8/15/2046         492,591         496,623         451,903           4.000%, 8/15/2046         492,591			1		1	
Freddie Mac Multifamily Structured Credit Risk, 8.569%, 11/25/2051 <sup>4+</sup> 610,000         583,102         622,077           Freddie Mac REMIC IO         370,490         57,573         46,820           1.838%, 6/15/2042 <sup>1+1</sup> 370,490         57,573         46,820           4.000%, 5/25/2050 - 12/25/2050         438,222         71,183         90,660           Freddie Mac STACR REMIC Trust 2021-H0A3, 6.669%, 9/25/2041 <sup>1+1</sup> 1,370,000         1,220,318         1,379,377           Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042 <sup>1+1</sup> 1,433,000         1,406,753         1,499,090           9,819%, 5/25/2042 <sup>1+1</sup> 1,433,000         1,406,753         1,499,090           9,819%, 5/25/2042 <sup>1+1</sup> 1,430,000         1,406,753         1,499,090           9,819%, 5/25/2042 <sup>1+1</sup> 1,430,000         1,406,753         1,499,090           9,819%, 5/25/2042 <sup>1+1</sup> 1,400,000         1,409,170         1,493,790           5.669%, 10/25/2044 <sup>1+1</sup> 575,351         575,351         575,351           5.769,50         10/25/2044 <sup>1+1</sup> 1,491,000         1,493,790           5.669%, 10/25/2044 <sup>1+1</sup> 1,491,000         1,493,790         436,741           FREME 2019-K88 Mortgage Trust, 4,384%, 2/25/20257         182,386         182,152						
Freddie Mac REMIC IO           1.838%, 8/15/2042 <sup>114</sup> 370,490         57,573         46,820           4.000%, 5/25/2050         1428,222         71,183         90,660           Freddie Mac STACR REMIC Trust 2021-HQA3, 6.669%, 9/25/2041 <sup>‡‡</sup> 1,370,000         1,220,318         1,379,377           Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042 <sup>‡‡</sup> 600,000         545,384         610,839           Freddie Mac STACR REMIC Trust 2022-DNA4         1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>‡‡</sup> 920,000         920,549         998,624           Freddie Mac STACR REMIC Trust 2024-DNA3         5569%, 10/25/2044 <sup>‡‡</sup> 1,491,000         1,493,796           S 569%, 10/25/2044 <sup>‡‡</sup> 575,351         575,351         575,389           S 619%, 10/25/2044 <sup>‡‡</sup> 1,800,000         1,092,674           FREME 2019-K88 Mortgage Trust, 4,384%, 2/25/2052 <sup>†</sup> 460,000         451,990           Fredie Mac STACR REMIC Trust 2024-HQA2, 6,369%, 8/25/2042 <sup>±†</sup> 1,800,000         1,092,674           FREME 2019-K88 Mortgage Trust, 4,384%, 2/25/2052 <sup>†</sup> 460,000         451,990         45,741           S 00%, 1/15/2045         536,697         552,474         503,099           4.000%, 8/15/2040         9/15/2045         536,						
4.000%, 5/25/2050 - 12/25/2050         438,222         71,183         90,660           Freddie Mac STACR REMIC Trust 2021-HQA3, 6.669%, 9/25/2041 <sup>±‡</sup> 1,370,000         1,220,318         1,379,377           Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042 <sup>±‡</sup> 600,000         545,384         610,839           Freddie Mac STACR REMIC Trust 2022-DNA4         1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>±‡</sup> 1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>±‡</sup> 20,000         920,549         986,624           Freddie Mac STACR REMIC Trust 2024-DNA3         5         575,351         575,351         575,389           5.619%, 10/25/2044 <sup>±‡</sup> 506,9%, 8/25/2044 <sup>±‡</sup> 1,080,000         1,092,674           Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>±‡</sup> 1,080,000         1,092,674           FREME 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association 1         3.500%, 11/15/2041 - 8/15/2045         536,697         552,474         503,099           4.500%, 12/15/2039 - 7/15/2041         61,52045         16,015         17,376         16,298           5.000%, 3/15/2033 - 9/15/2035         22,649         24,376						
Freddie Mac STACR REMIC Trust 2021-HQA3, 6.669%, 9/25/2041 <sup>±±</sup> 1,370,000         1,220,318         1,379,377           Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042 <sup>±±</sup> 600,000         545,384         610,839           Freddie Mac STACR REMIC Trust 2022-DNA4         1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>±±</sup> 920,000         920,549         998,624           Freddie Mac STACR REMIC Trust 2024-DNA3         5.569%, 10/25/2044 <sup>±±</sup> 575,351         575,351         575,351           5.619%, 10/25/2044 <sup>±±</sup> 1,491,000         1,491,000         1,493,796           Freddie Mac STACR REMIC Trust 2024-HCA2, 6.369%, 8/25/2044 <sup>±±</sup> 1,080,000         1,080,000         1,092,674           FREMF 2019-8488 Mortgage Trust, 4.384%, 2/25/2052 <sup>±</sup> 182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 11/15/2041 - 8/15/2046         492,591         496,230         451,903           4.000%, 8/15/2040 - 8/15/2045         586,697         552,474         503,099         4.500%, 12/15/2039 - 7/15/2045         5.600%, 12/15/2039 - 7/15/2045         5.600%, 12/15/2032 - 1/15/2035         16,015         17,376         16,298           6.000%, 3/15/2033 - 9/15/2035         22,649         24,376         23,314         12,665	1.838%, 8/15/2042 <sup>‡‡</sup>	370,490		57,573		46,820
Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042 <sup>±±</sup> 600,000         545,384         610,839           Freddie Mac STACR REMIC Trust 2022-DNA4         1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>±±</sup> 920,000         920,549         998,624           Freddie Mac STACR REMIC Trust 2024-DNA3         575,351         575,351         575,351         575,351           5.659%, 10/25/2044 <sup>±±</sup> 1,491,000         1,493,796         1,493,796           Freddie Mac STACR REMIC Trust 2024-HOA2, 6.369%, 8/25/2044 <sup>±±</sup> 1,080,000         1,080,000         1,080,000           Freddie Mac STACR REMIC Trust 2024-HOA2, 6.369%, 8/25/2044 <sup>±±</sup> 1,080,000         1,080,000         1,080,000           Freddie Mac STACR REMIC Trust 2024-HOA2, 6.369%, 8/25/2045 <sup>±</sup> 460,000         451,990         436,741           FRESB 2018-SBS2 Mortgage Trust, 3.390%, 6/25/2025 <sup>±</sup> 460,000         451,990         436,741           FRESB 2018-SBS2 Mortgage Trust, 3.390%, 6/25/2025 <sup>±</sup> 182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 12/15/2033 - 7/15/2035         16,015         17,376         16,298           6.000%, 3/15/2033 - 9/15/2035         12,615         13,316         12,665         Government National Mortgage Association II         2 </td <td>4.000%, 5/25/2050 - 12/25/2050</td> <td>438,222</td> <td></td> <td>71,183</td> <td></td> <td>90,660</td>	4.000%, 5/25/2050 - 12/25/2050	438,222		71,183		90,660
Freddie Mac STACR REMIC Trust 2022-DNA4           7.919%, 5/25/2042 <sup>‡‡</sup> 1,433,000         1,406,753         1,499,090           9 819%, 5/25/2042 <sup>‡‡</sup> 920,000         920,549         998,624           Freddie Mac STACR REMIC Trust 2024-DNA3         5<569%, 10/25/2044 <sup>‡‡</sup> 575,351         575,351         575,351           5.619%, 10/25/2044 <sup>‡‡</sup> 1,491,000         1,491,000         1,493,796           Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>‡‡</sup> 1,080,000         1,080,000         1,092,674           FREME 2019-K88 Mortgage Trust, 3.390%, 6/25/2052 <sup>†</sup> 460,000         451,990         436,741           FRESS 2018-SB52 Mortgage Trust, 3.390%, 6/25/2052 <sup>†</sup> 182,386         182,152         180.833           Government National Mortgage Association I         3.500%, 11/15/2041 - 8/15/2046         492,591         496,230         451,903           4.500%, 12/15/2031 - 3/15/2045         536,6697         552,474         503,099         4500%, 4/15/2035         9,171         9,676         9,152           5.000%, 4/15/2033 - 17/15/2035         16,015         17,376         16,298         6,000%, 3/16/2032 - 1/15/2033         12,375         13,316         12,665           Government National Mortgage Association II         2         2,000%, 3/20/2052         1,946,579	Freddie Mac STACR REMIC Trust 2021-HQA3, 6.669%, 9/25/2041 <sup>‡‡</sup>	1,370,000		1,220,318		1,379,377
7.919%, 5/25/2042 <sup>±‡</sup> 1,433,000         1,406,753         1,499,090           9.819%, 5/25/2042 <sup>±‡</sup> 920,000         920,549         998,624           Freddie Mac STACR REMIC Trust 2024-DNA3         5569%, 10/25/2044 <sup>±‡</sup> 575,351         575,351         575,351         575,351           5.619%, 10/25/2044 <sup>±‡</sup> 1,491,000         1,493,796         1,491,000         1,493,796           Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>±‡</sup> 1,080,000         1,080,000         1,092,674           RESB 2018-SB52 Mortgage Trust, 4.384%, 2/25/2052 <sup>†</sup> 460,000         451,990         436,741           FRESB 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 11/15/2041 - 8/15/2045         536,697         552,474         503,099           4.000%, 8/15/2039 - 7/15/2045         9,171         9,676         9,152           5.000%, 11/15/2034 - 7/15/2035         16,015         17,376         16,298           6.000%, 3/12/5033 - 9/15/2035         22,649         24,376         23,314           6.500%, 12/15/2033 - 1/15/2033         1,946,579         1,602,653         1,557,752           2.500%, 5/20/2052         1,938,107         1,650,488         1,618,719 </td <td>Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042<sup>‡‡</sup></td> <td>600,000</td> <td></td> <td>545,384</td> <td></td> <td>610,839</td>	Freddie Mac STACR REMIC Trust 2022-DNA1, 7.069%, 1/25/2042 <sup>‡‡</sup>	600,000		545,384		610,839
9.819%, 5/25/2042 <sup>±‡</sup> 920,000         920,549         998,624           Freddie Mac STACR REMIC Trust 2024-DNA3         5569%, 10/25/2044 <sup>±‡</sup> 575,351         575,389           5.619%, 10/25/2044 <sup>±‡</sup> 1,491,000         1,493,796         1,491,000         1,493,796           Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>±‡</sup> 1,080,000         1,080,000         1,092,674           FREMF 2019-K88 Mortgage Trust, 4.384%, 2/25/2052 <sup>†</sup> 460,000         451,990         436,741           FRESB 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 11/15/2041 - 8/15/2045         536,697         552,474         503,099           4.000%, 8/15/2040 - 8/15/2045         9,171         9,676         9,152           5.000%, 11/15/2034 - 7/15/2035         16,015         17,376         16,298           6.000%, 3/15/2033 - 9/15/2035         22,649         24,376         23,314           6.500%, 12/15/2032 - 1/15/2035         1,946,579         1,602,653         1,557,752           2.000%, 3/20/2052         1,946,579         1,602,653         1,567,752           2.000%, 5/20/2052         1,946,579         1,602,653         1,567,752           2.000%, 5/20/2052 </td <td>Freddie Mac STACR REMIC Trust 2022-DNA4</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Freddie Mac STACR REMIC Trust 2022-DNA4					
Freddie Mac STACR REMIC Trust 2024-DNA3           5.569%, 10/25/2044 <sup>‡‡</sup> 575,351         575,351         575,389           5.619%, 10/25/2044 <sup>‡‡</sup> 1,491,000         1,493,796           Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>‡‡</sup> 1,080,000         1,080,000         1,092,674           FREMF 2019-K88 Mortgage Trust, 4.384%, 2/25/2052 <sup>†</sup> 460,000         451,990         436,741           FRESS 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association I	7.919%, 5/25/2042 <sup>‡‡</sup>	1,433,000		1,406,753		1,499,090
5.569%, 10/25/2044 <sup>‡‡</sup> 575,351         575,351         575,389           5.619%, 10/25/2044 <sup>‡‡</sup> 1,491,000         1,491,000         1,493,796           Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>‡‡</sup> 1,080,000         1,080,000         1,092,674           FREMF 2019-K88 Mortgage Trust, 4.384%, 2/25/2052 <sup>†</sup> 460,000         451,990         436,741           FRESB 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 11/15/2041 - 8/15/2046         492,591         496,230         451,903           4.000%, 8/15/2040 - 8/15/2045         536,697         552,474         503,099           4.500%, 12/15/2039 - 7/15/2045         9,171         9,676         9,152           5.500%, 11/15/2034 - 7/15/2035         16,015         17,376         16,288           6.000%, 3/15/2033 - 9/15/2035         22,649         24,376         23,314           6.500%, 12/15/2032 - 1/15/2033         12,375         13,316         12,665           Government National Mortgage Association II         2         2         1,946,579         1,602,653         1,557,752           2.500%, 5/20/2052         1,936,107         1,665,488         1,618,719         3,000         5,007,614	9.819%, 5/25/2042 <sup>‡‡</sup>	920,000		920,549		998,624
5.619%, 10/25/2044 <sup>‡‡</sup> 1,491,000         1,491,000         1,493,796           Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>‡‡</sup> 1,080,000         1,080,000         1,092,674           FREMF 2019-K88 Mortgage Trust, 4.384%, 2/25/2052 <sup>†</sup> 460,000         451,990         436,741           FRESB 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 11/15/2041 - 8/15/2046         492,591         496,230         451,903           4.000%, 8/15/2040 - 8/15/2045         536,697         552,474         503,099         4.500%, 12/15/2039 - 7/15/2045         66,178           5.000%, 11/15/2034 - 7/15/2045         9,171         9,676         9,152           5.500%, 11/15/2033 - 9/15/2045         16,015         17,376         16,288           6.000%, 3/15/2033 - 9/15/2035         22,649         24,376         23,314           6.500%, 12/15/2032 - 1/15/2033         12,375         13,316         12,665           Government National Mortgage Association II         2.000%, 5/20/2052         1,946,579         1,602,653         1,557,752           2.500%, 5/20/2052         1,936,057         1,602,653         1,567,752         2.500%, 6/20/2052         1,936,258         1,707,701         1,678,71	Freddie Mac STACR REMIC Trust 2024-DNA3					
Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>‡‡</sup> 1,080,000         1,080,000         1,092,674           FREMF 2019-K88 Mortgage Trust, 4.384%, 2/25/2052 <sup>†</sup> 460,000         451,990         436,741           FRESB 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 11/15/2041 - 8/15/2045         536,697         552,474         503,099           4.500%, 8/15/2040 - 8/15/2045         536,697         552,474         503,099         4.500%, 12/15/2039 - 7/15/2041         67,569         70,568         65,178           5.000%, 4/15/2039 - 7/15/2035         9,171         9,676         9,152         5.500%, 11/15/2034 - 7/15/2035         16,015         17,376         16,298           6.000%, 3/16/2033 - 9/15/2035         12,375         12,375         13,316         12,665           Government National Mortgage Association II         2.000%, 3/20/2052         1,946,579         1,602,653         1,557,752           2.500%, 5/20/2052         1,938,107         1,650,488         1,618,719           3.000%, 5/20/2052         1,938,107         1,650,488         1,618,719           3.000%, 5/20/2052         1,936,258         1,707,701         1,678,713           3.500%, 6/20/2043 - 9/20/2052	5.569%, 10/25/2044 <sup>‡‡</sup>	575,351		575,351		575,389
FREMF 2019-K88 Mortgage Trust, 4.384%, 2/25/2052 <sup>†</sup> 460,000         451,990         436,741           FRESB 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association I	5.619%, 10/25/2044 <sup>‡‡</sup>	1,491,000		1,491,000		1,493,796
FRESB 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup> 182,386         182,152         180,833           Government National Mortgage Association I         3.500%, 11/15/2041 - 8/15/2046         492,591         496,230         451,903           4.000%, 8/15/2040 - 8/15/2045         536,697         552,474         503,099           4.500%, 12/15/2039 - 7/15/2041         67,569         70,568         65,178           5.000%, 4/15/2035         9,171         9,676         9,152           5.500%, 11/15/2034 - 7/15/2035         16,015         17,376         16,298           6.000%, 3/15/2033 - 9/15/2035         22,649         24,376         23,314           6.500%, 12/15/2032 - 1/15/2033         12,375         13,316         12,665           Government National Mortgage Association II         2         1,946,579         1,602,653         1,557,752           2.500%, 5/20/2052         1,938,107         1,650,488         1,618,719         3,000%, 5/20/2052         1,936,288         1,707,701         1,678,713           3.500%, 6/20/2043 - 9/20/2052         3,717,124         3,443,618         3,347,883         4,000%, 7/20/2044 - 4/20/2048         386,870         393,961         361,906           4.500%, 6/20/2040 - 4/20/2049         1,967,330         1,951,103         1,889,300         5,000%, 2/	Freddie Mac STACR REMIC Trust 2024-HQA2, 6.369%, 8/25/2044 <sup>‡‡</sup>	1,080,000		1,080,000		1,092,674
Government National Mortgage Association I           3.500%, 11/15/2041 - 8/15/2046         492,591         496,230         451,903           4.000%, 8/15/2040 - 8/15/2045         536,697         552,474         503,099           4.500%, 12/15/2039 - 7/15/2041         67,569         70,568         65,178           5.000%, 4/15/2035         9,171         9,676         9,152           5.500%, 11/15/2033 - 9/15/2035         16,015         17,376         16,298           6.000%, 3/15/2033 - 9/15/2035         22,649         24,376         23,314           6.500%, 12/15/2032 - 1/15/2033         12,375         13,316         12,665           Government National Mortgage Association II         2.000%, 3/20/2052         1,946,579         1,602,653         1,557,752           2.500%, 5/20/2052         1,938,107         1,650,488         1,618,719         3.000%, 5/20/2052         1,936,258         1,707,701         1,678,713           3.500%, 6/20/2043 - 9/20/2052         3,717,124         3,443,618         3,347,883         4.000%, 7/20/2044 - 4/20/2048         368,870         393,961         361,906           4.500%, 6/20/2040 - 4/20/2049         1,967,330         1,951,103         1,889,300         5.000%, 9/20/2052         495,618         490,328         493,630           5.000%, 9/	FREMF 2019-K88 Mortgage Trust, 4.384%, 2/25/2052 <sup>†</sup>	460,000		451,990		436,741
3.500%, 11/15/2041 - 8/15/2046       492,591       496,230       451,903         4.000%, 8/15/2040 - 8/15/2045       536,697       552,474       503,099         4.500%, 12/15/2039 - 7/15/2041       67,569       70,568       65,178         5.000%, 4/15/2035       9,171       9,676       9,152         5.500%, 11/15/2034 - 7/15/2035       16,015       17,376       16,298         6.000%, 3/15/2033 - 9/15/2035       22,649       24,376       23,314         6.500%, 12/15/2032 - 1/15/2033       12,375       13,316       12,665         Government National Mortgage Association II       1,946,579       1,602,653       1,557,752         2.500%, 5/20/2052       1,938,107       1,650,488       1,618,719         3.000%, 5/20/2052       1,936,258       1,707,701       1,678,713         3.500%, 6/20/2043 - 9/20/2052       3,717,124       3,443,618       3,347,883         4.000%, 7/20/2044 - 4/20/2048       386,870       333,961       361,906         4.500%, 6/20/2047 - 6/20/2049       19,67,330       1,951,103       1,889,300         5.000%, 9/20/2052       495,618       490,328       493,630         5.000%, 9/20/2052       495,618       490,328       493,630         6.000%, 9/20/2052       495,618	FRESB 2018-SB52 Mortgage Trust, 3.390%, 6/25/2025 <sup>†</sup>	182,386		182,152		180,833
4.000%, 8/15/2040 - 8/15/2045       536,697       552,474       503,099         4.500%, 12/15/2039 - 7/15/2041       67,569       70,568       65,178         5.000%, 4/15/2035       9,171       9,676       9,152         5.500%, 11/15/2034 - 7/15/2035       16,015       17,376       16,298         6.000%, 3/15/2033 - 9/15/2035       22,649       24,376       23,314         6.500%, 12/15/2032 - 1/15/2033       12,375       13,316       12,665         Government National Mortgage Association II       1       1,602,653       1,557,752         2.000%, 3/20/2052       1,946,579       1,602,653       1,557,752         2.500%, 5/20/2052       1,938,107       1,650,488       1,618,719         3.000%, 5/20/2052       1,936,258       1,707,701       1,678,713         3.500%, 6/20/2043 - 9/20/2052       3,717,124       3,443,618       3,347,883         4.000%, 7/20/2044 - 4/20/2048       386,870       393,961       361,906         4.500%, 6/20/2040 - 4/20/2049       1,967,330       1,951,103       1,889,300         5.000%, 9/20/2052       495,618       490,328       493,630         5.000%, 9/20/2052       495,618       490,328       493,630         5.000%, 9/20/2052       495,618       490,328 </td <td>Government National Mortgage Association I</td> <td></td> <td></td> <td></td> <td></td> <td></td>	Government National Mortgage Association I					
4.500%, 12/15/2039 - 7/15/2041       67,569       70,568       65,178         5.000%, 4/15/2035       9,171       9,676       9,152         5.500%, 11/15/2034 - 7/15/2035       16,015       17,376       16,298         6.000%, 3/15/2033 - 9/15/2035       22,649       24,376       23,314         6.500%, 12/15/2032 - 1/15/2033       12,375       13,316       12,665         Government National Mortgage Association II       1,946,579       1,602,653       1,557,752         2.000%, 5/20/2052       1,938,107       1,650,488       1,618,719         3.000%, 5/20/2052 - 6/20/2052       1,936,258       1,707,701       1,678,713         3.500%, 6/20/2043 - 9/20/2052       3,717,124       3,443,618       3,347,883         4.000%, 7/20/2044 - 4/20/2048       386,870       393,961       361,906         4.500%, 6/20/2040 - 4/20/2049       1,967,330       1,951,103       1,889,300         5.000%, 9/20/2052       495,618       490,328       493,630         5.000%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO       1/20/2050 <sup>±±</sup> 57,348       10,224	3.500%, 11/15/2041 - 8/15/2046	492,591		496,230		451,903
5.000%, 4/15/20359,1719,6769,1525.500%, 11/15/2034 - 7/15/203516,01517,37616,2986.000%, 3/15/2033 - 9/15/203522,64924,37623,3146.500%, 12/15/2032 - 1/15/203312,37513,31612,665Government National Mortgage Association II2.000%, 3/20/20521,946,5791,602,6531,557,7522.500%, 5/20/2052 - 6/20/20521,938,1071,650,4881,618,7193.000%, 5/20/2052 - 6/20/20521,936,2581,707,7011,678,7133.500%, 6/20/2043 - 9/20/20523,717,1243,443,6183,347,8834.000%, 7/20/2044 - 4/20/2048386,870393,961361,9064.500%, 6/20/2037 - 6/20/20491,967,3301,951,1031,889,3005.000%, 9/20/2052495,618490,328493,630Government National Mortgage Association IO1/20/2050 <sup>‡‡</sup> 899,24757,34810,224	4.000%, 8/15/2040 - 8/15/2045	536,697		552,474		503,099
5.500%, 11/15/2034 - 7/15/203516,01517,37616,2986.000%, 3/15/2033 - 9/15/203522,64924,37623,3146.500%, 12/15/2032 - 1/15/203312,37513,31612,665Government National Mortgage Association II2.000%, 3/20/20521,946,5791,602,6531,557,7522.500%, 5/20/2052 - 6/20/20521,938,1071,650,4881,618,7193.000%, 5/20/2052 - 6/20/20521,936,2581,707,7011,678,7133.500%, 6/20/2043 - 9/20/20523,717,1243,443,6183,347,8834.000%, 7/20/2044 - 4/20/2048386,870393,961361,9064.500%, 6/20/2037 - 6/20/20491,967,3301,951,1031,889,3005.000%, 9/20/2052495,618490,328493,630Government National Mortgage Association IO1/20/2050 <sup>‡‡</sup> 899,24757,34810,224	4.500%, 12/15/2039 - 7/15/2041	67,569		70,568		65,178
6.000%, 3/15/2033 - 9/15/203522,64924,37623,3146.500%, 12/15/2032 - 1/15/203312,37513,31612,665Government National Mortgage Association II2.000%, 3/20/20521,946,5791,602,6531,557,7522.500%, 5/20/20521,938,1071,650,4881,618,7193.000%, 5/20/2052 - 6/20/20521,936,2581,707,7011,678,7133.500%, 6/20/2043 - 9/20/20523,717,1243,443,6183,347,8834.000%, 7/20/2044 - 4/20/2048386,870393,961361,9064.500%, 6/20/2040 - 4/20/20491,967,3301,951,1031,889,3005.000%, 2/20/2037 - 6/20/2049956,536972,554946,1725.500%, 9/20/2052495,618490,328493,630Government National Mortgage Association IO1/20/2050 <sup>‡‡</sup> 899,24757,34810,224	5.000%, 4/15/2035	9,171		9,676		9,152
6.500%, 12/15/2032 - 1/15/203312,37513,31612,665Government National Mortgage Association II2.000%, 3/20/20521,946,5791,602,6531,557,7522.500%, 5/20/20521,938,1071,650,4881,618,7193.000%, 5/20/2052 - 6/20/20521,936,2581,707,7011,678,7133.500%, 6/20/2043 - 9/20/20523,717,1243,443,6183,347,8834.000%, 7/20/2044 - 4/20/2048386,870393,961361,9064.500%, 6/20/2047 - 6/20/20491,967,3301,951,1031,889,3005.000%, 2/20/2037 - 6/20/2049956,536972,554946,1725.500%, 9/20/2052495,618490,328493,630Government National Mortgage Association IO1/20/2050 <sup>‡‡</sup> 899,24757,34810,224	5.500%, 11/15/2034 - 7/15/2035	16,015		17,376		16,298
Government National Mortgage Association II         2.000%, 3/20/2052       1,946,579       1,602,653       1,557,752         2.500%, 5/20/2052       1,938,107       1,650,488       1,618,719         3.000%, 5/20/2052 - 6/20/2052       1,936,258       1,707,701       1,678,713         3.500%, 6/20/2043 - 9/20/2052       3,717,124       3,443,618       3,347,883         4.000%, 7/20/2044 - 4/20/2048       386,870       393,961       361,906         4.500%, 6/20/2040 - 4/20/2049       1,967,330       1,951,103       1,889,300         5.000%, 2/20/2037 - 6/20/2049       956,536       972,554       946,172         5.500%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO       1/20/2050 <sup>‡‡</sup> 899,247       57,348       10,224	6.000%, 3/15/2033 - 9/15/2035	22,649		24,376		23,314
2.000%, 3/20/2052       1,946,579       1,602,653       1,557,752         2.500%, 5/20/2052       1,938,107       1,650,488       1,618,719         3.000%, 5/20/2052 - 6/20/2052       1,936,258       1,707,701       1,678,713         3.500%, 6/20/2043 - 9/20/2052       3,717,124       3,443,618       3,347,883         4.000%, 7/20/2044 - 4/20/2048       386,870       393,961       361,906         4.500%, 6/20/2040 - 4/20/2049       1,967,330       1,951,103       1,889,300         5.000%, 2/20/2037 - 6/20/2049       956,536       972,554       946,172         5.500%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO       1/20/2050 <sup>‡‡</sup> 899,247       57,348       10,224	6.500%, 12/15/2032 - 1/15/2033	12,375		13,316		12,665
2.500%, 5/20/2052       1,938,107       1,650,488       1,618,719         3.000%, 5/20/2052 - 6/20/2052       1,936,258       1,707,701       1,678,713         3.500%, 6/20/2043 - 9/20/2052       3,717,124       3,443,618       3,347,883         4.000%, 7/20/2044 - 4/20/2048       386,870       393,961       361,906         4.500%, 6/20/2040 - 4/20/2049       1,967,330       1,951,103       1,889,300         5.000%, 2/20/2037 - 6/20/2049       956,536       972,554       946,172         5.500%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO         1/20/2050 <sup>‡‡</sup> 899,247       57,348       10,224	Government National Mortgage Association II					
3.000%, 5/20/2052 - 6/20/2052       1,936,258       1,707,701       1,678,713         3.500%, 6/20/2043 - 9/20/2052       3,717,124       3,443,618       3,347,883         4.000%, 7/20/2044 - 4/20/2048       386,870       393,961       361,906         4.500%, 6/20/2040 - 4/20/2049       1,967,330       1,951,103       1,889,300         5.000%, 2/20/2037 - 6/20/2049       956,536       972,554       946,172         5.500%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO         1/20/2050 <sup>±‡</sup> 899,247       57,348       10,224	2.000%, 3/20/2052	1,946,579		1,602,653		1,557,752
3.500%, 6/20/2043 - 9/20/2052       3,717,124       3,443,618       3,347,883         4.000%, 7/20/2044 - 4/20/2048       386,870       393,961       361,906         4.500%, 6/20/2040 - 4/20/2049       1,967,330       1,951,103       1,889,300         5.000%, 2/20/2037 - 6/20/2049       956,536       972,554       946,172         5.500%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO         1/20/2050 <sup>‡‡</sup> 899,247       57,348       10,224	2.500%, 5/20/2052	1,938,107		1,650,488		1,618,719
4.000%, 7/20/2044 - 4/20/2048       386,870       393,961       361,906         4.500%, 6/20/2040 - 4/20/2049       1,967,330       1,951,103       1,889,300         5.000%, 2/20/2037 - 6/20/2049       956,536       972,554       946,172         5.500%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO         1/20/2050 <sup>‡‡</sup> 899,247       57,348       10,224	3.000%, 5/20/2052 - 6/20/2052	1,936,258		1,707,701		1,678,713
4.500%, 6/20/2040 - 4/20/20491,967,3301,951,1031,889,3005.000%, 2/20/2037 - 6/20/2049956,536972,554946,1725.500%, 9/20/2052495,618490,328493,630Government National Mortgage Association IO1/20/2050 <sup>‡‡</sup> 899,24757,34810,224	3.500%, 6/20/2043 - 9/20/2052	3,717,124		3,443,618		3,347,883
5.000%, 2/20/2037 - 6/20/2049       956,536       972,554       946,172         5.500%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO       1/20/2050 <sup>‡‡</sup> 899,247       57,348       10,224	4.000%, 7/20/2044 - 4/20/2048	386,870		393,961		361,906
5.500%, 9/20/2052       495,618       490,328       493,630         Government National Mortgage Association IO       1/20/2050 <sup>‡‡</sup> 899,247       57,348       10,224	4.500%, 6/20/2040 - 4/20/2049	1,967,330		1,951,103		1,889,300
Government National Mortgage Association IO1/20/2050**899,24757,34810,224	5.000%, 2/20/2037 - 6/20/2049	956,536		972,554		946,172
1/20/2050 <sup>‡‡</sup> 899,247 57,348 10,224	5.500%, 9/20/2052	495,618		490,328		493,630
	•••					
0.632%, 10/16/2058 <sup>†</sup> 1,322,751 40,244 45,333		899,247				10,224
	0.632%, 10/16/2058 <sup>†</sup>	1,322,751		40,244		45,333

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost		Fair Value
Collateralized Mortgage Obligations - 37.3% (continued)				
Government National Mortgage Association IO (continued)				
3.500%, 12/20/2049	1,065,283	\$ 145,7	72 \$	179,982
Government National Mortgage Association REMIC, 3.250%, 4/16/2027	16,208	16,14	47	15,932
Government National Mortgage Association TBA				
2.000%, 1/1/2055 <sup>γ</sup>	6,000,000	4,802,8	13	4,793,533
2.500%, 1/1/2055 <sup>γ</sup>	7,000,000	5,824,5	12	5,841,734
3.000%, 1/1/2055 <sup>γ</sup>	4,000,000	3,459,3	75	3,465,570
3.500%, 2/1/2055 <sup>γ</sup>	2,000,000	1,786,4	34	1,786,658
4.000%, 2/1/2055 <sup>γ</sup>	2,000,000	1,839,6	)9	1,841,521
4.500%, 1/1/2055 <sup>γ</sup>	1,000,000	944,0	63	945,393
5.000%, 1/1/2055 <sup>γ</sup>	2,000,000	1,937,8	13	1,941,145
5.500%, 1/1/2054 <sup>γ</sup>	2,000,000	1,980,3	13	1,982,968
6.000%, 1/1/2054 <sup>γ</sup>	3,000,000	3,026,72	27	3,020,221
6.500%, 1/1/2054 <sup>γ</sup>	3,000,000	3,051,9	31	3,051,063
GS Mortgage Securities Corporation Trust 2021-IP, 6.612%, 10/15/2036 <sup>‡‡</sup>	600,000	600,0	00	592,632
GS Mortgage-Backed Securities Corporation Trust 2022-PJ4, 3.000%, 9/25/2052 <sup>†</sup>	430,000	356,0	18	299,897
GS Mortgage-Backed Securities Trust 2021-PJ9, 2.929%, 2/26/2052 <sup>†</sup>	252,180	211,94	49	197,109
GS Mortgage-Backed Securities Trust 2022-PJ1, 2.500%, 5/28/2052 <sup>†</sup>	777,218	688,9	65	615,904
HILT COMMERCIAL MORTGAGE TRUST 2024-ORL, 5.938%, 5/15/2037 <sup>‡‡</sup>	1,025,000	1,023,1	39	1,025,321
Home RE 2023-1 Ltd., 9.160%, 10/25/2033 <sup>‡‡</sup>	210,000	210,0	00	217,096
Homeward Opportunities Fund I Trust 2020-2				
3.196%, 5/25/2065 <sup>†</sup>	360,000	355,4	06	350,832
3.897%, 5/25/2065 <sup>†</sup>	195,000	193,0	20	183,919
HTL Commercial Mortgage Trust 2024-T53, 6.555%, 5/10/2039 <sup>†</sup>	420,000	420,0	00	424,806
Hundred Acre Wood Trust 2021-INV1, 3.231%, 7/25/2051 <sup>†</sup>	391,403	352,64	45	328,133
Hundred Acre Wood Trust 2021-INV1 IO, 0.231%, 7/25/2051 <sup>†</sup>	4,786,924	27,1	90	55,199
Hundred Acre Wood Trust 2021-INV3, 2.500%, 10/25/2051 <sup>†</sup>	970,345	870,1	71	774,963
ILPT Trust 2019-SURF, 4.145%, 2/11/2041	1,865,000	1,798,2	94	1,777,684
Imperial Fund Mortgage Trust 2021-NQM2, 2.489%, 9/25/2056 <sup>†</sup>	185,000	161,3	57	123,088
IMS Ecuadorian Mortgage 2021-1 Trust, 3.400%, 8/18/2043	828,911	829,6	35	801,514
JPMDB Commercial Mortgage Securities Trust 2018-C8, 4.211%, 6/15/2051	630,000	637,64	14	607,408
JPMorgan Chase Commercial Mortgage Securities Trust 2018-WPT, 4.248%, 7/5/2033	550,000	550,0	00	515,944
JPMorgan Chase Commercial Mortgage Securities Trust 2024-OMNI, 5.797%, 10/5/2039 <sup>†</sup>	994,000	998,5	16	991,348
JPMorgan Mortgage Trust 2014-IVR6, 6.219%, 7/25/2044 <sup>†</sup>	1,430,710	1,333,0		1,428,988
JPMorgan Mortgage Trust 2021-07, 2.795%, 11/25/2051 <sup>†</sup>	420,464	354,04		328,097
JPMorgan Mortgage Trust 2021-10, 2.802%, 12/25/2051 <sup>+</sup>	495,305	421,8		388,380
JPMorgan Mortgage Trust 2021-10 IO, 0.115%, 12/25/2051 <sup>+</sup>	9,180,733	32,7		54,854
JPMorgan Mortgage Trust 2021-12, 3.161%, 2/25/2052 <sup>†</sup>	358,344	312,9		291,658
or morgan mortgago 1100(2021 12, 0.101/0, 2/20/2002	000,044	012,0		201,000

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value
Collateralized Mortgage Obligations - 37.3% (continued)			
JPMorgan Mortgage Trust 2021-13, 3.138%, 4/25/2052 <sup>†</sup>	1,351,598	\$ 1,121,997	\$ 1,094,408
JPMorgan Mortgage Trust 2021-8 IO, 0.116%, 12/25/2051 <sup>†</sup>	7,952,798	18,692	48,067
JPMorgan Mortgage Trust 2021-INV4, 3.213%, 1/25/2052 <sup>†</sup>	419,281	351,706	330,878
JPMorgan Mortgage Trust 2022-02, 2.500%, 8/25/2052 <sup>†</sup>	2,500,000	1,850,141	1,605,159
JPMorgan Mortgage Trust 2022-04, 3.000%, 10/25/2052 <sup>†</sup>	565,000	471,712	393,947
JPMorgan Mortgage Trust 2022-08, 4.680%, 1/25/2053 <sup>†</sup>	2,209,157	1,918,405	1,985,868
JPMorgan Mortgage Trust 2022-INV1, 2.979%, 10/25/2051 <sup>†</sup>	232,370	203,187	186,648
JPMorgan Mortgage Trust 2022-LTV1, 3.519%, 7/25/2052 <sup>†</sup>	640,000	577,693	416,104
Key Commercial Mortgage Securities Trust 2019-S2, 3.469%, 6/15/2052	615,000	594,721	575,338
La Hipotecaria Panamanian Mortgage Trust 2021-1, 4.350%, 7/13/2052	598,947	596,432	532,969
Mello Mortgage Capital Acceptance 2021-INV2, 2.500%, 8/25/2051 <sup>†</sup>	1,810,630	1,481,156	1,294,105
Mello Mortgage Capital Acceptance 2021-MTG2, 2.669%, 6/25/2051 <sup>†</sup>	395,910	341,326	311,196
Mello Mortgage Capital Acceptance 2022-INV1, 3.316%, 3/25/2052 <sup>†</sup>	413,292	353,496	335,918
Morgan Stanley Capital I Trust 2016-UBS9, 3.000%, 3/15/2049	510,000	474,563	380,041
Morgan Stanley Capital I Trust 2018-MP, 4.276%, 7/11/2040 <sup>†</sup>	570,000	570,046	514,382
Oceanview Mortgage Trust 2021-5, 2.969%, 10/25/2051 <sup>†</sup>	237,440	208,028	191,983
Onity Loan Investment Trust 2024-HB2, 5.000%, 8/25/2037 <sup>†</sup>	820,000	800,182	787,693
Palisades Center Trust 2016-PLSD, 2.713%, 4/13/2033	180,000	170,258	123,414
PRMI Securitization Trust 2021-1, 2.477%, 4/25/2051 <sup>†</sup>	795,000	656,903	614,711
Provident Funding Mortgage Trust 2021-2			
2.250%, 4/25/2051 <sup>†</sup>	742,338	621,711	581,709
2.351%, 4/25/2051 <sup>†</sup>	292,760	245,772	223,495
Provident Funding Mortgage Trust 2021-J1, 2.637%, 10/25/2051 <sup>†</sup>	243,158	211,687	197,271
Radnor RE 2023-1 Ltd., 7.260%, 7/25/2033 <sup>‡‡</sup>	347,220	347,220	350,325
Radnor Re 2024-1 Ltd., 7.460%, 9/25/2034 <sup>‡‡</sup>	1,970,000	1,970,000	1,984,157
Rate Mortgage Trust 2021-HB1, 2.704%, 12/25/2051 <sup>†</sup>	231,082	198,424	180,517
Rate Mortgage Trust 2021-J3, 2.713%, 10/25/2051 <sup>†</sup>	344,038	297,874	273,430
Rate Mortgage Trust 2021-J4, 2.632%, 11/25/2051 <sup>†</sup>	338,158	276,148	253,904
RCKT Mortgage Trust 2021-2, 2.563%, 6/25/2051 <sup>†</sup>	456,339	390,837	358,942
RCKT Mortgage Trust 2021-3, 2.500%, 7/25/2051 <sup>†</sup>	274,511	243,929	217,535
RCKT Mortgage Trust 2021-4, 3.007%, 9/25/2051 <sup>†</sup>	923,035	811,688	744,145
RMF Proprietary Issuance Trust 2021-2, 2.125%, 9/25/2061 <sup>†</sup>	366,560	349,174	320,077
Saluda Grade Alternative Mortgage Trust 2024-CES1, 6.306%, 3/25/2054 <sup>†</sup>	1,333,821	1,333,791	1,342,828
Sequoia Mortgage Trust 2018-CH3, 4.500%, 8/25/2048 <sup>†</sup>	3,411	3,411	3,353
Sequoia Mortgage Trust 2022-1, 2.500%, 2/25/2052 <sup>†</sup>	420,000	322,166	270,535
SLG Office Trust 2021-OVA, 2.585%, 7/15/2041	3,413,076	2,894,349	2,866,118
THPT 2023-THL Mortgage Trust, 6.994%, 12/10/2034 <sup>†</sup>	2,178,176	2,207,410	2,224,684
Triangle Re 2023-1 Ltd., 7.969%, 11/25/2033 <sup>‡‡</sup>	1,004,876	1,004,876	1,020,207
UWM Mortgage Trust 2021-INV1, 2.500%, 8/25/2051 <sup>†</sup>	1,164,329	860,951	756,816
UWM Mortgage Trust 2021-INV2, 2.500%, 9/25/2051 <sup>†</sup>	2,329,050	1,767,955	1,510,344

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value
Collateralized Mortgage Obligations - 37.3% (continued)			
UWM Mortgage Trust 2021-INV5, 3.231%, 1/25/2052 <sup>†</sup>	431,104	\$ 378,288	\$ 350,069
Velocity Commercial Capital Loan Trust 2024-6, 5.810%, 12/25/2054 <sup>†</sup>	1,209,472	1,209,384	1,203,426
Wells Fargo Commercial Mortgage Trust 2015-NXS3 IO, 0.864%, 9/15/2057 <sup>†</sup>	3,038,244	6,941	10,113
Wells Fargo Commercial Mortgage Trust 2016-LC24 IO, 1.600%, 10/15/2049 <sup>†</sup>	3,703,910	62,512	74,254
Wells Fargo Commercial Mortgage Trust 2019-C51, 3.311%, 6/15/2052	250,000	244,619	227,931
Wells Fargo Mortgage Backed Securities 2020-5 Trust, 2.911%, 9/25/2050 <sup>†</sup>	3,694,331	3,164,897	3,074,180
Total Collateralized Mortgage Obligations		416,660,105	407,877,428
Corporate Bonds - 30.1%			
Communications - 0.1%			
T-Mobile USA, Inc.			
2.700%, 3/15/2032	200,000	176,452	169,427
5.200%, 1/15/2033	835,000	838,181	826,738
Uber Technologies, Inc., 4.800%, 9/15/2034	630,000	629,558	602,953
Total Communications		1,644,191	1,599,118
Consumer Discretionary - 3.4%			
American Honda Finance Corporation			
4.850%, 10/23/2031	1,835,000	1,833,100	1,794,488
5.050%, 7/10/2031	1,690,000	1,689,538	1,672,468
AutoNation, Inc.			
1.950%, 8/1/2028	918,000	812,348	825,214
2.400%, 8/1/2031	600,000	487,082	495,326
3.850%, 3/1/2032	905,000	834,408	811,848
4.750%, 6/1/2030	340,000	338,143	328,222
Avis Budget Car Rental LLC/Avis Budget Finance, Inc.			
8.000%, 2/15/2031	769,000	764,773	786,912
8.250%, 1/15/2030	475,000	475,000	489,855
Carnival Corporation, 6.000%, 5/1/2029	274,000	273,363	273,352
Choice Hotels International, Inc., 5.850%, 8/1/2034	260,000	257,318	260,595
Darden Restaurants, Inc., 6.300%, 10/10/2033	2,320,000	2,360,556	2,435,045
Ferguson Enterprises, Inc., 5.000%, 10/3/2034	600,000	599,588	573,819
Ford Motor Co., 6.100%, 8/19/2032	405,000	405,000	403,287
Ford Motor Credit Co. LLC			
3.625%, 6/17/2031	2,375,000	2,067,384	2,054,488
6.054%, 11/5/2031	2,900,000	2,900,000	2,873,881
6.125%, 3/8/2034	200,000	198,861	195,604
7.350%, 3/6/2030	385,000	384,634	407,823
General Motors Co.			
5.600%, 10/15/2032	695,000	697,853	701,342

### **Pioneer Bond Fund Trust**

Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost		Fair Value
Corporate Bonds - 30.1% (continued)				
Consumer Discretionary - 3.4% (continued)				
General Motors Co. (continued)				
6.600%, 4/1/2036	580,000	\$ 628,62	1 \$	608,978
General Motors Financial Co., Inc.				
3.100%, 1/12/2032	410,000	354,95	7	351,207
5.750%, 2/8/2031	395,000	394,03	7	400,222
6.100%, 1/7/2034	2,780,000	2,802,80	0	2,821,583
6.400%, 1/9/2033	1,125,000	1,128,48	4	1,166,231
Genting New York LLC/GENNY Capital, Inc., 7.250%, 10/1/2029	1,725,000	1,728,84	1	1,777,100
Hilton Grand Vacations Borrower LLC/Hilton Grand Vacations Borrower, Inc., 6.625%, 1/15/2032	640,000	640,00	0	642,023
Hyundai Capital America	,	,		,
5.400%, 6/24/2031	850,000	883,28	3	849,749
5.800%, 4/1/2030	1,165,000	1,161,66		1,189,095
6.200%, 9/21/2030	570,000	568,78		593,135
Las Vegas Sands Corporation, 6.000%, 8/15/2029	100,000	99,86	8	101,284
Lowe's Cos., Inc., 3.750%, 4/1/2032	1,545,000	1,474,42	7	1,415,380
Marriott International, Inc.				
3.500%, 10/15/2032	1,575,000	1,449,47	0	1,389,803
4.625%, 6/15/2030	905,000	883,19	2	887,893
4.900%, 4/15/2029	185,000	183,26	6	184,663
Mercedes-Benz Finance North America LLC, 4.850%, 1/11/2029	1,410,000	1,410,00	0	1,399,280
MITER Brands Acquisition Holdco, Inc./MIWD Borrower LLC, 6.750%, 4/1/2032	265,000	265,00	0	266,295
Resorts World Las Vegas LLC/RWLV Capital, Inc., 4.625%, 4/16/2029 - 4/6/2031	2,000,000	1,757,53	2	1,755,485
Royal Caribbean Cruises Ltd., 6.000%, 2/1/2033	790,000	790,00	0	788,124
Toyota Motor Credit Corporation, 4.600%, 10/10/2031	1,135,000	1,132,78	2	1,104,853
ZF North America Capital, Inc., 6.875%, 4/14/2028	365,000	364,20	9	364,007
Total Consumer Discretionary		37,480,16	9	37,439,959
Consumer Staples - 1.2%				
Coca-Cola Consolidated, Inc., 5.250%, 6/1/2029	910,000	908,72	2	922,544
Dollar Tree, Inc., 2.650%, 12/1/2031	1,240,000	1,106,40		1,047,594
Imperial Brands Finance PLC, 5.500%, 2/1/2030	2,870,000	2,868,90		2,901,083
JBS USA Holding Lux S.a.r.I./JBS USA Food Co./JBS Lux Co. S.a.r.I.	, ,	, ,		, ,
3.000%, 2/2/2029 - 5/15/2032	812,000	722,82	6	700,586
5.750%, 4/1/2033	654,000	640,59		650,339
6.500%, 12/1/2052	415,000	416,39		422,147
Minerva Luxembourg S.A., 4.375%, 3/18/2031	2,420,000	2,036,61		2,030,439
Smithfield Foods, Inc.	,,	_,,•		,,
2.625%, 9/13/2031	545,000	476,15	2	448,808

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value
Corporate Bonds - 30.1% (continued)			
Consumer Staples - 1.2% (continued)			
Smithfield Foods, Inc. (continued)			
3.000%, 10/15/2030	1,230,000	\$ 1,060,526	\$ 1,063,197
5.200%, 4/1/2029	60,000	60,875	58,711
Suntory Holdings Ltd., 5.124%, 6/11/2029	810,000	810,000	812,923
Unilever Capital Corporation, 4.625%, 8/12/2034	1,750,000	 1,733,407	1,685,989
Total Consumer Staples		 12,841,423	12,744,360
Energy - 2.9%			
Aker BP ASA, 3.100%, 7/15/2031	2,200,000	1,986,024	1,901,026
Archrock Partners L.P./Archrock Partners Finance Corporation, 6.625%, 9/1/2032	590,000	590,000	589,226
Boardwalk Pipelines L.P., 3.600%, 9/1/2032	3,245,000	2,891,362	2,835,047
BP Capital Markets PLC, 6.125%, 3/18/2035 <sup>p,†</sup>	3,070,000	3,069,724	3,017,341
Columbia Pipelines Holding Co. LLC, 5.097%, 10/1/2031	710,000	709,973	692,681
ConocoPhillips Co., 5.650%, 1/15/2065	1,270,000	1,269,467	1,201,132
DT Midstream, Inc., 5.800%, 12/15/2034	665,000	664,636	670,532
Enbridge, Inc.			
7.200%, 6/27/2054 <sup>†</sup>	2,110,000	2,125,283	2,168,287
8.500%, 1/15/2084 <sup>†</sup>	700,000	701,399	777,525
Energy Transfer L.P.			
5.600%, 9/1/2034	2,000,000	1,993,256	1,998,243
7.375%, 2/1/2031	495,000	496,250	517,628
EnLink Midstream Partners L.P.			
5.450%, 6/1/2047	925,000	746,975	832,134
5.600%, 4/1/2044	1,280,000	1,126,949	1,174,406
Halliburton Co., 7.600%, 8/15/2096	435,000	460,388	505,136
Harbour Energy PLC, 5.500%, 10/15/2026	200,000	197,620	199,244
Hilcorp Energy I L.P./Hilcorp Finance Co.			
6.875%, 5/15/2034	2,025,000	2,008,285	1,887,400
7.250%, 2/15/2035	180,000	180,000	169,223
MPLX L.P., 5.500%, 6/1/2034	1,145,000	1,131,662	1,129,583
NGPL PipeCo LLC, 3.250%, 7/15/2031	565,000	513,321	487,410
Phillips 66 Co.			
3.750%, 3/1/2028	1,250,000	1,234,460	1,210,259
5.250%, 6/15/2031	675,000	696,726	677,056
South Bow Canadian Infrastructure Holdings Ltd.			
7.500%, 3/1/2055	450,000	450,000	465,310
7.625%, 3/1/2055 <sup>†</sup>	833,000	850,757	854,067
Valero Energy Corporation, 6.625%, 6/15/2037	1,505,000	1,681,706	1,578,736

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value
Corporate Bonds - 30.1% (continued)			
Energy - 2.9% (continued)			
Venture Global LNG, Inc.			
8.375%, 6/1/2031	480,000	\$ 480,000	\$ 500,605
9.500%, 2/1/2029	190,000	191,557	210,000
Western Midstream Operating L.P., 5.450%, 11/15/2034	1,240,000	1,247,303	1,197,736
Williams Cos., Inc./The			
5.150%, 3/15/2034	1,240,000	1,239,713	1,205,674
7.500%, 1/15/2031	660,000	754,324	729,607
7.750%, 6/15/2031	205,000	236,714	228,502
Total Energy		 31,925,834	31,610,756
Financials - 14.1% ABN AMRO Bank N.V., 3.324%, 3/13/2037 <sup>†</sup>	4,000,000	3,337,511	3,374,112
	4,715,000	3,996,027	4,109,189
AerCap Ireland Capital DAC/AerCap Global Aviation Trust, 3.300%, 1/30/2032 Allianz SE, 5.600%, 9/3/2054 <sup>†</sup>	1,800,000		
	1,000,000	1,803,644	1,773,882
Ally Financial, Inc. 4.700%, 5/15/2028 <sup>p,†</sup>	849,000	692,414	741,970
6.184%, 7/26/2035 <sup>†</sup>	600,000	600,000	593,055
Arthur J Gallagher & Co., 4.850%, 12/15/2029	355,000	354,725	353,204
Australia & New Zealand Banking Group Ltd., 5.731%, 9/18/2034 <sup>†</sup>	1,280,000		
	1,200,000	1,280,000	1,288,407
Avolon Holdings Funding Ltd.	995,000	985,770	1 006 409
5.750%, 3/1/2029 - 11/15/2029 6.275%, 5/4/2028	2,370,000	2,388,655	1,006,408 2,436,150
6.375%, 5/4/2028 Banag Santandar Chila, 2,700%, 1/10/2025	2,370,000 845,000	2,366,655 844,738	2,430,150 843,382
Banco Santander Chile, 2.700%, 1/10/2025 Banco Santander S.A.	043,000	044,730	043,302
	200,000	175 607	160 245
2.749%, 12/3/2030	200,000	175,627	169,345
3.225%, 11/22/2032 <sup>†</sup>	3,200,000	2,792,728	2,722,484
5.439%, 7/15/2031	1,600,000	1,618,532	1,596,669
6.921%, 8/8/2033	600,000	600,000	630,070
Bank of America Corporation	2 015 000	0 525 000	2 461 240
2.572%, 10/20/2032 <sup>†</sup>	2,915,000	2,535,982	2,461,340
2.884%, 10/22/2030 <sup>†</sup>	3,285,000	2,991,091	2,966,589
5.872%, 9/15/2034 <sup>†</sup>	925,000	966,658	949,923
Block, Inc., 6.500%, 5/15/2032	1,370,000	1,371,242	1,383,225
BNP Paribas S.A.	005 000	040.000	040 500
2.159%, 9/15/2029 <sup>†</sup>	905,000	813,606	810,509
5.176%, 1/9/2030 <sup>†</sup>	1,070,000	1,070,000	1,066,395
5.497%, 5/20/2030 <sup>†</sup>	430,000	430,000	430,559
7.375%, 9/10/2034 <sup>p,†</sup>	577,000	588,686	572,835

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value	
Corporate Bonds - 30.1% (continued)				
Financials - 14.1% (continued)				
BPCE S.A.				
3.116%, 10/19/2032 <sup>†</sup>	371,000	\$ 325,871	\$ 307,12	0
5.748%, 7/19/2033 <sup>†</sup>	1,000,000	1,000,000	986,07	3
5.936%, 5/30/2035 <sup>†</sup>	275,000	275,000	272,60	1
Brown & Brown, Inc.				
4.200%, 3/17/2032	2,562,000	2,279,650	2,363,33	4
5.650%, 6/11/2034	460,000	475,519	460,84	.9
CaixaBank S.A.				
6.037%, 6/15/2035 <sup>†</sup>	200,000	200,000	201,68	2
6.840%, 9/13/2034 <sup>†</sup>	1,865,000	1,928,573	1,980,45	6
Canadian Imperial Bank of Commerce, 4.631%, 9/11/2030 <sup>†</sup>	1,465,000	1,465,000	1,435,22	2
Capital One Financial Corporation				
2.359%, 7/29/2032 <sup>†</sup>	1,230,000	914,737	993,30	8
5.268%, 5/10/2033 <sup>†</sup>	570,000	568,898	555,17	3
5.884%, 7/26/2035 <sup>†</sup>	1,745,000	1,782,172	1,755,62	5
Citigroup, Inc., 2.520%, 11/3/2032 <sup>†</sup>	2,596,000	2,211,896	2,164,47	1
Citizens Financial Group, Inc.				
5.718%, 7/23/2032 <sup>†</sup>	1,095,000	1,095,000	1,099,07	4
5.841%, 1/23/2030 <sup>†</sup>	589,000	584,377	598,05	7
CNO Financial Group, Inc., 6.450%, 6/15/2034	1,350,000	1,392,244	1,395,17	0
CNO Global Funding				
2.650%, 1/6/2029	1,655,000	1,533,318	1,496,72	5
4.875%, 12/10/2027	275,000	274,911	273,70	4
Comerica Bank, 5.332%, 8/25/2033 <sup>†</sup>	2,050,000	2,000,524	1,946,27	4
Cooperatieve Rabobank U.A., 4.494%, 10/17/2029	2,830,000	2,830,000	2,774,29	3
Danske Bank A/S, 5.427%, 3/1/2028 <sup>†</sup>	1,215,000	1,215,000	1,225,53	2
DNB Bank ASA, 4.853%, 11/5/2030 <sup>†</sup>	2,910,000	2,910,000	2,877,38	0
Farmers Exchange Capital III, 5.454%, 10/15/2054 <sup>†</sup>	1,470,000	1,271,737	1,324,80	6
Farmers Insurance Exchange				
4.747%, 11/1/2057 <sup>†</sup>	1,790,000	1,630,182	1,449,74	7
7.000%, 10/15/2064 <sup>†</sup>	1,320,000	1,320,000	1,360,87	6
Federation des Caisses Desjardins du Quebec, 5.250%, 4/26/2029	4,000,000	4,046,143	4,017,11	4
Freedom Mortgage Holdings LLC				
9.125%, 5/15/2031	1,235,000	1,216,423	1,273,37	2
9.250%, 2/1/2029	865,000	870,147	892,63	0
Goldman Sachs Group, Inc./The				
2.650%, 10/21/2032 <sup>†</sup>	2,430,000	2,104,038	2,054,35	,9
4.223%, 5/1/2029 <sup>†</sup>	520,000	516,367	505,92	4

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value
Corporate Bonds - 30.1% (continued)			
Financials - 14.1% (continued)			
HSBC Holdings PLC			
2.206%, 8/17/2029 <sup>†</sup>	2,295,000	\$ 2,086,271	\$ 2,062,059
2.871%, 11/22/2032 <sup>†</sup>	1,585,000	1,384,039	1,337,243
5.286%, 11/19/2030 <sup>†</sup>	1,415,000	1,415,237	1,405,667
6.161%, 3/9/2029 <sup>†</sup>	1,115,000	1,124,236	1,145,199
Huntington Bancshares, Inc., 5.272%, 1/15/2031 <sup>†</sup>	760,000	760,000	761,061
ING Groep N.V.			
4.250%, 5/16/2031 <sup>P,†</sup>	1,645,000	1,323,304	1,335,705
5.335%, 3/19/2030 <sup>†</sup>	2,090,000	2,134,161	2,098,404
Intesa Sanpaolo S.p.A.			
7.778%, 6/20/2054 <sup>†</sup>	1,035,000	1,035,000	1,106,892
7.800%, 11/28/2053	2,245,000	2,338,410	2,514,214
Jefferies Financial Group, Inc., 6.200%, 4/14/2034	1,654,000	1,647,440	1,705,905
JPMorgan Chase & Co.			
2.545%, 11/8/2032 <sup>†</sup>	2,566,000	2,218,856	2,164,946
4.586%, 4/26/2033 <sup>†</sup>	700,000	703,530	671,764
5.040%, 1/23/2028 <sup>†</sup>	905,000	905,000	908,290
5.294%, 7/22/2035 <sup>†</sup>	3,370,000	3,521,410	3,334,037
5.534%, 11/29/2045 <sup>†</sup>	2,640,000	2,640,000	2,579,163
KeyBank NA			
4.150%, 8/8/2025	750,000	739,707	746,164
4.900%, 8/8/2032	410,000	409,177	388,629
5.000%, 1/26/2033	935,000	931,198	896,987
KeyCorp, 6.401%, 3/6/2035 <sup>†</sup>	1,260,000	1,286,657	1,312,485
Liberty Mutual Insurance Co., 7.697%, 10/15/2097	1,520,000	1,963,582	1,708,581
LPL Holdings, Inc., 5.700%, 5/20/2027	2,000,000	2,021,152	2,024,485
Macquarie Group Ltd., 2.691%, 6/23/2032 <sup>†</sup>	885,000	779,284	750,227
Metropolitan Life Global Funding I, 5.150%, 3/28/2033	1,681,000	1,667,365	1,661,401
Mitsubishi UFJ Financial Group, Inc.			
2.494%, 10/13/2032 <sup>†</sup>	565,000	492,824	476,703
5.426%, 4/17/2035 <sup>†</sup>	1,715,000	1,752,591	1,717,961
Morgan Stanley			
5.173%, 1/16/2030 <sup>†</sup>	2,065,000	2,079,873	2,068,398
5.297%, 4/20/2037 <sup>†</sup>	1,725,000	1,720,909	1,676,934
5.516%, 11/19/2055 <sup>†</sup>	1,120,000	1,120,000	1,081,736
5.942%, 2/7/2039 <sup>†</sup>	800,000	800,000	803,754
5.948%, 1/19/2038 <sup>†</sup>	100,000	100,000	100,273
Nationstar Mortgage Holdings, Inc., 6.500%, 8/1/2029	835,000	835,102	833,585
Nationwide Building Society, 5.127%, 7/29/2029	1,750,000	1,750,000	1,751,609

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares		Cost		Fair Value
Corporate Bonds - 30.1% (continued)					
Financials - 14.1% (continued)					
Nationwide Mutual Insurance Co., 4.350%, 4/30/2050	1,520,000	\$	1,355,171	\$	1,138,273
NatWest Group PLC, 6.475%, 6/1/2034 <sup>†</sup>	930,000	Ŷ	930,000	Ψ	954,486
NatWest Markets PLC, 5.581%, 5/17/2029 <sup>‡‡</sup>	2,460,000		2,460,297		2,477,584
New York Life Global Funding, 4.550%, 1/28/2033	745,000		748,351		712,205
Nippon Life Insurance Co., 2.900%, 9/16/2051 <sup>†</sup>	1,120,000		968,678		948,437
Nomura Holdings, Inc.	.,0,000				0.00,000
2.999%, 1/22/2032	1,785,000		1,588,354		1,521,553
5.783%, 7/3/2034	820,000		863,733		829,098
Nordea Bank Abp, 3.750%, 3/1/2029 <sup>p,†</sup>	3,095,000		2,529,794		2,684,999
Penske Truck Leasing Co. L.P./PTL Finance Corporation	0,000,000		2,020,101		2,001,000
4.400%, 7/1/2027	524,000		520,337		517,281
5.350%, 1/12/2027	300,000		299,773		302,003
5.550%, 5/1/2028	2,307,000		2,307,961		2,341,760
6.050%, 8/1/2028	175,000		174,667		180,112
PNC Financial Services Group, Inc./The, 5.300%, 1/21/2028 <sup>†</sup>	275,000		275,000		277,334
Primerica, Inc., 2.800%, 11/19/2031	483,000		433,821		413,520
Regions Financial Corporation, 5.502%, 9/6/2035 <sup>†</sup>	955,000		955,000		931,643
S&P Global, Inc., 5.250%, 9/15/2033	710,000		709,312		717,480
Santander Holdings USA, Inc.	,				,
2.490%, 1/6/2028 <sup>†</sup>	805,000		761,342		763,338
6.124%, 5/31/2027 <sup>†</sup>	350,000		350,000		355,164
Societe Generale S.A., 2.797%, 1/19/2028 <sup>†</sup>	200,000		190,117		190,132
Standard Chartered PLC	,		)		, -
5.005%, 10/15/2030 <sup>†</sup>	1,160,000		1,160,000		1,139,526
6.301%, 1/9/2029 <sup>†</sup>	555,000		555,000		569,842
Synchrony Financial, 5.935%, 8/2/2030 <sup>†</sup>	535,000		535,000		539,899
Teachers Insurance & Annuity Association of America, 6.850%, 12/16/2039	55,000		66,875		61,020
Toronto-Dominion Bank/The, 7.250%, 7/31/2084 <sup>†</sup>	563,000		567,318		572,827
Truist Financial Corporation	,		,		,
5.435%, 1/24/2030 <sup>†</sup>	290,000		290,000		292,519
7.161%, 10/30/2029 <sup>†</sup>	825,000		825,000		882,409
U.S. Bancorp	,		,		,
2.491%, 11/3/2036 <sup>†</sup>	1,845,000		1,604,581		1,494,506
5.384%, 1/23/2030 <sup>†</sup>	360,000		360,000		363,122
5.850%, 10/21/2033 <sup>†</sup>	1,010,000		1,010,000		1,032,652
UBS Group AG					
2.746%, 2/11/2033 <sup>†</sup>	1,355,000		1,190,563		1,131,490
4.988%, 8/5/2033 <sup>†</sup>	540,000		541,310		523,742
5.699%, 2/8/2035 <sup>†</sup>	1,500,000		1,499,888		1,510,201

### **Pioneer Bond Fund Trust**

Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Corporate Bonds - 30.1% (continued)			
Financials - 14.1% (continued)			
UBS Group AG (continued)			
6.301%, 9/22/2034 <sup>†</sup>	1,144,000	\$ 1,169,725	\$ 1,196,818
UniCredit S.p.A.	, ,	. , ,	, ,
2.569%, 9/22/2026 <sup>†</sup>	3,380,000	3,256,960	3,314,046
5.459%, 6/30/2035 <sup>†</sup>	935,000	886,430	903,148
7.296%, 4/2/2034 <sup>†</sup>	1,220,000	1,240,805	1,274,334
United Wholesale Mortgage LLC, 5.500%, 4/15/2029	655,000	631,673	630,928
Verisk Analytics, Inc., 5.250%, 6/5/2034	1,345,000	1,324,016	1,329,667
Total Financials		155,298,530	154,470,212
Government - 0.1%			
Banque Ouest Africaine de Développement	500 000	E70.000	F30 607
4.700%, 10/22/2031	590,000	579,066	532,687
5.000%, 7/27/2027	200,000	199,879	194,148
Total Government		778,945	 726,835
Health Care - 0.9%			
Amgen, Inc., 5.250%, 3/2/2033	675,000	673,185	670,319
CVS Health Corporation, 5.250%, 1/30/2031 - 2/21/2033	1,185,000	1,182,992	1,139,055
Edwards Lifesciences Corporation, 4.300%, 6/15/2028	440,000	439,267	430,594
Elevance Health, Inc.			
5.150%, 6/15/2029	485,000	484,891	487,805
5.375%, 6/15/2034	335,000	334,770	332,131
Health Care Service Corporation A Mutual Legal Reserve Co., 5.200%, 6/15/2029	385,000	384,844	386,891
Humana, Inc., 5.375%, 4/15/2031	350,000	349,810	347,174
Novartis Capital Corporation, 4.700%, 9/18/2054	230,000	229,853	203,324
Royalty Pharma PLC	,	,	,
5.150%, 9/2/2029	545,000	538,872	543,562
5.400%, 9/2/2034	1,485,000	1,470,305	1,445,391
Smith & Nephew PLC	, ,	, ,	, ,
2.032%, 10/14/2030	1,410,000	1,226,438	1,181,471
5.400%, 3/20/2034	345,000	344,011	342,361
Sotera Health Holdings LLC Term Loan, 7.375%, 6/1/2031	575,000	575,000	582,533
Teva Pharmaceutical Finance Netherlands III B.V., 5.125%, 5/9/2029	2,120,000	2,071,270	2,070,222
Total Health Care	_,0,000	10,305,508	10,162,833
Industrials - 1.7%	204.000	004 770	00F 074
Air Canada 2017-1 Class AA Pass-Through Trust, 3.300%, 1/15/2030	394,896	381,779	365,271
American Airlines 2021-1 Class B Pass-Through Trust, 3.950%, 7/11/2030	98,400	91,875	90,967

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value
Corporate Bonds - 30.1% (continued)			
Industrials - 1.7% (continued)			
Ashtead Capital, Inc.			
5.500%, 8/11/2032	2,025,000	\$ 2,010,693	\$ 1,999,453
5.950%, 10/15/2033	830,000	794,036	840,048
Boeing Co./The			
3.900%, 5/1/2049	2,335,000	1,779,224	1,627,686
5.150%, 5/1/2030	1,250,000	1,232,582	1,232,000
5.805%, 5/1/2050	1,415,000	1,435,643	1,313,478
6.858%, 5/1/2054	1,110,000	1,162,948	1,182,058
7.008%, 5/1/2064	650,000	656,097	690,946
Cummins, Inc., 5.450%, 2/20/2054	800,000	806,015	779,709
Delta Air Lines, Inc./SkyMiles IP Ltd., 4.750%, 10/20/2028	2,975,000	2,944,931	2,934,790
Element Fleet Management Corporation			
5.643%, 3/13/2027	315,000	315,000	319,526
6.319%, 12/4/2028	1,650,000	1,681,172	1,719,485
JetBlue 2019-1 Class AA Pass-Through Trust, 2.750%, 5/15/2032	326,543	303,954	283,422
JetBlue 2020-1 Class A Pass-Through Trust, 4.000%, 11/15/2032	118,120	116,878	111,004
Kennametal, Inc., 2.800%, 3/1/2031	1,250,000	1,116,113	1,073,645
OneSky Flight LLC, 8.875%, 12/15/2029	170,000	170,000	170,119
Regal Rexnord Corporation, 6.300%, 2/15/2030	575,000	575,297	591,417
United Airlines 2020-1 Class B Pass-Through Trust, 4.875%, 1/15/2026	310,000	307,067	309,495
United Airlines 2024-1 Class AA Pass-Through Trust, 5.450%, 2/15/2037	580,000	582,833	580,106
Velocity Vehicle Group LLC, 8.000%, 6/1/2029	150,000	150,000	155,985
Total Industrials		18,614,137	18,370,610
Materials - 1.1%			
AngloGold Ashanti Holdings PLC, 3.750%, 10/1/2030	700,000	647,386	632,758
Celanese US Holdings LLC, 6.950%, 11/15/2033	1,625,000	1,699,575	1,687,443
Cleveland-Cliffs, Inc., 7.000%, 3/15/2032	570,000	567,945	559,803
First Quantum Minerals Ltd., 8.625%, 6/1/2031	1,200,000	1,189,743	1,235,274
Martin Marietta Materials, Inc.	,,	, , -	, ,
5.150%, 12/1/2034	945,000	938,147	927,844
5.500%, 12/1/2054	875,000	857,588	826,676
Methanex US Operations, Inc., 6.250%, 3/15/2032	1,418,000	1,420,203	1,402,900
Owens Corning, 5.700%, 6/15/2034	690,000	687,487	700,688
Sealed Air Corporation, 6.500%, 7/15/2032	1,694,000	1,726,555	1,696,598
Steel Dynamics, Inc., 5.375%, 8/15/2034	2,055,000	2,059,376	2,040,697
Total Materials	_,,••••	11,794,005	11,710,681
	-	,,	

### **Pioneer Bond Fund Trust**

Corporate Bonds - 30.1% (continued)           Real Estate - 1.3%           Americold Realty Operating Partnership L.P., 5.409%, 9/12/2034         2,793,00           Healthcare Realty Holdings L.P.         2.000%, 3/15/2031         920,00           3.100%, 2/15/2030         735,00           Highwoods Realty L.P.         2.600%, 2/1/2031         193,00           3.050%, 2/15/2030         60,00           4.125%, 3/15/2028         228,00           LXP Industrial Trust         2.375%, 10/1/2031         1,955,00           2.700%, 9/15/2030         440,00           MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031         1,714,00           Simon Property Group L.P.         4.750%, 9/26/2034         440,00           5.500%, 3/8/2033         1,985,00         3,071,00           UDR, Inc.         4.400%, 1/26/2029         685,00	(	Cost	Fair Value
Americold Realty Operating Partnership L.P., 5.409%, 9/12/2034       2,793,00         Healthcare Realty Holdings L.P.       2.000%, 3/15/2031       920,00         3.100%, 2/15/2030       735,00         Highwoods Realty L.P.       2.600%, 2/1/2031       193,00         3.050%, 2/15/2030       60,00         4.125%, 3/15/2028       228,00         LXP Industrial Trust       2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00			
Healthcare Realty Holdings L.P.       920,00         2.000%, 3/15/2031       920,00         3.100%, 2/15/2030       735,00         Highwoods Realty L.P.       193,00         2.600%, 2/1/2031       193,00         3.050%, 2/15/2030       60,00         4.125%, 3/15/2028       228,00         LXP Industrial Trust       2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00			
2.000%, 3/15/2031       920,00         3.100%, 2/15/2030       735,00         Highwoods Realty L.P.       193,00         2.600%, 2/1/2031       193,00         3.050%, 2/15/2030       60,00         4.125%, 3/15/2028       228,00         LXP Industrial Trust       2.375%, 10/1/2031         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00	00 \$	2,812,043	\$ 2,673,210
3.100%, 2/15/2030       735,00         Highwoods Realty L.P.       193,00         2.600%, 2/1/2031       193,00         3.050%, 2/15/2030       60,00         4.125%, 3/15/2028       228,00         LXP Industrial Trust       2.375%, 10/1/2031         2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00			
Highwoods Realty L.P.       193,00         2.600%, 2/1/2031       193,00         3.050%, 2/15/2030       60,00         4.125%, 3/15/2028       228,00         LXP Industrial Trust       2.375%, 10/1/2031         2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00	00	777,670	752,369
2.600%, 2/1/2031       193,00         3.050%, 2/15/2030       60,00         4.125%, 3/15/2028       228,00         LXP Industrial Trust       1,955,00         2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00	00	688,656	659,910
3.050%, 2/15/2030       60,00         4.125%, 3/15/2028       228,00         LXP Industrial Trust       1,955,00         2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00			
4.125%, 3/15/2028       228,00         LXP Industrial Trust       1,955,00         2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00	00	166,028	160,786
LXP Industrial Trust       1,955,00         2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00	00	49,441	52,881
2.375%, 10/1/2031       1,955,00         2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00	00	227,266	218,202
2.700%, 9/15/2030       440,00         MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031       1,714,00         Simon Property Group L.P.       4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029       685,00			
MPT Operating Partnership L.P./MPT Finance Corporation, 3.500%, 3/15/2031         1,714,00           Simon Property Group L.P.         4.750%, 9/26/2034         440,00           5.500%, 3/8/2033         1,985,00           Sun Communities Operating L.P., 5.700%, 1/15/2033         3,071,00           UDR, Inc.         4.400%, 1/26/2029         685,00	00	1,646,112	1,589,783
Simon Property Group L.P.         4.750%, 9/26/2034         440,00           5.500%, 3/8/2033         1,985,00           Sun Communities Operating L.P., 5.700%, 1/15/2033         3,071,00           UDR, Inc.         4.400%, 1/26/2029           685,00         685,00	00	400,640	380,512
4.750%, 9/26/2034       440,00         5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       4.400%, 1/26/2029         685,00       685,00	00	1,190,907	1,080,003
5.500%, 3/8/2033       1,985,00         Sun Communities Operating L.P., 5.700%, 1/15/2033       3,071,00         UDR, Inc.       685,00         4.400%, 1/26/2029       685,00			
Sun Communities Operating L.P., 5.700%, 1/15/2033         3,071,00           UDR, Inc.         4.400%, 1/26/2029           685,00         685,00	00	437,023	416,774
UDR, Inc. 4.400%, 1/26/2029 685,00	00	1,966,474	2,018,752
4.400%, 1/26/2029 685,00	00	3,091,975	3,061,255
	00	684,750	665,831
5.125%, 9/1/2034 210,00	00	207,915	203,833
Total Real Estate	1	4,346,900	13,934,101
Technology - 1.4%			
Broadcom, Inc.			
3.137%, 11/15/2035 90,00	00	75,723	73,515
3.187%, 11/15/2036 1,265,00	00	1,049,186	1,019,359
4.150%, 4/15/2032 3,061,00	00	2,897,618	2,872,462
4.300%, 11/15/2032 265,00	00	255,703	249,993
5.050%, 7/12/2029 735,00	00	734,118	737,587
CDW LLC/CDW Finance Corporation, 5.550%, 8/22/2034 835,00	00	832,904	825,411
Flex Ltd., 5.250%, 1/15/2032 575,00	00	573,791	565,603
Foundry JV Holdco LLC			
5.875%, 1/25/2034 1,830,00	00	1,841,252	1,790,688
5.900%, 1/25/2030 1,343,00	00	1,369,642	1,361,565
6.150%, 1/25/2032 280,00	00	279,324	282,568
6.250%, 1/25/2035 420,00	00	419,048	422,878
6.400%, 1/25/2038 280,00			
Microchip Technology, Inc., 5.050%, 2/15/2030 1,285,00		279,256	283,004
Roper Technologies, Inc.	00		283,004 1,275,021
4.750%, 2/15/2032 710,00	00	279,256	

### **Pioneer Bond Fund Trust**

#### Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Corporate Bonds - 30.1% (continued)			
Technology - 1.4% (continued)			
Roper Technologies, Inc. (continued)			
4.900%, 10/15/2034	1,165,000	\$ 1,159,508	\$ 1,120,138
SK Hynix, Inc., 5.500%, 1/16/2029	334,000	332,962	335,597
Skyworks Solutions, Inc., 3.000%, 6/1/2031	1,920,000	1,687,745	1,644,323
Total Technology		15,780,518	15,550,316
Utilities - 1.9%			
AEP Texas, Inc., 5.450%, 5/15/2029	760,000	759,803	770,366
Algonquin Power & Utilities Corporation			
4.750%, 1/18/2082 <sup>†</sup>	1,015,000	885,809	953,000
5.365%, 6/15/2026	200,000	198,880	200,942
Alpha Generation LLC, 6.750%, 10/15/2032	170,000	170,000	168,194
Atmos Energy Corporation, 5.900%, 11/15/2033	2,450,000	2,571,950	2,566,906
Boston Gas Co., 3.150%, 8/1/2027	500,000	483,838	476,304
Entergy Louisiana LLC, 5.350%, 3/15/2034	1,560,000	1,557,399	1,559,041
ITC Holdings Corporation, 5.650%, 5/9/2034	800,000	799,026	805,723
Johnsonville Aeroderivative Combustion Turbine Generation LLC, 5.078%, 10/1/2054	1,185,000	1,185,000	1,138,037
KeySpan Gas East Corporation, 5.994%, 3/6/2033	2,760,000	2,796,887	2,799,555
Lightning Power LLC, 7.250%, 8/15/2032	845,000	850,425	868,784
Monongahela Power Co., 5.850%, 2/15/2034	550,000	549,108	562,341
NextEra Energy Capital Holdings, Inc., 6.051%, 3/1/2025	730,000	730,157	731,294
Puget Energy, Inc.			
2.379%, 6/15/2028	615,000	578,086	561,515
4.100%, 6/15/2030	1,491,000	1,431,757	1,406,008
4.224%, 3/15/2032	615,000	586,747	561,874
Sempra, 6.550%, 4/1/2055 <sup>†</sup>	2,090,000	2,090,000	2,074,108
Southern California Edison Co., 5.450%, 6/1/2031	395,000	394,814	401,345
Vistra Operations Co. LLC			
5.700%, 12/30/2034	755,000	756,659	747,140
6.000%, 4/15/2034	1,081,000	1,110,330	1,095,411
6.950%, 10/15/2033	312,000	312,550	335,676
Total Utilities		20,799,225	20,783,564
Total Corporate Bonds		331,609,385	329,103,345
Mutual Funds - 1.8%			
Pioneer CAT Bond Fund - Class K	1,811,586	19,547,018	19,565,134
Total Mutual Funds		19,547,018	19,565,134

### **Pioneer Bond Fund Trust**

	Principal Amount or Shares	Cost	Fair Value
Sovereign Bonds - 0.3%			
UAE International Government Bond, 4.857%, 7/2/2034	3,600,000	\$ 3,729,805	\$ 3,569,724
Total Sovereign Bonds		3,729,805	3,569,724
U.S. Government Obligations - 18.6%			
U.S. Treasury Bonds			
3.125%, 5/15/2048	18,634,600	16,013,824	13,978,134
3.625%, 2/15/2053	5,320,000	4,983,508	4,329,773
4.125%, 8/15/2044	7,000,000	7,025,171	6,341,563
4.375%, 8/15/2043	8,000,000	7,548,399	7,535,312
4.500%, 11/15/2054	19,500,000	18,748,565	18,625,547
U.S. Treasury Notes			
3.500%, 2/15/2033	12,800,000	12,927,015	11,908,500
3.625%, 8/31/2029	25,000,000	25,136,103	24,203,125
3.750%, 8/31/2026	9,000,000	9,012,482	8,928,281
3.875%, 12/31/2027	13,700,600	13,671,894	13,541,652
4.125%, 11/30/2029	64,000,000	63,169,990	63,265,000
4.250%, 11/15/2034	24,000,000	23,396,919	23,381,250
4.625%, 9/30/2030	7,911,800	7,958,951	7,984,428
Total U.S. Government Obligations		209,592,821	204,022,565
Money Market Trusts - 1.9%			
NT Collective Government Short Term Investment Fund	20,551,219	20,551,219	20,551,219
Total Money Market Trusts		20,551,219	20,551,219
Short-Term Investments - 7.4%	27 000 000	00.004.000	00 000 170
U.S. Cash Management Bill, 2/6/2025 <sup>A</sup>	27,000,000	26,884,980	26,889,176
U.S. Treasury Bill, 1/21/2025 - 2/18/2025 <sup>△</sup> Total Short-Term Investments	54,000,000	53,786,457	53,791,900
Total Investments - 106.8%		80,671,437 \$ 1,185,422,735	80,681,076 1,168,708,686
		φ 1,105,422,735	1,100,700,000
	Principal		<b>F</b> : 1
	Amount or Shares	Cost	Fair Value
TDA Calco Commitmente (2.0)%	Onares	0031	Value
TBA Sales Commitments - (3.2)%			
Collateralized Mortgage Obligations - (3.2)%			
Fannie Mae TBA		(10 060 607)	(0,752,070)
3.000%, 1/1/2052	(11,500,000)	(10,069,687)	(9,753,279)
5.500%, 1/1/2040	(1,000,000)	(1,011,563) (4,867,574)	(1,006,420)
6.000%, 1/1/2053 6.500%, 1/1/2054 <sup>γ</sup>	(4,800,000)	(4,867,574)	(4,824,224)
0.000 /0, 1/ 1/2004 ·	(17,100,000)	(17,497,227)	(17,465,308)

### **Pioneer Bond Fund Trust**

Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
TBA Sales Commitments - (3.2)% (continued)			
Collateralized Mortgage Obligations - (3.2)% (continued)			
Government National Mortgage Association TBA, 3.500%, 1/1/2055	(2,000,000)	\$ (1,803,906)	\$ (1,786,267)
Total Collateralized Mortgage Obligations		(35,249,957)	(34,835,498)
Total TBA Sales Commitments		(35,249,957)	(34,835,498)
Other Assets and Liabilities, Net - (3.6)%			(39,734,940)
Net Assets - 100.0%			\$ 1,094,138,248

#### **Centrally Cleared Credit Default Swaps**

Description	Implied Credit Spread	Fixed Rate (Pay) Receive	Payment Frequency	Maturity Date	Currency	Notional Value	Market Value	Upfro Premit Pai (Recei	ums d	Unrealized Gain/ (Loss)
Buy Protection										
CDX.NA.HY.43	3.12%	(5.00)%	Quarterly	12/20/2029	USD	18,880,000	\$ (1,484,441)	\$	-	\$ (1,484,441)

**Futures** 

Description	Number of Contracts Long (Short)	Expiration Date	Trading Currency	Notional Value	Unrealized Gain/ (Loss)
Futures in gain position					
2-Year U.S. Treasury Note	274	3/31/2025	USD	56,336,969	\$ 12,906
U.S. Treasury Long Bond	(3)	3/20/2025	USD	341,531	8,250
Total futures in gain position					 21,156
Futures in loss position					
5-Year U.S. Treasury Note	2,130	3/31/2025	USD	226,428,984	(941,561)
10-Year U.S. Treasury Note	59	3/20/2025	USD	6,416,250	(61,516)
Ultra 10-Year U.S. Treasury Note	146	3/20/2025	USD	16,251,625	(351,511)
Ultra Long U.S. Treasury Bond	177	3/20/2025	USD	21,046,406	(759,497)
Total futures in loss position					 (2,114,085)
					\$ (2,092,929)

 $\begin{array}{l} \ddagger \\ \mbox{Floating rate} \\ \mbox{$^{\gamma$ When issued}$} \\ \mbox{$\rho$ Perpetual bonds$} \\ \mbox{$\Delta$ Zero coupon} \\ \mbox{$SOFR Secured Overnight Financing Rate} \\ \end{array}$ 

TBA To Be Announced

### **Pioneer Bond Fund Trust**

Schedule of Investments (continued) December 31, 2024

The following table summarizes how the Fund's investments are broken down by country of issuance as a percentage of net assets of the Fund:

Country of Issuer	Fair Value	Percentage of Net Assets
United States	\$ 1,005,925,962	91.9%
United Kingdom	22,473,669	2.0%
Canada	15,083,849	1.4%
Cayman Islands	14,234,916	1.3%
Netherlands	11,652,736	1.1%
Italy	9,112,633	0.8%
Spain	7,300,706	0.7%
Japan	6,306,675	0.6%
Norway	4,778,406	0.4%
France	4,636,222	0.4%
Switzerland	4,362,250	0.4%
Ireland	4,109,189	0.4%
United Arab Emirates	3,569,724	0.3%
Bermuda	3,472,323	0.3%
Multinational	2,934,790	0.3%
Finland	2,685,000	0.2%
Australia	2,038,634	0.2%
Luxembourg	2,030,439	0.2%
Germany	1,773,882	0.2%
Denmark	1,225,532	0.1%
Chile	843,382	0.1%
Liberia	788,124	0.1%
Supranational	726,835	0.1%
Isle of Man	632,758	0.1%
Singapore	565,603	0.0%
Korea	335,597	0.0%
Panama	 273,352	0.0%
Total	\$ 1,133,873,188	103.6%

#### **Pioneer Bond Fund Trust**

Schedule of Investments (continued) December 31, 2024

The following is a summary of the fair value of the investments in the Fund based on the inputs used to value them as of December 31, 2024 (see Note 3 in Notes to the Financial Statements):

	Fair Value Measurements									
								Investments Measured at		
		Level 1		Level 2		Level 3	Ne	et Asset Value*		Total
Assets:										
Asset-Backed Securities	\$	-	\$	102,153,179	\$	-	\$	-	\$	102,153,179
Bank Loan Obligations		-		1,185,016		-		-		1,185,016
Collateralized Mortgage Obligations		-		407,877,428		-		-		407,877,428
Corporate Bonds		-		329,103,345		-		-		329,103,345
Futures		21,156		-		-		-		21,156 **
Mutual Funds		19,565,134		-		-		-		19,565,134
Sovereign Bonds		-		3,569,724		-		-		3,569,724
U.S. Government Obligations		-		204,022,565		-		-		204,022,565
Money Market Trusts		-		-		-		20,551,219		20,551,219
Short-Term Investments		-		80,681,076		-		-		80,681,076
Total Assets	\$	19,586,290	\$	1,128,592,333	\$	-	\$	20,551,219	\$	1,168,729,842
Liabilities:										
Centrally Cleared Credit Default Swaps	\$	-	\$	(1,484,441)	\$	-	\$	-	\$	(1,484,441)**
Futures		(2,114,085)		-		-		-		(2,114,085)**
TBA Sales Commitments		-		(34,835,498)		-		-		(34,835,498)
Total Liabilities	\$	(2,114,085)	\$	(36,319,939)	\$	-	\$	-	\$	(38,434,024)

\*Certain investments that are measured at fair value using the net asset value per share (or its equivalent) as a practical expedient have not been categorized in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Statement of Assets and Liabilities.

\*\*Centrally Cleared Swaps and Futures are valued at the unrealized gain (loss) as shown in the Schedule of Investments. Centrally Cleared Swaps with upfront premiums are presented here at market value.

**Concentration of Ownership:** As of December 31, 2024, the Fund had two unitholders holding 10% or more of the outstanding units of the Fund, and aggregated to 37.4% of the Fund's total units outstanding.

### **Pioneer Bond Fund Trust**

Schedule of Investments (continued) December 31, 2024

Supplementary Information (Unaudited): Total investment purchases, sales proceeds, and realized gain for the year ended December 31, 2024, were:

	Purchases at Cost <sup>(1)</sup>		
Equity	\$ 19,547,018	\$ -	\$ -
Fixed Income	3,130,862,917	2,687,391,680	1,945,232
Money Market	512,641,546	498,518,281	-
Total	\$ 3,663,051,481	\$ 3,185,909,961	\$ 1,945,232

<sup>(1)</sup> Purchases and sales balances may include amortization or accretion of premiums or discounts or paydowns on fixed income securities.

### **Pioneer Bond Fund Trust**

Statement of Assets and Liabilities
December 31, 2024

Assets	
Investments in securities, at fair value (cost \$1,185,422,735)	\$ 1,168,708,686
Cash and cash equivalents	61,112
Receivable for investment securities sold	65,919,066
Cash collateral held at broker	9,736,111
Dividends and interest receivable	7,719,240
Receivable for fund units sold	573,709
Receivable for expense reimbursement	62,107
Foreign tax reclaim receivable	27,787
Due from broker	 3,683
Total assets	 1,252,811,501
Liabilities	
Payable for investment securities purchased	121,257,348
TBA sales commitments, at value (proceeds of \$35,249,957)	34,835,498
Due to broker	1,484,441
Accrued trustee and sub-advisor fees	525,343
Variation margin payable on futures	330,063
Payable for fund units redeemed	236,877
Variation margin payable on centrally cleared swaps	 3,683
Total liabilities	 158,673,253
Net Assets	\$ 1,094,138,248

### **Pioneer Bond Fund Trust**

Statement of Operations For the year ended December 31, 2024	
Investment Income (Loss)	
Income Interest Dividends (net of withholding taxes of \$1,299) Total income	\$ 39,055,366 3,132,256 42,187,622
Expenses Trustee and sub-advisor fees Expense reimbursement from sub-advisor Total expenses Net investment income	 1,696,225 (173,825) 1,522,400 40,665,222
Realized and Unrealized Gain / Loss	
Net realized gain (loss) on: Investments Futures Swaps Net realized loss	 1,945,232 (4,356,077) (633,600) (3,044,445)
Change in net unrealized gain / loss on: Investments Futures Swaps Change in net unrealized gain / loss Net realized and unrealized gain / loss	 (15,107,841) (4,735,055) (393,575) (20,236,471) (23,280,916)
Increase in net assets from operations	\$ 17,384,306

### **Pioneer Bond Fund Trust**

Statement of Changes in Net Assets For the year ended December 31, 2024	
Increase (Decrease) in Net Assets	
Operations	
Net investment income	\$ 40,665,222
Net realized loss	(3,044,445)
Change in net unrealized gain / loss	(20,236,471)
Increase in net assets from operations	17,384,306
Unit transactions	
Proceeds from units issued	
Class MSG	311,264,918
Class R	3,016,999
Class R1	296,452,120
Total proceeds from units issued	610,734,037
Value of units redeemed	
Class MSG	(27,112,061)
Class R	(2,275,095)
Class R1	(153,378,660)
Total value of units redeemed	(182,765,816)
Increase in net assets resulting from unit transactions	427,968,221
Increase in net assets	445,352,527
Net assets, beginning of year	648,785,721
Net assets, end of year	\$ 1,094,138,248

### **Pioneer Bond Fund Trust**

### Financial Highlights For the year ended December 31, 2024

Per Unit Operating Performance	C	lass MSG	Class R	Class R1
Net asset value, beginning of year	\$	11.1100	\$ 11.2000	\$ 11.1100
Investment operations:				
Net investment income <sup>(1)</sup>		0.6093	0.6103	0.5856
Net realized and unrealized gain / loss <sup>(1)</sup>		(0.3008)	(0.2902)	(0.2831)
Total from investment operations		0.3085	0.3201	0.3025
Net asset value, end of year	\$	11.4185	\$ 11.5201	\$ 11.4125
Total Return		2.78%	2.86%	2.72%
Supplemental Data				
Ratio to average net assets:				
Gross expenses (excluding reimbursement)		0.21%	0.08%	0.23%
Net expenses		0.19%	0.06%	0.21%
Net investment income		5.36%	5.38%	5.21%
Unit Activity				
Units, beginning of year		15,430,675	1,121,160	41,834,546
Issued		27,040,163	263,633	26,226,041
Redeemed		(2,390,983)	(202,295)	(13,483,395)
Units, end of year		40,079,855	1,182,498	54,577,192

<sup>(1)</sup> Based on average units outstanding.

## Pioneer Emerging Markets Equity Focus Portfolio

Schedule of Investments December 31, 2024

	Principal Amount or Shares	Cost		Fair Value
Common Stocks - 94.9%				
Communications - 14.8%				
Bharti Airtel Ltd.	128,379	\$ 2,43	6,867	\$ 2,380,853
Far EasTone Telecommunications Co. Ltd.	514,000	1,40	5,374	1,401,626
KT Corporation	70,742	2,21	9,775	2,107,147
MakeMyTrip Ltd.	13,232	1,29	5,680	1,485,689
Meituan Class B	201,200	4,46	7,533	3,929,227
Naspers Ltd. Class N	9,668	2,18	6,976	2,138,139
NetEase, Inc.	153,500	2,57	9,806	2,734,878
Ooredoo QPSC	351,685	1,08	5,986	1,115,617
PT Telkom Indonesia Persero Tbk	8,277,800	1,52	3,012	1,393,777
Singapore Telecommunications Ltd.	718,400	1,63	5,340	1,621,956
SK Telecom Co. Ltd.	16,621	67	4,089	623,224
Tencent Holdings Ltd.	307,800	15,81	6,022	16,523,356
Trip.com Group Ltd.	31,000	1,86	6,205	2,155,009
Zomato Ltd.	470,462	1,42	4,526	1,527,932
Total Communications		40,61	7,191	41,138,430
Consumer Discretionary - 10.7%	E14 400	c 00	0 0 0 0	
Alibaba Group Holding Ltd.	514,400		8,932	5,456,595
ANTA Sports Products Ltd.	255,400		2,687	2,559,606
Cie Financiere Richemont S.A. Class A	6,787		3,969	998,412
Contemporary Amperex Technology Co. Ltd. Class A	44,254 56,706		4,905	1,603,428
Fila Holdings Corporation	1,212,000		6,747 9,358	1,552,323
Geely Automobile Holdings Ltd. Honasa Consumer Ltd.	185,526		9,356 7,156	2,312,301 553,022
Hyundai Mobis Co. Ltd.	7,525		2,736	1,208,887
JD.com, Inc. Class A	122,000		1,796	2,135,956
Kangwon Land, Inc.	85,497		4,679	2,135,950 927,478
Kia Corporation	21,028		4,07 <i>9</i> 5,543	1,438,386
KPR Mill Ltd.	57,998		9,718	673,509
Makalot Industrial Co. Ltd.	48,000		3,530	469,978
Natura & Co. Holding S.A.	211,900		9,748	437,667
New Oriental Education & Technology Group, Inc.	311,500		2,071	1,962,928
PDD Holdings, Inc. <sup>^</sup>	16,285		7,404	1,579,482
Samsonite International S.A.	528,000		0,040	1,468,187
Samsung SDI Co. Ltd.	7,382		1,220	1,241,072
Tata Motors Ltd.	113,250		7,498	979,072
Total Consumer Discretionary	110,200	32,30		 29,558,288
יטנמי סטוופנוטופי בוטופנטומו א		52,30	5,151	 20,000,200

## Pioneer Emerging Markets Equity Focus Portfolio

BGF retail Co. Ltd.         8,434         663,426         587,2           Cartsberg A/S Class B         15,170         1,633,276         1,453,4           China Resources Beer Holdings Co. Ltd.         920,000         3,464,963         2,990,4           Coca-Cola lececk A.S.         450,371         643,861         763,5           CP ALL PCL         1,177,100         2,166,911         1,924,7           Formento Economico Mexicano S.A.B. de C.V.         221,300         2,131,443         1,891,2           Giant Biogene Holding Co. Ltd.         97,800         650,457         628,2           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inner Mongolia Yili Industrial Group Co. Ltd. Class A         361,280         1,366,301         1,485,1           Raia Drogasil S.A.         222,800         966,544         793,4           Savola Group/The         2,3243         171,969         227,00           Thai Beverage PCL         2,282,300         903,485         915,7           Tingry Cayman Islands Holding Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,665,55         20,375,825         18,665,55           Energy - 2.6%         KOC		Principal Amount or Shares	Cost	Fair Value
Almarai Co. JSC         26,744         \$ 435,091         \$ 407,11           BGF retail Co. Ltd.         8,434         683,426         587,27           Carlsberg A/S Class B         15,170         1,693,276         1,453,4           China Resources Beer Holdings Co. Ltd.         920,000         3,464,963         2,990,4           Coca-Cola loceck A.S.         450,371         643,861         763,55           CP ALL PCL         1,177,100         2,166,911         1,924,77           Formento Economico Maxicano S.A.B. de C.V.         221,300         2,413,443         1,891,22           Giant Biogene Holding Co. Ltd.         97,800         650,457         628,22           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inaer Mongolia Yili Industrial Group Co. Ltd. Class A         361,280         1,386,301         1,485,1           Raia Drogasil S.A.         222,000         986,544         793,4         Savola Group/The         23,243         171,969         227,00           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,1         1,40,542         1,129,9           ProtChina Co. Ltd. Class H         1,862,000         1,303,370         1,303,370         1,303,370         1,323,00     <	Common Stocks - 94.9% (continued)			
BGF retail Co. Ltd.         8,434         683,426         587,2           Carlsberg A/S Class B         15,170         1,633,276         1,433,4           China Resources Beer Holdings Co. Ltd.         920,000         3,464,963         2,990,4           Coca-Cola Icecek A.S.         450,371         643,8861         763,55           CP ALL PCL         1,177,100         2,166,911         1,924,77           Formento Economico Mexicano S.A.B. de C.V.         221,300         2,131,443         1,891,27           Giant Biogene Holding Co. Ltd.         97,800         650,457         628,22           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inner Mongola XII Industrial Group Co. Ltd. Class A         361,280         1,366,301         1,485,1           Raia Drogasil S.A.         222,800         986,544         793,4           Savola Group/The         2,3243         171,969         227,00           Thai Beverage PCL         2,292,300         903,485         915,7           Total Consumer Staples         20,375,825         18,656,55           Energy - 2.6%         KOC Holding A.S.         223,718         1,140,542         1,129,9           Vbrot China Co. Ltd. Class H         1,682,000         1,303,37	Consumer Staples - 6.7%			
Carlsberg A/S Class B         15,170         1,693,276         1,453,4           China Resources Beer Holdings Co. Ltd.         920,000         3,464,963         2,990,4           Coca-Cola Icecek A.S.         450,371         643,861         763,55           CP ALL PCL         1,177,100         2,166,911         1,924,7.           Formento Economico Mexicano S.A.B. de C.V.         221,300         2,131,443         1,891,22           Giant Biogene Holding Co. Ltd.         97,800         650,457         628,22           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inner Mongolia Vili Industrial Group Co. Ltd. Class A         361,280         1,346,31         1,485,11           Raia Drogasil S.A.         222,800         986,544         793,4           Savoia Group/The         2,324,33         171,969         227,00           Thai Beverage PCL         2,292,300         903,485         915,7           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,1           Uni-President Enterprises Corporation         973,000         2,674,630         2,401,0           Total Consumer Staples         20,375,825         18,666,51           Energy - 2.6%         KOC Holding A.S. <td< td=""><td>Almarai Co. JSC</td><td>26,744</td><td>\$ 435,091</td><td>\$ 407,127</td></td<>	Almarai Co. JSC	26,744	\$ 435,091	\$ 407,127
China Resources Beer Holdings Co. Ltd.         920,000         3,464,963         2,990,44           Coca-Cola lececk A.S.         450,371         643,861         763,5           CP ALL PCL         1,177,100         2,166,911         1,924,7           Formento Economico Mexicano S.A.B. de C.V.         221,300         2,131,443         1,891,20           Giant Biogene Holding Co. Ltd.         97,800         650,457         6628,22           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inner Mongolia Yili Industrial Group Co. Ltd. Class A         361,280         1,386,301         1,485,17           Raia Drogasil S.A.         222,800         996,544         793,4           Savola Group/The         23,243         171,969         227,00           Thai Beverage PCL         2,292,300         903,485         915,7           Tingyi Cayman Islands Holding Corporation         973,000         2,674,630         2,241,00           Total Consumer Staples         20,375,825         18,665,65           Energy - 2.6%         20,700         1,157,634         859,6           KOC Holding A.S.         223,718         1,140,542         1,129,9           PetroChina Co. Ltd. Class H         1,682,000         1,303,370	BGF retail Co. Ltd.	8,434	683,426	587,226
Coca-Cola loccek A.S.         450,371         643,861         763,50           CP ALL PCL         1,177,100         2,166,911         1,924,70           Formento Economico Mexicano S.A.B. de C.V.         221,300         2,131,443         1,891,20           Giant Biogene Holding Co. Ltd.         97,800         650,457         628,22           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inner Mongolia Yili Industrial Group Co. Ltd. Class A         361,280         1,386,301         1,485,17           Raia Drogasil S.A.         222,800         986,544         793,4           Savola Group/The         23,243         171,969         227,000           Thai Beverage PCL         2,292,300         903,485         915,77           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,1           Uhi-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         223,718         1,140,542         1,129,99           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,66           Total Energy         7,933,650 <td>Carlsberg A/S Class B</td> <td>15,170</td> <td>1,693,276</td> <td>1,453,469</td>	Carlsberg A/S Class B	15,170	1,693,276	1,453,469
CP ALL PCL         1,177,100         2,166,911         1,924,7.           Fomento Economico Mexicano S.A.B. de C.V.         221,300         2,131,443         1,891,22           Giant Biogene Holding Co. Ltd.         97,800         650,457         628,22           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inner Mongolia Yili Industrial Group Co. Ltd. Class A         361,280         1,386,301         1,485,17           Raia Drogasil S.A.         222,800         986,544         793,4           Savola Group/The         23,243         171,969         227,00           Thia Beverage PCL         2,292,300         903,485         915,77           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,14           Uni-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         223,718         1,140,542         1,129,90           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,66           Vibra Energia S.A.         297,700         7,193,650         7,306,337           Total Energy         164,600 <td>China Resources Beer Holdings Co. Ltd.</td> <td>920,000</td> <td>3,464,963</td> <td>2,990,493</td>	China Resources Beer Holdings Co. Ltd.	920,000	3,464,963	2,990,493
Formento Economico Mexicano S.A.B. de C.V.         221,300         2,131,443         1,891,22           Giant Biogene Holding Co. Ltd.         97,800         650,457         628,22           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inner Mongolia Yili Industrial Group Co. Ltd. Class A         361,280         1,386,301         1,485,1           Raia Drogasil S.A.         222,800         986,544         793,4           Savola Group/The         23,243         171,969         227,00           Thai Beverage PCL         2,292,300         903,485         915,77           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,1           Uni-President Enterprises Corporation         97,300         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,666,55           Energy - 2.6%         KOC Holding A.S.         223,718         1,140,542         1,129,90           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,650           Vibra Energia S.A.         297,700         1,157,634         859,67           Total Energy         242	Coca-Cola Icecek A.S.	450,371	643,861	763,557
Giant Biogene Holding Co. Ltd.         97,800         650,457         628,22           Indofood CBP Sukses Makmur Tbk PT         2,340,200         1,791,724         1,653,9           Inner Mongolia Yili Industrial Group Co. Ltd. Class A         361,280         1,386,301         1,485,17           Raia Drogasil S.A.         222,800         986,544         793,4           Savola Group/The         23,243         171,969         227,00           Thai Beverage PCL         2,292,300         903,485         915,7           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,14           Uni-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,656,59           Energy - 2.6%         KOC Holding A.S.         223,718         1,140,542         1,129,90           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,333,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,65         7,306,33           Total Energy         7,936,50         7,306,33         1,157,634         859,60           Total Energia S.A.         1,270,805         1,952,478         2,122,4	CP ALL PCL	1,177,100	2,166,911	1,924,720
Indofood CBP Sukses Makmur Tbk PT       2,340,200       1,791,724       1,653,9         Inner Mongolia Yili Industrial Group Co. Ltd. Class A       361,280       1,386,301       1,485,17         Raia Drogasii S.A.       222,800       986,544       793,4         Savola Group/The       2,3243       171,969       227,00         Thai Beverage PCL       2,92,300       903,485       915,77         Tingyi Cayman Islands Holding Corporation       410,000       591,744       534,1         Uni-President Enterprises Corporation       973,000       2,674,630       2,401,00         Total Consumer Staples       20,375,825       18,656,50         Energy - 2.6%       KOC Holding A.S.       223,718       1,140,542       1,29,99         Vibra Energia S.A.       281,307       4,392,104       3,993,60         Vibra Energia S.A.       297,700       1,157,634       859,6         Total Energy       242,451       821,294       912,22         Ald Group Ltd.       164,600       1,306,729       1,92,9         Abu Dhabi Islamic Bank PJSC       242,451       821,294       912,22         AlA Group Ltd.       164,600       1,306,729       1,92,9         Alpha Services and Holdings S.A.       1,270,805       1,952,	Fomento Economico Mexicano S.A.B. de C.V.	221,300	2,131,443	1,891,285
Indofood CBP Sukses Makmur Tbk PT       2,340,200       1,791,724       1,653,9         Inner Mongolia Yili Industrial Group Co. Ltd. Class A       361,280       1,386,301       1,485,1         Raia Drogasil S.A.       22,800       986,544       793,4         Savola Group/The       2,3243       171,969       227,00         Thai Beverage PCL       2,92,300       903,485       915,7         Tingyi Cayman Islands Holding Corporation       410,000       591,744       534,1         Uni-President Enterprises Corporation       973,000       2,674,630       2,401,00         Total Consumer Staples       20,375,825       18,656,52         Energy - 2.6%       KOC Holding A.S.       223,718       1,140,542       1,129,99         PetroChina Co. Ltd. Class H       1,682,000       1,303,370       1,323,00         Reliance Industries Ltd.       281,307       4,392,104       3,993,66         Vibra Energia S.A.       297,700       1,157,634       859,6         Total Energy       7,993,650       7,306,33       1,212,94       912,22         Ald Group Ltd.       164,600       1,306,729       1,92,9         Abu Dhabi Islamic Bank PJSC       242,451       821,294       912,22         AlA Group Ltd.       1	Giant Biogene Holding Co. Ltd.	97,800	650,457	628,251
Inner Mongolia Yili Industrial Group Co. Ltd. Class A         361,280         1,386,301         1,485,11           Raia Drogasil S.A.         222,800         986,544         793,4           Savola Group/The         23,243         171,969         227,0           Thai Beverage PCL         2,92,300         903,485         915,7           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,1           Uni-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,666,55           Energy - 2.6%         KOC Holding A.S.         223,718         1,140,542         1,129,90           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00         1,333,01         1,328,00           Vibra Energia S.A.         297,700         1,157,634         859,60         7,393,650         7,306,33           Financials - 17.4%         242,451         821,294         912,22         AlA Group Ltd.         164,600         1,306,729         1,192,9           Alpha Services and Holdings S.A.         1,270,805         1,952,478         2,127,8           Axis Bank Ltd.         248,071         3,490,514         3,085,00		2,340,200	1,791,724	1,653,916
Raia Drogasil S.A.         222,800         986,544         793,4           Savola Group/The         23,243         171,969         227,00           Thai Beverage PCL         2,292,300         903,485         915,77           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,1           Uni-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,656,51           Energy - 2.6%         KOC Holding A.S.         223,718         1,140,542         1,129,90           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,66           Vibra Energia S.A.         297,700         1,157,634         859,60           Total Energy         242,451         821,294         912,22           Ald Group Ltd.         164,600         1,306,729         1,182,98           Abu Dhabi Islamic Bank PJSC         242,451         821,294         912,22           AlA Group Ltd.         164,600         1,306,729         1,182,98           Apha Services and Holdings S.A.         1,270,805         1,952,478         2,127,88	Inner Mongolia Yili Industrial Group Co. Ltd. Class A	361,280	1,386,301	1,485,177
Savola Group/The         23,243         171,969         227,00           Thai Beverage PCL         2,292,300         903,485         915,77           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,14           Uni-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,656,51           Energy - 2.6%         XOC Holding A.S.         223,718         1,140,542         1,129,91           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,66           Vibra Energia S.A.         297,700         1,157,634         859,67           Total Energy         242,451         821,294         912,224           Ald Group Ltd.         164,600         1,306,729         1,192,99           Alpha Services and Holdings S.A.         1,270,805         1,952,478         2,127,8           Axis Bank Ltd.         248,071         3,490,514         3,085,00           Baja Finance Ltd.         28,070         2,314,336         2,237,00           Ald Group Ltd.         164,600         1,366,729         1,192,99				793,415
Thai Beverage PCL         2,292,300         903,485         915,7           Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,10           Uni-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,656,50           Energy - 2.6%         1,140,542         1,129,90           KOC Holding A.S.         223,718         1,140,542         1,129,90           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,66           Vibra Energia S.A.         297,700         1,157,634         859,6           Total Energy         7,993,650         7,306,33         7,993,650         7,306,33           Financials - 17.4%         242,451         821,294         912,22           Ald Group Ltd.         164,600         1,306,729         1,192,99           Alpha Services and Holdings S.A.         1,270,805         1,952,478         2,127,8           Axis Bank Ltd.         248,071         3,490,514         3,085,07           Bajj Finance Ltd.         28,070         2,314,336         2,237,0           Banc od b	•			227,023
Tingyi Cayman Islands Holding Corporation         410,000         591,744         534,14           Uni-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,656,55           Energy - 2.6%         223,718         1,140,542         1,129,90           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,66           Vibra Energia S.A.         297,700         1,157,634         859,66           Total Energy         7,93,650         7,306,33         7,933,650         7,306,33           Financials - 17.4%         242,451         821,294         912,22           Abu Dhabi Islamic Bank PJSC         242,451         821,294         912,22           AlA Group Ltd.         164,600         1,306,729         1,192,99           Alpha Services and Holdings S.A.         1,270,805         1,952,478         2,127,88           Axis Bank Ltd.         248,071         3,490,514         3,085,00           Bajaj Finance Ltd.         28,070         2,314,336         2,237,00           Bance oto Brasil S.A.         404,600         1,864,207         1,582,97 <td></td> <td></td> <td></td> <td>915,777</td>				915,777
Uni-President Enterprises Corporation         973,000         2,674,630         2,401,00           Total Consumer Staples         20,375,825         18,656,53           Energy - 2.6%         223,718         1,140,542         1,129,90           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,66           Vibra Energia S.A.         297,700         1,157,634         859,67           Total Energy         242,451         821,294         912,22           Abu Dhabi Islamic Bank PJSC         242,451         821,294         912,22           AlA Group Ltd.         164,600         1,306,729         1,192,99           Alpha Services and Holdings S.A.         1,270,805         1,952,478         2,127,88           Axis Bank Ltd.         248,071         3,490,514         3,085,00           Bajaj Finance Ltd.         28,070         2,314,336         2,237,00           Banco do Brasil S.A.         404,600         1,864,207         1,582,90           Bank Central Asia Tbk PT         7,402,100         4,762,323         4,449,50           Bank for Foreign Trade of Vietnam JSC         234,900         864,089         840,60				534,143
Total Consumer Staples         20,375,825         18,656,51           Energy - 2.6%			2,674,630	2,401,004
KOC Holding A.S.         223,718         1,140,542         1,129,9           PetroChina Co. Ltd. Class H         1,682,000         1,303,370         1,323,00           Reliance Industries Ltd.         281,307         4,392,104         3,993,60           Vibra Energia S.A.         297,700         1,157,634         859,60           Total Energy         7,993,650         7,306,33           Financials - 17.4%         242,451         821,294         912,22           AlA Group Ltd.         164,600         1,306,729         1,192,99           Alpha Services and Holdings S.A.         1,270,805         1,952,478         2,127,86           Axis Bank Ltd.         248,071         3,490,514         3,085,00           Bajaj Finance Ltd.         28,070         2,314,336         2,237,00           Banco do Brasil S.A.         404,600         1,864,207         1,582,99           Bank for Foreign Trade of Vietnam JSC         234,900         864,089         840,60				18,656,583
PetroChina Co. Ltd. Class H       1,682,000       1,303,370       1,323,00         Reliance Industries Ltd.       281,307       4,392,104       3,993,60         Vibra Energia S.A.       297,700       1,157,634       859,60         Total Energy       7,993,650       7,306,33         Financials - 17.4%       400       164,600       1,306,729       1,192,93         AlA Group Ltd.       164,600       1,306,729       1,192,93         Alpha Services and Holdings S.A.       1,270,805       1,952,478       2,127,86         Axis Bank Ltd.       248,071       3,490,514       3,085,03         Bajaj Finance Ltd.       28,070       2,314,336       2,237,00         Banco do Brasil S.A.       404,600       1,864,207       1,582,93         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,55         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,60	Energy - 2.6%			
Reliance Industries Ltd.       281,307       4,392,104       3,993,64         Vibra Energia S.A.       297,700       1,157,634       859,65         Total Energy       7,993,650       7,306,33         Financials - 17.4%       400       164,600       1,306,729       1,192,93         AlA Group Ltd.       164,600       1,306,729       1,192,93         Alpha Services and Holdings S.A.       1,270,805       1,952,478       2,127,84         Axis Bank Ltd.       248,071       3,490,514       3,085,03         Bajaj Finance Ltd.       28,070       2,314,336       2,237,04         Banco do Brasil S.A.       404,600       1,864,207       1,582,94         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,55         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,60	KOC Holding A.S.	223,718	1,140,542	1,129,962
Vibra Energia S.A.         297,700         1,157,634         859,60           Total Energy         7,993,650         7,306,33           Financials - 17.4%         842,451         821,294         912,23           AlA Group Ltd.         164,600         1,306,729         1,192,93           Alpha Services and Holdings S.A.         1,270,805         1,952,478         2,127,84           Axis Bank Ltd.         248,071         3,490,514         3,085,03           Bajaj Finance Ltd.         28,070         2,314,336         2,237,00           Banco do Brasil S.A.         404,600         1,864,207         1,582,93           Bank Central Asia Tbk PT         7,402,100         4,762,323         4,449,53           Bank for Foreign Trade of Vietnam JSC         234,900         864,089         840,60	PetroChina Co. Ltd. Class H	1,682,000	1,303,370	1,323,003
Total Energy       7,993,650       7,306,33         Financials - 17.4%       Abu Dhabi Islamic Bank PJSC       242,451       821,294       912,23         AlA Group Ltd.       164,600       1,306,729       1,192,93         Alpha Services and Holdings S.A.       1,270,805       1,952,478       2,127,84         Axis Bank Ltd.       248,071       3,490,514       3,085,03         Bajaj Finance Ltd.       28,070       2,314,336       2,237,04         Banco do Brasil S.A.       404,600       1,864,207       1,582,94         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,553         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,61	Reliance Industries Ltd.	281,307	4,392,104	3,993,688
Financials - 17.4%         Abu Dhabi Islamic Bank PJSC       242,451       821,294       912,22         AIA Group Ltd.       164,600       1,306,729       1,192,93         Alpha Services and Holdings S.A.       1,270,805       1,952,478       2,127,84         Axis Bank Ltd.       248,071       3,490,514       3,085,03         Bajaj Finance Ltd.       28,070       2,314,336       2,237,04         Banco do Brasil S.A.       404,600       1,864,207       1,582,94         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,53         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,60	Vibra Energia S.A.	297,700	1,157,634	859,679
Abu Dhabi Islamic Bank PJSC       242,451       821,294       912,22         AlA Group Ltd.       164,600       1,306,729       1,192,92         Alpha Services and Holdings S.A.       1,270,805       1,952,478       2,127,84         Axis Bank Ltd.       248,071       3,490,514       3,085,02         Bajaj Finance Ltd.       28,070       2,314,336       2,237,04         Banco do Brasil S.A.       404,600       1,864,207       1,582,94         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,52         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,61	Total Energy		7,993,650	7,306,332
AlA Group Ltd.       164,600       1,306,729       1,192,99         Alpha Services and Holdings S.A.       1,270,805       1,952,478       2,127,84         Axis Bank Ltd.       248,071       3,490,514       3,085,00         Bajaj Finance Ltd.       28,070       2,314,336       2,237,04         Banco do Brasil S.A.       404,600       1,864,207       1,582,99         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,55         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,60	Financials - 17.4%			
Alpha Services and Holdings S.A.       1,270,805       1,952,478       2,127,84         Axis Bank Ltd.       248,071       3,490,514       3,085,03         Bajaj Finance Ltd.       28,070       2,314,336       2,237,04         Banco do Brasil S.A.       404,600       1,864,207       1,582,94         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,53         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,60	Abu Dhabi Islamic Bank PJSC	242,451	821,294	912,232
Axis Bank Ltd.       248,071       3,490,514       3,085,02         Bajaj Finance Ltd.       28,070       2,314,336       2,237,02         Banco do Brasil S.A.       404,600       1,864,207       1,582,92         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,52         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,60	AIA Group Ltd.	164,600	1,306,729	1,192,976
Bajaj Finance Ltd.       28,070       2,314,336       2,237,04         Banco do Brasil S.A.       404,600       1,864,207       1,582,94         Bank Central Asia Tbk PT       7,402,100       4,762,323       4,449,55         Bank for Foreign Trade of Vietnam JSC       234,900       864,089       840,66	Alpha Services and Holdings S.A.	1,270,805	1,952,478	2,127,840
Banco do Brasil S.A.         404,600         1,864,207         1,582,9           Bank Central Asia Tbk PT         7,402,100         4,762,323         4,449,53           Bank for Foreign Trade of Vietnam JSC         234,900         864,089         840,60	Axis Bank Ltd.	248,071	3,490,514	3,085,032
Bank Central Asia Tbk PT         7,402,100         4,762,323         4,449,53           Bank for Foreign Trade of Vietnam JSC         234,900         864,089         840,60	Bajaj Finance Ltd.	28,070	2,314,336	2,237,043
Bank for Foreign Trade of Vietnam JSC234,900864,089840,60	Banco do Brasil S.A.	404,600	1,864,207	1,582,943
•	Bank Central Asia Tbk PT	7,402,100	4,762,323	4,449,538
•	Bank for Foreign Trade of Vietnam JSC	234,900	864,089	840,607
	Bank Polska Kasa Opieki S.A.	64,815	2,282,720	2,163,848
	Caixa Seguridade Participacoes S/A	359,500	902,185	829,233
	•	522,300	1,120,325	1,003,098
·	Cathay Financial Holding Co. Ltd.	345,000	744,427	718,739
		970,800		1,780,288
				1,032,085

## Pioneer Emerging Markets Equity Focus Portfolio

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 94.9% (continued)			
Financials - 17.4% (continued)			
FirstRand Ltd.	360,099	\$ 1,562,981	\$ 1,449,556
Grupo Financiero Banorte S.A.B. de C.V. Class O	386,900	2,736,058	2,492,840
Haci Omer Sabanci Holding A.S.	357,628	957,786	970,922
Hana Financial Group, Inc.	36,651	1,638,676	1,414,106
HDFC Bank Ltd.	328,038	6,752,493	6,792,859
HDFC Life Insurance Co. Ltd.	125,239	1,060,691	902,644
IndusInd Bank Ltd.	117,825	1,547,145	1,321,396
Nedbank Group Ltd.	42,478	722,210	634,154
OTP Bank Nyrt	8,182	463,326	446,727
PICC Property & Casualty Co. Ltd. Class H	1,470,000	2,208,225	2,320,072
PT Bank Mandiri Persero Tbk	2,496,500	1,007,540	884,129
Public Bank Bhd	1,546,900	1,550,688	1,577,516
Samsung Fire & Marine Insurance Co. Ltd.	3,194	799,293	777,807
Sanlam Ltd.	223,100	1,105,030	1,027,182
Saudi Awwal Bank	97,568	900,604	873,786
Shriram Finance Ltd.	17,152	650,787	578,817
Total Financials		50,929,282	48,420,015
Health Care - 3.6%			
Akeso, Inc.	150,000	1,289,976	1,172,124
Apollo Hospitals Enterprise Ltd.	28,545	2,341,479	2,432,720
JB Chemicals & Pharmaceuticals Ltd.	21,509	464,409	463,311
Max Healthcare Institute Ltd.	202,761	2,376,532	2,671,824
Sun Pharmaceutical Industries Ltd.	112,529	2,412,690	2,479,381
Syngene International Ltd.	63,655	647,142	638,269
Total Health Care		9,532,228	9,857,629
Industrials - 5.3%			
Bharat Forge Ltd.	50,204	859,089	762,028
Bidvest Group Ltd.	73,375	1,164,319	1,025,267
Hongfa Technology Co. Ltd. Class A	188,108	808,488	815,310
Indus Towers Ltd.	305,803	1,281,042	1,220,872
International Container Terminal Services, Inc.	289,560	1,857,210	1,932,235
KEPCO Plant Service & Engineering Co. Ltd.	17,712	568,932	530,584
Korea Aerospace Industries Ltd.	22,980	979,722	856,979
Larsen & Toubro Ltd.	48,218	2,021,515	2,031,843
Malaysia Airports Holdings Bhd	312,000	693,091	738,222
NARI Technology Co. Ltd. Class A	397,296	1,450,991	1,364,817
Samsung C&T Corporation	15,432	1,440,234	1,203,406
			· · ·

## Pioneer Emerging Markets Equity Focus Portfolio

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 94.9% (continued)			
Industrials - 5.3% (continued)			
SITC International Holdings Co. Ltd.	234,000	\$ 613,771	\$ 623,562
Weichai Power Co. Ltd. Class H	556,000	833,424	850,325
Zhuzhou CRRC Times Electric Co. Ltd. Class H	186,900	702,919	789,181
Total Industrials		15,274,747	14,744,631
Materials - 3.5%			
Aditya Birla Real Estate Ltd.	15,826	500,512	463,733
CMOC Group Ltd.	1,071,000	921,787	723,840
Gold Fields Ltd.	126,610	2,070,809	1,657,940
Grasim Industries Ltd. <sup>†††</sup>	2,226	44,862	39,955
Grasim Industries Ltd.	29,130	915,661	831,126
Grupo Mexico S.A.B. de C.V. Class B	300,100	1,545,310	1,427,848
Hangzhou Oxygen Plant Group Co. Ltd. Class A	275,700	997,955	818,669
Hindalco Industries Ltd.	425,108	3,475,304	2,991,416
Xinyi Glass Holdings Ltd.	848,000	952,959	861,324
Total Materials		11,425,159	9,815,851
Real Estate - 6.6%			
Aldar Properties PJSC	1,573,161	3,134,894	3,289,331
China Overseas Land & Investment Ltd.	565,000	993,518	901,911
China Resources Land Ltd.	861,500	2,860,650	2,500,895
Ciputra Development Tbk PT	9,714,100	771,870	591,477
Corp. Inmobiliaria Vesta S.A.B. de C.V.	194,900	515,368	498,762
Cyrela Brazil Realty S.A. Empreendimentos e Participacoes	118,400	442,940	324,851
DLF Ltd.	123,257	1,207,744	1,187,598
Emaar Properties PJSC	1,316,766	3,085,945	4,606,647
Ez Tec Empreendimentos e Participacoes S/A	73,900	182,107	129,549
KE Holdings, Inc. Class A	174,600	1,204,938	1,065,408
Multiplan Empreendimentos Imobiliarios S.A.	159,900	710,166	545,609
Oberoi Realty Ltd.	24,926	570,048	672,981
Phoenix Mills Ltd./The	40,019	771,676	763,791
Sun Hung Kai Properties Ltd.	137,500	1,486,584	1,321,375
Total Real Estate		17,938,448	 18,400,185
Technology - 20.6%			
AAC Technologies Holdings, Inc.	149,500	712,790	721,716
ASE Technology Holding Co. Ltd.	584,000	2,840,525	2,885,754
Asustek Computer, Inc.	50,000	942,162	939,468
HCL Technologies Ltd.	94,225	2,014,403	2,110,257

## Pioneer Emerging Markets Equity Focus Portfolio

Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 94.9% (continued)			
Technology - 20.6% (continued)			
Infosys Ltd.	256,827	\$ 5,499,696	\$ 5,639,687
Kingdee International Software Group Co. Ltd.	1,974,000	2,126,803	2,167,653
Lenovo Group Ltd.	542,000	654,735	703,321
MediaTek, Inc.	118,000	4,746,609	5,092,956
Samsung Electro-Mechanics Co. Ltd.	11,284	1,007,073	948,924
Samsung Electronics Co. Ltd.	94,621	4,170,454	3,419,378
SK Hynix, Inc.	28,647	3,923,802	3,383,971
Sunny Optical Technology Group Co. Ltd.	58,300	391,575	516,733
Taiwan Semiconductor Manufacturing Co. Ltd.	661,000	21,235,364	21,674,114
Tata Consultancy Services Ltd.	42,018	2,038,892	2,009,669
Unimicron Technology Corporation	247,000	1,254,998	1,062,301
Wistron Corporation	366,000	1,379,592	1,161,036
Xiaomi Corporation Class B	620,200	2,385,305	2,754,511
Total Technology		57,324,778	57,191,449
Utilities - 3.1%			
China Resources Gas Group Ltd.	198,000	791,563	783,797
Cia de Saneamento Basico do Estado de Sao Paulo S.A.B.ESP	176,800	2,848,665	2,532,726
Huaneng Lancang River Hydropower, Inc. Class A	893,800	1,226,045	1,157,807
Power Grid Corporation of India Ltd.	558,836	2,152,987	2,015,011
Tenaga Nasional Bhd	586,000	1,794,037	1,957,920
Total Utilities		8,813,297	8,447,261
Total Common Stocks		272,534,342	263,536,654
Preferred Stocks - 3.0% Energy - 0.7%			
Petroleo Brasileiro S.A., 7.224%	311,800	2,003,072	1,826,532
Total Energy		2,003,072	1,826,532
Financials - 0.7%			
Itau Unibanco Holding S.A., 4.538% <sup>^</sup>	122,841	737,355	609,291
Itausa S.A., 3.241%	964,540	1,668,673	1,378,618
Total Financials		2,406,028	1,987,909
Technology - 1.6%			
Samsung Electronics Co. Ltd., 3.269%	149,061	5,457,746	4,475,425
Total Technology		5,457,746	4,475,425
Total Preferred Stocks		9,866,846	8,289,866

## Pioneer Emerging Markets Equity Focus Portfolio

Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Money Market Trusts - 1.9%			
NT Collective Government Short Term Investment Fund	5,293,168	\$ 5,293,168	\$ 5,293,168
Total Money Market Trusts		5,293,168	5,293,168
Total Investments - 99.8%		\$ 287,694,356	277,119,688
Other Assets and Liabilities, Net - 0.2%			 595,739
Net Assets - 100.0%			\$ 277,715,427

^ American Depositary Receipt ††† Security is a Level 3 investment.

The following table summarizes how the Fund's investments are broken down by country of issuance as a percentage of net assets of the Fund:

Country of Issuer		Fair Value	Percentage of Net Assets
Hong Kong	\$	68,684,656	24.7%
India		56,451,340	20.3%
Taiwan		37,806,976	13.6%
Korea		27,728,409	10.0%
Brazil		11,240,822	4.1%
Indonesia		8,972,836	3.2%
United States		8,967,630	3.2%
South Africa		8,930,650	3.2%
United Arab Emirates		8,808,209	3.2%
China		7,245,208	2.6%
Mexico		6,310,735	2.3%
Malaysia		6,053,947	2.2%
Singapore		3,540,831	1.3%
Turkey		2,864,441	1.0%
Poland		2,163,847	0.8%
Greece		2,127,840	0.8%
Philippines		1,932,235	0.7%
Thailand		1,924,720	0.7%
Saudi Arabia		1,507,936	0.5%
Denmark		1,453,469	0.5%
Qatar		1,115,617	0.4%
Vietnam		840,607	0.3%
Hungary	_	446,727	0.2%
Total	\$	277,119,688	99.8%

### **Pioneer Emerging Markets Equity Focus Portfolio**

Schedule of Investments (continued) December 31, 2024

The following is a summary of the fair value of the investments in the Fund based on the inputs used to value them as of December 31, 2024 (see Note 3 in Notes to the Financial Statements):

		Fa	ir Va	alue Measuren	nents		
						nvestments leasured at	
	 Level 1	Level 2		Level 3	Net	Asset Value*	Total
Common Stocks	\$ 261,571,979	\$ 1,924,720	\$	39,955	\$	-	\$ 263,536,654
Preferred Stocks	8,289,866	-		-		-	8,289,866
Money Market Trusts	 -	-		-		5,293,168	5,293,168
Total	\$ 269,861,845	\$ 1,924,720	\$	39,955	\$	5,293,168	\$ 277,119,688

\*Certain investments that are measured at fair value using the net asset value per share (or its equivalent) as a practical expedient have not been categorized in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Statement of Assets and Liabilities.

**Concentration of Ownership:** As of December 31, 2024, the Fund had four unitholders holding 10% or more of the outstanding units of the Fund, and aggregated to 88.1% of the Fund's total units outstanding.

Supplementary Information (Unaudited): Total investment purchases, sales proceeds, and realized gain for the year ended December 31, 2024, were:

	 Purchases at Cost	Sales Proceeds	Realized Gain
Equity	\$ 293,756,097	\$ 53,520,805	\$ 3,166,408
Money Market	204,053,776	200,541,135	-
Total	\$ 497,809,873	\$ 254,061,940	\$ 3,166,408

## Pioneer Emerging Markets Equity Focus Portfolio

Statement of Assets and Liabilities December 31, 2024	
Assets Investments in securities, at fair value (cost \$287,694,356) Foreign currency, at fair value (cost \$48,938) Dividends receivable Receivable for investment securities sold Receivable for fund units sold Foreign tax reclaim receivable Total assets	\$ 277,119,688 48,907 423,160 232,901 220,063 <u>5,887</u> 278,050,606
Liabilities Payable for investment securities purchased Accrued trustee and sub-advisor fees Payable for fund units redeemed Payable to custodian Total liabilities Net Assets	\$ 256,942 60,183 10,676 7,378 335,179 277,715,427
Statement of Operations For the year ended December 31, 2024	
Investment Income (Loss)	
<b>Income</b> Dividends (net of withholding taxes of \$184,515) Total income	\$ <u>1,811,422</u> 1,811,422
<b>Expenses</b> Trustee and sub-advisor fees Total expenses Net investment income	 86,251 86,251 1,725,171
Realized and Unrealized Gain / Loss	
Net realized gain (loss) on: Investments Foreign currency transactions	 3,166,408 (292,055)

Net realized gain2,874,353Change in net unrealized gain / loss on:(14,269,451)Investments(14,269,451)Translation of assets and liabilities in foreign currencies(4,372)Change in net unrealized gain / loss(14,273,823)Net realized and unrealized gain / loss(11,399,470)Decrease in net assets from operations\$ (9,674,299)

## Pioneer Emerging Markets Equity Focus Portfolio

Statement of Changes in Net Assets For the year ended December 31, 2024	
Increase (Decrease) in Net Assets Operations Net investment income	\$ 1,725,17
Net realized gain	2,874,35
Change in net unrealized gain / loss	(14,273,82
Decrease in net assets from operations	(9,674,29
Unit transactions	
Proceeds from units issued	
Class R	208,800,00
Class GS <sup>^</sup>	43,711,96
Total proceeds from units issued	252,511,96
Value of units redeemed	
Class R	(8,000,00
Class GS <sup>^</sup>	(1,561,79
Total value of units redeemed	(9,561,79
Increase in net assets resulting from unit transactions	242,950,16
Increase in net assets	233,275,87
Net assets, beginning of year	44,439,55
Net assets, end of year	\$ 277,715,42

^ Class GS funded on 11/15/2024.

## Pioneer Emerging Markets Equity Focus Portfolio

Financial Highlights For the year ended December	31, 2024		
Per Unit Operating Performance		Class R	Class GS
Net asset value, beginning of year or at inception	\$	11.1100	\$ 10.0000
Investment operations:			
Net investment income <sup>(1)</sup>		0.2425	0.0200
Net realized and unrealized gain / loss <sup>(1)</sup>		(0.1448)	(0.1318)
Total from investment operations		0.0977	(0.1118)
Net asset value, end of year	\$	11.2077	\$ 9.8882
Total Return		0.88%	(1.12)%
Supplemental Data			
Ratio to average net assets:			
Expenses		0.08%	0.48%#
Net investment income		2.12%	1.65%#
Unit Activity			
Units, beginning of year		4,000,000	-
Issued		17,756,168	4,371,226
Redeemed		(697,117)	(155,475)
Units, end of year		21,059,051	4,215,751

<sup>(1)</sup> Based on average units outstanding.

^ Not annualized for periods less than one year. Class GS funded on 11/15/2024.

# Annualized except audit expense.

## **Pioneer International Equity Portfolio**

### Schedule of Investments December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 96.5%			
Communications - 2.3%			
Deutsche Telekom AG	4,114 \$	5 120,130 \$	123,072
Total Communications		120,130	123,072
Consumer Discretionary - 9.4%			
Alibaba Group Holding Ltd.	8,400	120,861	89,104
LVMH Moët Hennessy Louis Vuitton SE	110	80,566	72,387
Persimmon PLC	9,489	201,600	142,371
Shimamura Co. Ltd.	1,200	67,306	67,299
Subaru Corporation	6,900	120,834	123,854
Total Consumer Discretionary		591,167	495,015
Consumer Staples - 1.6%			
Asahi Group Holdings Ltd.	8,200	88,253	86,456
Total Consumer Staples	_	88,253	86,456
Energy - 4.2%			
Inpex Corporation	4,000	57,515	50,153
Shell PLC <sup>^</sup>	2,048	138,412	128,307
Tourmaline Oil Corporation	900	41,675	41,627
Total Energy		237,602	220,087
Financials - 25.4%			
ABN AMRO Bank N.V.	9,723	167,368	149,915
AerCap Holdings N.V.	723	68,032	69,191
Bank of Ireland Group PLC	12,400	126,543	113,071
Edenred SE	2,285	86,370	75,124
FinecoBank Banca Fineco S.p.A.	10,366	172,117	180,224
Hiscox Ltd.	6,626	98,626	89,872
KB Financial Group, Inc.	2,168	134,100	122,085
Nexi S.p.A.	11,550	74,781	64,106
Standard Chartered PLC	15,111	169,166	187,093
Sumitomo Mitsui Financial Group, Inc.	8,000	168,154	191,601
UBS Group AG	2,231	69,010	68,265
UniCredit S.p.A.	683	28,375	27,246
Total Financials	_	1,362,642	1,337,793
Health Care - 14.8%			
BioNTech SE <sup>*</sup>	127	15,209	14,472
FUJIFILM Holdings Corporation	6,700	169,478	141,068

### **Pioneer International Equity Portfolio**

### Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 96.5% (continued)			
Health Care - 14.8% (continued)			
Hoya Corporation	1,000	\$ 136,912	\$ 126,082
Lonza Group AG	211	131,632	124,749
Olympus Corporation	8,600	161,318	129,717
Sanofi S.A.	1,832	205,217	177,828
Smith & Nephew PLC	5,295	80,577	65,744
Total Health Care		900,343	779,660
Industrials - 11.3%			
Ariston Holding N.V.	1,875	8,797	6,702
Fuji Electric Co. Ltd.	2,700	154,024	147,026
Mitsubishi Electric Corporation	6,300	104,713	107,712
RELX PLC	3,540	167,899	160,892
Schneider Electric SE	409	106,687	102,026
Siemens AG	382	75,984	74,587
Total Industrials		618,104	598,945
Materials - 10.8%			
Barrick Gold Corporation	7,100	143,013	110,040
CRH PLC	2,647	240,644	245,782
Holcim AG	1,269	122,951	122,328
Teck Resources Ltd. Class B	2,249	117,273	91,152
Total Materials		623,881	569,302
Technology - 14.1%			
Advanced Micro Devices, Inc.	861	137,899	104,000
AIXTRON SE	1,554	26,877	24,491
ASML Holding N.V.	142	106,344	99,797
Hensoldt AG	2,798	94,389	99,958
Samsung Electronics Co. Ltd.	3,233	140,938	116,833
Sony Group Corporation	6,300	119,642	135,052
Taiwan Semiconductor Manufacturing Co. Ltd.	5,000	154,395	163,949
Total Technology		780,484	744,080
Utilities - 2.6%		450.00-	<i>105 - 11</i>
RWEAG	4,546	159,627	135,714
Total Utilities		159,627	135,714
Total Common Stocks		5,482,233	5,090,124

### **Pioneer International Equity Portfolio**

Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Money Market Trusts - 3.3%			
NT Collective Government Short Term Investment Fund	173,540	\$ 173,540	\$ 173,540
Total Money Market Trusts		173,540	173,540
Total Investments - 99.8%		\$ 5,655,773	5,263,664
Other Assets and Liabilities, Net - 0.2%			 8,176
Net Assets - 100.0%			\$ 5,271,840

### ^ American Depositary Receipt

The following table summarizes how the Fund's investments are broken down by country of issuance as a percentage of net assets of the Fund:

Country of Issuer	F	- air Value	Percentage of Net Assets
Japan	\$	1,306,020	24.8%
United States		968,814	18.4%
United Kingdom		503,600	9.5%
Germany		457,822	8.7%
France		427,365	8.1%
Switzerland		315,343	6.0%
Italy		278,278	5.3%
Netherlands		249,712	4.7%
Korea		238,918	4.5%
Taiwan		163,949	3.1%
Canada		151,667	2.9%
Ireland		113,071	2.1%
Hong Kong		89,105	1.7%
Total	\$	5,263,664	99.8%

The following is a summary of the fair value of the investments in the Fund based on the inputs used to value them as of December 31, 2024 (see Note 3 in Notes to the Financial Statements):

	 Fair Value Measurements										
	Level 1		Level 2			Level 3		М	vestments easured at Asset Value*		Total
Common Stocks	\$ 5,090,124	\$		-	\$		-	\$	-	\$	5,090,124
Money Market Trusts	-			-			-		173,540		173,540
Total	\$ 5,090,124	\$		-	\$		-	\$	173,540	\$	5,263,664

\*Certain investments that are measured at fair value using the net asset value per share (or its equivalent) as a practical expedient have not been categorized in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Statement of Assets and Liabilities.

### **Pioneer International Equity Portfolio**

### Schedule of Investments (continued) December 31, 2024

**Concentration of Ownership:** As of December 31, 2024, the Fund had one unitholder holding 10% or more of the outstanding units of the Fund, and aggregated to 100.0% of the Fund's total units outstanding.

Supplementary Information (Unaudited): Total investment purchases, sales proceeds, and realized loss for the period ended December 31, 2024, were:

F	Purchases at Cost		Sales Proceeds		Realized Loss
\$	6,300,846	\$	791,764	\$	(26,849)
	6,162,874		5,989,334		-
\$	12,463,720	\$	6,781,098	\$	(26,849)
	\$	\$ 6,300,846 6,162,874	at Cost \$ 6,300,846 \$ 6,162,874	at Cost         Proceeds           \$ 6,300,846         \$ 791,764           6,162,874         5,989,334	at Cost         Proceeds           \$ 6,300,846         \$ 791,764         \$ 6,162,874           \$ 6,162,874         5,989,334

## **Pioneer International Equity Portfolio**

Statement of Assets and Liabilities December 31, 2024				
Assets				
Investments in securities, at fair value (cost \$5,655,773)	\$	5,263,664		
Foreign currency, at fair value (cost \$173)		173		
Receivable for fund units sold		21,827		
Dividends receivable		3,751		
Foreign tax reclaim receivable		1,557		
Receivable for investment securities sold		1,526		
Total assets		5,292,498		
Liabilities				
Payable to custodian		12,949		
Accrued trustee and sub-advisor fees		7,709		
Total liabilities		20,658		
Net Assets	\$	5,271,840		

### Statement of Operations

For the period from October 1, 2024 (date of inception) to December 31, 2024

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Investment Income (Loss)	
<b>Income</b> Dividends (net of withholding taxes of \$919) Total income	\$ <u>18,963</u> 18,963
<b>Expenses</b> Trustee and sub-advisor fees Total expenses Net investment income	 7,709 7,709 11,254
Realized and Unrealized Gain / Loss	
Net realized gain (loss) on: Investments Foreign currency transactions Net realized loss	 (26,849) (255) (27,104)
Change in net unrealized gain / loss on: Investments Translation of assets and liabilities in foreign currencies Change in net unrealized gain / loss Net realized and unrealized gain / loss	 (392,109) (43) (392,152) (419,256)
Decrease in net assets from operations	\$ (408,002)

## **Pioneer International Equity Portfolio**

Statement of Changes in Net As For the period from October 1, 2024 (date of inceptic	1, 2024
Increase (Decrease) in Net Assets	
Operations	
Net investment income	\$ 11,254
Net realized loss	(27,104)
Change in net unrealized gain / loss	(392,152)
Decrease in net assets from operations	 (408,002)
Unit transactions	
Proceeds from units issued	
Class R1	5,981,301
Value of units redeemed	
Class R1	(301,459)
Increase in net assets resulting from unit transactions	 5,679,842
Increase in net assets	 5,271,840
Net assets, beginning of period	-
Net assets, end of period	\$ 5,271,840

## **Pioneer International Equity Portfolio**

### Financial Highlights For the period from October 1, 2024 (date of inception) to December 31, 2024

Per Unit Operating Performance	(	Class R1
Net asset value, beginning of period	\$	10.0000
Investment operations:		
Net investment income <sup>(1)</sup>		0.0202
Net realized and unrealized gain / loss <sup>(1)</sup>		(0.7586)
Total from investment operations		(0.7384)
Net asset value, end of period	\$	9.2616
Total Return		(7.38)%
Supplemental Data		
Ratio to average net assets:		
Expenses		0.58% <sup>‡</sup>
Net investment income		0.84% <sup>#</sup>
Unit Activity		
Units, beginning of period		-
Issued		600,071
Redeemed		(30,858)
Units, end of period		569,213
<sup>(1)</sup> Based on average units outstanding.		
<ul> <li>Not annualized for periods less than one year.</li> </ul>		
# Annualized except audit expense.		

## Pioneer Large Cap Growth Portfolio

### Schedule of Investments December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 98.6%			
Communications - 11.4%			
Alphabet, Inc. Class C	193,437	\$ 26,884,755	\$ 36,838,142
Booking Holdings, Inc.	5,058	15,317,834	25,130,268
Uber Technologies, Inc.	435,314	28,300,145	26,258,141
Walt Disney Co./The	158,512	16,552,393	17,650,311
Total Communications		87,055,127	105,876,862
Consumer Discretionary - 17.9%			
Amazon.com, Inc.	333,907	53,341,970	73,255,857
Copart, Inc.	176,688	7,362,602	10,140,124
Home Depot, Inc./The	52,063	21,061,868	20,251,986
O'Reilly Automotive, Inc.	17,908	13,044,684	21,235,306
Ross Stores, Inc.	129,918	14,625,202	19,652,696
TJX Cos., Inc./The	185,428	15,117,251	22,401,557
Total Consumer Discretionary		124,553,577	166,937,526
Consumer Staples - 3.0%			
Colgate-Palmolive Co.	153,034	12,853,175	13,912,321
PepsiCo, Inc.	94,354	16,255,224	14,347,469
Total Consumer Staples		29,108,399	28,259,790
Energy - 1.5%			
Schlumberger N.V.	371,415	15,234,877	14,240,051
Total Energy		15,234,877	14,240,051
Financials - 11.7%			
FactSet Research Systems, Inc.	14,784	6,327,857	7,100,459
Intercontinental Exchange, Inc.	146,575	16,490,494	21,841,141
Mastercard, Inc. Class A	85,958	32,102,744	45,262,904
Progressive Corporation/The	62,775	11,041,007	15,041,518
Visa, Inc. Class A	62,480	14,978,747	19,746,179
Total Financials		80,940,849	108,992,201
Health Care - 10.8%			
Danaher Corporation	55,128	13,096,118	12,654,633
Eli Lilly & Co.	35,305	17,837,219	27,255,460
Intuitive Surgical, Inc.	45,626	13,987,123	23,814,947
Thermo Fisher Scientific, Inc.	35,601	17,760,765	18,520,708
Vertex Pharmaceuticals, Inc.	45,917	19,758,207	18,490,776
Total Health Care		82,439,432	100,736,524

## Pioneer Large Cap Growth Portfolio

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 98.6% (continued)			
Industrials - 7.6%			
Amphenol Corporation Class A	454,342	\$ 20,222,369	\$ 31,554,052
Eaton Corporation PLC	42,388	9,036,000	14,067,305
Illinois Tool Works, Inc.	33,273	7,324,414	8,436,702
Rockwell Automation, Inc.	22,796	6,100,661	6,514,869
Veralto Corporation	100,302	9,096,168	10,215,759
Total Industrials		51,779,612	70,788,687
Technology - 34.7%			
Adobe, Inc.	46,001	21,600,289	20,455,725
Advanced Micro Devices, Inc.	130,672	15,167,022	15,783,871
Apple, Inc.	209,291	33,170,156	52,410,652
ASML Holding N.V.	16,876	11,281,499	11,696,418
Intuit, Inc.	40,248	22,557,871	25,295,868
Microchip Technology, Inc.	123,127	10,810,720	7,061,333
Microsoft Corporation	156,229	46,385,939	65,850,524
Motorola Solutions, Inc.	52,578	15,399,664	24,303,129
NVIDIA Corporation	143,263	6,537,055	19,238,788
Oracle Corporation	196,789	29,178,598	32,792,919
QUALCOMM, Inc.	124,647	18,445,256	19,148,272
Salesforce, Inc.	85,856	21,111,221	28,704,237
Total Technology		251,645,290	322,741,736
Total Common Stocks		722,757,163	918,573,377
Money Market Trusts - 2.5%			
NT Collective Government Short Term Investment Fund	23,133,241	23,133,241	23,133,241
Total Money Market Trusts		23,133,241	23,133,241
Total Investments - 101.1%		\$ 745,890,404	941,706,618
Other Assets and Liabilities, Net - (1.1)%			(10,310,099)
Net Assets - 100.0%			\$ 931,396,519

### Pioneer Large Cap Growth Portfolio

Schedule of Investments (continued) December 31, 2024

The following is a summary of the fair value of the investments in the Fund based on the inputs used to value them as of December 31, 2024 (see Note 3 in Notes to the Financial Statements):

	 Fair Value Measurements										
	Level 1		Level 2			Level 3		Μ	vestments easured at Asset Value*		Total
Common Stocks	\$ 918,573,377	\$		-	\$		-	\$	-	\$	918,573,377
Money Market Trusts	-			-			-		23,133,241		23,133,241
Total	\$ 918,573,377	\$		-	\$		-	\$	23,133,241	\$	941,706,618

\*Certain investments that are measured at fair value using the net asset value per share (or its equivalent) as a practical expedient have not been categorized in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Statement of Assets and Liabilities.

**Concentration of Ownership:** As of December 31, 2024, the Fund had three unitholders holding 10% or more of the outstanding units of the Fund, and aggregated to 43.9% of the Fund's total units outstanding.

Supplementary Information (Unaudited): Total investment purchases, sales proceeds, and realized gain for the year ended December 31, 2024, were:

	Purchases at Cost								Realized Gain
Equity	\$	418,770,917	\$	184,192,523	\$ 65,097,909				
Money Market		381,121,023		366,331,252	-				
Total	\$	799,891,940	\$	550,523,775	\$ 65,097,909				

## Pioneer Large Cap Growth Portfolio

Statement of Assets and Liabilities December 31, 2024	S	
Assets		
Investments in securities, at fair value (cost \$745,890,404)	\$	941,706,618
Receivable for fund units sold		4,495,368
Dividends receivable		641,880
Total assets		946,843,866
Liabilities		
Payable for fund units redeemed		9,090,622
Payable for investment securities purchased		5,446,278
Accrued trustee and sub-advisor fees		856,442
Payable to custodian		54,005
Total liabilities		15,447,347
Net Assets	\$	931,396,519

# **Statement of Operations**

For the year ended December 31, 2024

Investment Income (Loss)

investment income (LOSS)	
Income Dividends Total income	\$ 6,555,531 6,555,531
<b>Expenses</b> Trustee and sub-advisor fees Total expenses Net investment income	 2,906,637 2,906,637 3,648,894
Realized and Unrealized Gain / Loss	
Net realized gain (loss) on: Investments Net realized gain	 65,097,909 65,097,909
Change in net unrealized gain / loss on: Investments Change in net unrealized gain / loss Net realized and unrealized gain / loss	 50,220,895 50,220,895 115,318,804
Increase in net assets from operations	\$ 118,967,698

## Pioneer Large Cap Growth Portfolio

Statement of Changes in Net Assets For the year ended December 31, 2024	
Increase (Decrease) in Net Assets	
Operations	
Net investment income	\$ 3,648,894
Net realized gain	65,097,909
Change in net unrealized gain / loss	 50,220,895
Increase in net assets from operations	 118,967,698
Unit transactions	
Proceeds from units issued	
Class R	13,113,446
Class R1	429,831,243
Total proceeds from units issued	 442,944,689
Value of units redeemed	
Class R	(17,597,071)
Class R1	(192,494,747)
Total value of units redeemed	 (210,091,818)
Increase in net assets resulting from unit transactions	 232,852,871
Increase in net assets	351,820,569
Net assets, beginning of year	579,575,950
Net assets, end of year	\$ 931,396,519

## Pioneer Large Cap Growth Portfolio

### Financial Highlights For the year ended December 31, 2024

Per Unit Operating Performance		Class R1			
Net asset value, beginning of year	\$	29.8200	\$	29.2100	
Investment operations:					
Net investment income <sup>(1)</sup>		0.2429		0.1421	
Net realized and unrealized gain / loss <sup>(1)</sup>		5.3002		5.1750	
Total from investment operations		5.5431		5.3171	
Net asset value, end of year	\$	35.3631	\$	34.5271	
Total Return		18.59%		18.20%	
Supplemental Data					
Ratio to average net assets:					
Expenses		0.08%		0.38%	
Net investment income		0.72%		0.43%	
Unit Activity					
Units, beginning of year		1,879,337		17,925,911	
Issued		378,633		13,054,484	
Redeemed		(521,068)		(5,783,574)	
Units, end of year		1,736,902		25,196,821	

<sup>(1)</sup> Based on average units outstanding.

## Pioneer Large Cap Value Portfolio

### Schedule of Investments December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 95.2%			
Communications - 6.2%			
Comcast Corporation Class A	8,787	\$ 366,852	\$ 329,77
Verizon Communications, Inc.	10,412	422,878	416,37
Walt Disney Co./The	7,433	695,669	827,66
Total Communications		1,485,399	1,573,81
Consumer Discretionary - 7.2%			
eBay, Inc.	9,072	406,040	562,01
Ford Motor Co.	24,570	274,383	243,24
Genuine Parts Co.	2,158	269,733	251,96
Starbucks Corporation	3,859	314,766	352,13
TJX Cos., Inc./The	3,657	351,780	441,80
Total Consumer Discretionary		1,616,702	1,851,15
Consumer Staples - 8.7%			
Hershey Co./The	2,113	406,058	357,83
John B. Sanfilippo & Son, Inc.	1,916	171,754	166,90
Kimberly-Clark Corporation	2,966	379,590	388,66
Molson Coors Beverage Co. Class B	2,837	157,531	162,61
PepsiCo, Inc.	1,932	326,495	293,78
Target Corporation	4,795	629,555	648,18
The Campbell's Company	4,632	199,534	193,98
Total Consumer Staples		2,270,517	2,211,97
Energy - 9.8%			
ConocoPhillips	5,398	617,423	535,32
Coterra Energy, Inc.	31,030	802,016	792,50
Exxon Mobil Corporation	9,783	1,020,423	1,052,35
Halliburton Co.	4,194	134,486	114,03
Total Energy		2,574,348	2,494,21
Financials - 27.9%			
American International Group, Inc.	9,391	640,382	683,66
Bank of America Corporation	17,808	594,408	782,66
Comerica, Inc.	1,956	129,803	120,97
Corebridge Financial, Inc.	4,206	133,954	125,88
JPMorgan Chase & Co.	2,707	431,580	648,89
Morgan Stanley	5,059	445,358	636,01
Northern Trust Corporation	6,012	456,571	616,23
Prudential Financial, Inc.	1,420	174,132	168,31

## Pioneer Large Cap Value Portfolio

### Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 95.2% (continued)			
Financials - 27.9% (continued)			
Raymond James Financial, Inc.	4,016	\$ 462,141	\$ 623,805
Regions Financial Corporation	10,897	211,531	256,297
State Street Corporation	7,908	599,462	776,170
T. Rowe Price Group, Inc.	1,115	137,018	126,095
Truist Financial Corporation	11,186	417,726	485,249
Wells Fargo & Co.	15,339	 705,523	1,077,411
Total Financials		 5,539,589	7,127,673
Health Care - 10.6%			
Bristol-Myers Squibb Co.	8,772	394,742	496,144
Cigna Group/The	429	136,492	118,464
Johnson & Johnson	5,328	823,479	770,535
Medtronic PLC	6,763	552,359	540,229
Quest Diagnostics, Inc.	1,617	220,875	243,941
Sanofi S.A.	11,065	553,433	533,665
Total Health Care		 2,681,380	2,702,978
Industrials - 12.2%			
3M Co.	4,997	549,391	645,063
Deere & Co.	590	227,394	249,983
PACCAR, Inc.	2,287	245,212	237,894
Rockwell Automation, Inc.	2,217	609,070	633,596
Union Pacific Corporation	1,889	442,788	430,767
United Parcel Service, Inc. Class B	7,356	 1,040,938	927,592
Total Industrials		 3,114,793	3,124,895
Materials - 2.0%			
LyondellBasell Industries N.V. Class A	6,859	642,502	509,418
Total Materials		 642,502	509,418
Technology - 6.7%			
Cisco Systems, Inc.	11,535	569,038	682,872
International Business Machines Corporation	3,680	634,757	808,974
Microchip Technology, Inc.	4,016	294,492	230,318
Total Technology		 1,498,287	1,722,164
Utilities - 3.9%			
CMS Energy Corporation	6,436	374,278	428,960

### Pioneer Large Cap Value Portfolio

Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 95.2% (continued)			
Utilities - 3.9% (continued)			
Eversource Energy	10,121	\$ 614,371	\$ 581,249
Total Utilities		988,649	1,010,209
Total Common Stocks		22,412,166	24,328,506
Real Estate Investment Trusts - 2.3%			
Real Estate - 2.3%			
Camden Property Trust	2,319	260,182	269,097
Host Hotels & Resorts, Inc.	11,059	202,959	193,753
Prologis, Inc.	1,140	131,582	120,498
Total Real Estate		594,723	583,348
Total Real Estate Investment Trusts		594,723	583,348
Money Market Trusts - 1.9%			
NT Collective Government Short Term Investment Fund	483,847	483,847	483,847
Total Money Market Trusts	-	483,847	483,847
Total Investments - 99.4%		\$ 23,490,736	25,395,701
Other Assets and Liabilities, Net - 0.6%			158,994
Net Assets - 100.0%			\$ 25,554,695

### ^ American Depositary Receipt

The following is a summary of the fair value of the investments in the Fund based on the inputs used to value them as of December 31, 2024 (see Note 3 in Notes to the Financial Statements):

	 Fair Value Measurements										
	Level 1		Level 2			Level 3		Mea	stments sured at sset Value		Total
Common Stocks	\$ 24,328,506	\$		-	\$		-	\$	-	\$	24,328,506
Real Estate Investment Trusts	583,348			-			-		-		583,348
Money Market Trusts	-			-			-		483,847		483,847
Total	\$ 24,911,854	\$		-	\$		-	\$	483,847	\$	25,395,701

**Concentration of Ownership:** As of December 31, 2024, the Fund had one unitholder holding 10% or more of the outstanding units of the Fund, and aggregated to 75.6% of the Fund's total units outstanding.

## Pioneer Large Cap Value Portfolio

Schedule of Investments (continued) December 31, 2024

Supplementary Information (Unaudited): Total investment purchases, sales proceeds, and realized gain for the year ended December 31, 2024, were:

	Purchases at Cost			Sales Proceeds	Realized Gain			
Equity	\$	25,163,285	\$	39,170,006	\$	4,084,612		
Money Market		13,421,405		13,746,861		-		
Total	\$	38,584,690	\$	52,916,867	\$	4,084,612		

## Pioneer Large Cap Value Portfolio

Statement of Assets and Liabilities December 31, 2024	
Assets	
Investments in securities, at fair value (cost \$23,490,736)	\$ 25,395,701
Receivable for investment securities sold	145,038
Dividends receivable	39,653
Foreign tax reclaim receivable	12,456
Receivable for fund units sold	 2,644
Total assets	 25,595,492
Liabilities	
Payable to custodian	29,084
Accrued trustee and sub-advisor fees	9,365
Payable for fund units redeemed	2,348
Total liabilities	 40,797
Net Assets	\$ 25,554,695

### Statement of Operations For the year ended December 31, 2024

Investment Income (Loss)	
<b>Income</b> Dividends (net of withholding taxes of \$10,002) Total income	<u>\$ 1,012,028</u> 1,012,028
<b>Expenses</b> Trustee and sub-advisor fees Total expenses Net investment income	56,220 56,220 955,808
Realized and Unrealized Gain / Loss	
Net realized gain (loss) on: Investments Net realized gain	4,084,612
Change in net unrealized gain / loss on: Investments Change in net unrealized gain / loss Net realized and unrealized gain / loss	(1,123,385) (1,123,385) 2,961,227
Increase in net assets from operations	\$3,917,035

## Pioneer Large Cap Value Portfolio

Statement of Changes in Net Assets For the year ended December 31, 2024	
Increase (Decrease) in Net Assets	
Operations	
Net investment income	\$ 955,808
Net realized gain	4,084,612
Change in net unrealized gain / loss	 (1,123,385)
Increase in net assets from operations	 3,917,035
Unit transactions	
Proceeds from units issued	
Class R	1,693,893
Class R1	3,003,534
Total proceeds from units issued	 4,697,427
Value of units redeemed	
Class R	(6,036,914)
Class R1	(14,107,084)
Total value of units redeemed	 (20,143,998)
Decrease in net assets resulting from unit transactions	 (15,446,571)
Decrease in net assets	(11,529,536)
Net assets, beginning of year	 37,084,231
Net assets, end of year	\$ 25,554,695

## Pioneer Large Cap Value Portfolio

### Financial Highlights For the year ended December 31, 2024

Per Unit Operating Performance	 Class R	Class R1		
Net asset value, beginning of year	\$ 15.1800	\$	15.0200	
Investment operations:				
Net investment income <sup>(1)</sup>	0.4891		0.4414	
Net realized and unrealized gain / loss <sup>(1)</sup>	1.4498		1.4299	
Total from investment operations	1.9389		1.8713	
Net asset value, end of year	\$ 17.1189	\$	16.8913	
Total Return	12.77%		12.46%	
Supplemental Data				
Ratio to average net assets:				
Expenses	0.08%		0.33%	
Net investment income	3.01%		2.78%	
Unit Activity				
Units, beginning of year	1,399,020		1,054,672	
Issued	104,793		185,085	
Redeemed	(375,698)		(870,182)	
Units, end of year	1,128,115		369,575	

<sup>(1)</sup> Based on average units outstanding.

## Pioneer Select Mid Cap Growth Portfolio

### Schedule of Investments December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 95.0%			
Communications - 8.5%			
AppLovin Corporation Class A	3	\$ 840	\$ 972
Pinterest, Inc. Class A	10	306	290
Spotify Technology S.A.	1	382	447
Trade Desk, Inc./The Class A	6	706	705
Total Communications		2,234	2,414
Consumer Discretionary - 11.2%			
Builders FirstSource, Inc.	2	389	286
Chipotle Mexican Grill, Inc.	7	416	422
DraftKings, Inc. Class A	8	294	298
Genius Sports Ltd.	19	154	164
KinderCare Learning Cos., Inc.	4	114	71
On Holding AG Class A	3	149	164
Ross Stores, Inc.	2	294	303
Skechers USA, Inc. Class A	4	249	269
Sweetgreen, Inc. Class A	5	179	160
Tractor Supply Co.	5	293	265
Ulta Beauty, Inc.	1	378	435
Viking Holdings Ltd.	8	330	353
Total Consumer Discretionary		3,239	3,190
Energy - 3.6%			
Antero Resources Corporation	9	264	316
Comstock Resources, Inc.	19	293	346
Williams Cos, Inc./The	7	388	379
Total Energy		945	1,041
Financials - 11.9%			
Affirm Holdings, Inc.	6	358	365
Evercore, Inc. Class A	1	292	277
Marex Group PLC	10	283	312
MSCI, Inc.	1	567	600
Robinhood Markets, Inc. Class A	15	496	559
State Street Corporation	2	197	196
Tradeweb Markets, Inc. Class A	4	536	524
Verisk Analytics, Inc.	2	538	551
Total Financials			

### Pioneer Select Mid Cap Growth Portfolio

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 95.0% (continued)			
Health Care - 12.3%			
Agilent Technologies, Inc.	2	\$ 284	\$ 269
Alnylam Pharmaceuticals, Inc.	1	290	235
Edgewise Therapeutics, Inc.	4	142	107
Inspire Medical Systems, Inc.	1	211	185
Insulet Corporation	1	234	261
McKesson Corporation	1	526	570
Natera, Inc.	4	478	633
Oscar Health, Inc. Class A	7	121	94
Penumbra, Inc.	1	205	238
Repligen Corporation	1	152	144
ResMed, Inc.	2	483	457
Vaxcyte, Inc.	4	461	328
Total Health Care		 3,587	3,521
Industrials - 12.9%			
Amphenol Corporation Class A	4	269	278
ArcBest Corporation	2	213	187
Axon Enterprise, Inc.	1	431	594
Siemens Energy AG	4	163	209
TFI International, Inc.	2	294	270
Thomson Reuters Corporation	2	338	321
TopBuild Corporation	1	397	311
Vertiv Holdings Co. Class A	4	451	454
WW Grainger, Inc.	1	1,039	1,054
Total Industrials		 3,595	3,678
Materials - 4.2%			
CRH PLC	4	373	370
Ranpak Holdings Corporation	6	36	41
Sherwin-Williams Co./The	1	380	340
Simpson Manufacturing Co., Inc.	1	192	166
Trex Co., Inc.	4	269	276
Total Materials		 1,250	1,193
Technology - 29.4%			
Advanced Micro Devices, Inc.	3	455	362
Arista Networks, Inc.	2	192	221
ASM International N.V.	1	645	579
BE Semiconductor Industries N.V.	2	253	274

### Pioneer Select Mid Cap Growth Portfolio

### Schedule of Investments (continued) December 31, 2024

	Principal Amount or Shares	Cost	Fair Value
Common Stocks - 95.0% (continued)			
Technology - 29.4% (continued)			
Booz Allen Hamilton Holding Corporation	1	\$ 163	\$ 129
Cirrus Logic, Inc.	1	123	100
Cloudflare, Inc. Class A	5	471	538
Credo Technology Group Holding Ltd.	5	224	336
CyberArk Software Ltd.	1	275	333
Datadog, Inc. Class A	5	645	714
Flex Ltd.	9	330	346
HubSpot, Inc.	1	520	697
Monday.com Ltd.	1	297	235
MongoDB, Inc.	1	267	233
Motorola Solutions, Inc.	1	448	462
Onto Innovation, Inc.	1	173	167
Palantir Technologies, Inc. Class A	8	471	605
Procore Technologies, Inc.	4	253	300
Samsara, Inc. Class A	6	285	262
Super Micro Computer, Inc.	8	269	244
Synopsys, Inc.	1	502	485
Veeva Systems, Inc. Class A	2	455	420
Western Digital Corporation	- 6	416	358
Total Technology		8,132	8,400
Utilities - 1.0%			
NRG Energy, Inc.	3	277	271
Total Utilities		277	271
Total Common Stocks	_	26,526	27,092
Real Estate Investment Trusts - 1.1%			
Real Estate - 1.1%			
Iron Mountain, Inc.	3 _	372	315
Total Real Estate	_	372	315
Total Real Estate Investment Trusts	_	372	315
Money Market Trusts - 2.2%			
NT Collective Government Short Term Investment Fund	627	627	627
Total Money Market Trusts	_	627	627
Total Investments - 98.3%	=	\$ 27,525	28,034
Other Assets and Liabilities, Net - 1.7%		-	490
Net Assets - 100.0%		=	\$ 28,524

### Pioneer Select Mid Cap Growth Portfolio

Schedule of Investments (continued) December 31, 2024

The following is a summary of the fair value of the investments in the Fund based on the inputs used to value them as of December 31, 2024 (see Note 3 in Notes to the Financial Statements):

		Fair Value Measurements								
	L	.evel 1		Level 2			Level 3	Ν	nvestments /leasured at : Asset Value*	Total
Common Stocks	\$	27,092	\$		-	\$	-	\$	-	\$ 27,092
Real Estate Investment Trusts		315			-		-		-	315
Money Market Trusts		-			-		-		627	627
Total	\$	27,407	\$		-	\$	-	\$	627	\$ 28,034

\*Certain investments that are measured at fair value using the net asset value per share (or its equivalent) as a practical expedient have not been categorized in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the Statement of Assets and Liabilities.

**Concentration of Ownership:** As of December 31, 2024, the Fund had one unitholder holding 10% or more of the outstanding units of the Fund, and aggregated to 100.0% of the Fund's total units outstanding.

Supplementary Information (Unaudited): Total investment purchases, sales proceeds, and realized gain for the year ended December 31, 2024, were:

	P	Purchases at Cost	Sales Proceeds		Realized Gain		
Equity	\$	5,955,335	\$	41,055,675	\$	8,233,172	
Money Market		1,955,785		2,170,858		-	
Total	\$	7,911,120	\$	43,226,533	\$	8,233,172	
Total	\$	7,911,120	\$	43,226,533	\$	8,233,1	

## Pioneer Select Mid Cap Growth Portfolio

Statement of Assets and Liabilities December 31, 2024	
Assets	
Investments in securities, at fair value (cost \$27,525)	\$ 28,034
Receivable for investment securities sold	2,410
Foreign tax reclaim receivable	949
Dividends receivable	8
Total assets	 31,401
Liabilities	
Payable for investment securities purchased	2,652
Accrued trustee and sub-advisor fees	117
Accrued professional services and other operating expenses	108
Total liabilities	 2,877
Net Assets	\$ 28,524

## Statement of Operations

For the year ended December 31, 2024

Investment Income (Loss)	
<b>Income</b> Dividends (net of withholding taxes of \$10,173) Total income	\$ <u>30,166</u> 30,166
<b>Expenses</b> Trustee and sub-advisor fees Professional services and other operating expenses Total expenses Net investment income	 10,635 216 10,851 19,315
Realized and Unrealized Gain / Loss	
Net realized gain (loss) on: Investments Foreign currency transactions Net realized gain	 8,233,172 (197) 8,232,975
Change in net unrealized gain / loss on: Investments Translation of assets and liabilities in foreign currencies Change in net unrealized gain / loss Net realized and unrealized gain / loss	 (6,076,476) (223) (6,076,699) 2,156,276
Increase in net assets from operations	\$ 2,175,591

# Great Gray Collective Investment Trust Funds Sub-Advised by Amundi Asset Management US, Inc.

# Pioneer Select Mid Cap Growth Portfolio

Statement of Changes in Net Assets For the year ended December 31, 202	
Increase (Decrease) in Net Assets	
Operations	
Net investment income	\$ 19,315
Net realized gain	8,232,975
Change in net unrealized gain / loss	 (6,076,699)
Increase in net assets from operations	 2,175,591
Unit transactions	
Proceeds from units issued	
Class R1	40,057
Value of units redeemed	
Class R <sup>^</sup>	(34,572,131)
Class R1	(941,590)
Total value of units redeemed	(35,513,721)
Decrease in net assets resulting from unit transactions	(35,473,664)
Decrease in net assets	(33,298,073)
Net assets, beginning of year	 33,326,597
Net assets, end of year	\$ 28,524

^ All Class R units were redeemed on 4/24/2024. The fee class remains available for sale.

The accompanying notes are an integral part of these financial statements.

# Great Gray Collective Investment Trust Funds Sub-Advised by Amundi Asset Management US, Inc.

#### Pioneer Select Mid Cap Growth Portfolio

#### Financial Highlights For the year ended December 31, 2024

Per Unit Operating Performance	(	Class R	Class R1	
Net asset value, beginning of year	\$	15.5500	\$	15.3400
Investment operations: Net investment income <sup>(1)</sup> Net realized and unrealized gain / loss <sup>(1)</sup>		0.0089 0.9754		0.0250 2.9129
Total from investment operations		0.9843		2.9379
Net asset value, end of year	\$	16.5343 <sup>«</sup>	\$	18.2779
Total Return		6.33%	19.15%	
Supplemental Data Ratio to average net assets: Expenses Net investment income		0.08% <sup>‡</sup> 0.17% <sup>‡</sup>		0.38% <sup>(2)</sup> 0.17%
Unit Activity Units, beginning of year Issued Redeemed Units, end of year		2,090,929 _ (2,090,929) _		52,759 2,379 (53,578) 1,560

<sup>(1)</sup> Based on average units outstanding.

<sup>(2)</sup> Low assets resulted in an expense ratio that differs from the fees disclosed in Note 4.

« All Class R units were redeemed on 4/24/2024. The fee class remains available for sale. The net asset value is as of the redemption date of 4/24/2024.

^ Not annualized for periods less than one year.

# Annualized except audit expense.

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements

# December 31, 2024

# Note 1 – Organization

Great Gray Collective Investment Trust (the "Trust") is intended to constitute an exempt trust under Section 501(a) of the Internal Revenue Code of 1986, as amended (the "Code"), and a group trust within the meaning of Rev. Rul. 81-100, as amended. The Trust is exempt from registration under the Investment Company Act of 1940, as amended, and the Securities Act of 1933, as amended. Great Gray Trust Company, LLC (the "Trustee") serves as the Trustee of the Trust.

The Trustee is responsible for maintaining and administering the Trust and its various funds (the "Funds" – see Fund Index) and also serves as the investment manager to the Funds. The Northern Trust Company provides custody, transfer agency, and accounting services for the Funds.

The Trustee is ultimately controlled by Madison Dearborn Partners, LLC ("MDP"), a registered investment adviser and private equity firm based in Chicago, IL. MDP and its controlled subsidiaries are the general partners to the investment funds that own substantially all of the Trustee through intermediate holding companies.

The purpose of the Trust is to allow collective investments by plan sponsors of retirement plans which qualify for exemption from federal income taxation pursuant to Section 501(a) of the Code, by reason of qualifying under Section 401(a) of the Code; tax-exempt governmental plans described in Section 401(a)(24) of the Code; eligible deferred compensation plans under Section 457(b) of the Code established by a government employer; group trusts or separate accounts consisting solely of assets of the foregoing; and other investors eligible for participation in the Trust. The Trust consists of separate funds with differing investment objectives, which are available for investment by participating plans. An eligible plan may join the Trust, subject to the Trustee's acceptance, and become a participating plan by executing participation documents specified by the Trustee. Not all funds within the Trust are presented herein. The Trustee has claimed an exclusion from the definition of commodity pool operator ("CPO") under the Commodity Exchange Act and the rules of the Commodity Futures Trading Commission ("CFTC") with respect to the Funds, and is therefore not subject to CFTC registration or regulation as a CPO with respect to the Funds.

The Trustee has engaged Amundi Asset Management US, Inc. (the "Sub-Advisor") to provide investment advice and recommendations with respect to investment of the Funds' assets. The Trustee maintains ultimate fiduciary authority over the management of and investments made in each Fund. The Sub-Advisor is engaged pursuant to a sub-advisor agreement.

### Note 2 – Significant Accounting Policies

The accompanying financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP"). The Funds are investment companies and follow the accounting and reporting guidance in Financial Accounting Standards Board Accounting Standards Codification Topic No. 946.

**Net Asset Value ("NAV")** – Units of each fee class of each Fund are valued each day on which the New York Stock Exchange ("NYSE") is open for trading in accordance with the valuation procedures established by the Trustee. The NAV per unit is calculated as of the close of trading on the NYSE (generally, 4:00 p.m. U.S. Eastern time). The NAV per

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements (continued)

### December 31, 2024

unit is computed by dividing the total fair value of the assets of each Fund, less its liabilities, by the total number of units outstanding at the time of such computation. Investment income earned is reinvested in each Fund and included in the determination of unit values.

**Fund Unit Transactions** – The Funds sell new units and repurchase outstanding units on a daily basis. Unit purchases and redemptions are transacted at the NAV per fee class of the Funds determined as of the close of business each day. A summary of the unit activity for each Fund is included with its Financial Highlights.

The Funds require a plan to provide advance written notice of five business days for plan directed withdrawals which will exceed \$1 million of the assets invested in each Fund.

Investment Valuation – Investments are valued at their current fair value determined as follows:

**Collateralized Mortgage Obligations** – The Funds may invest in collateralized mortgage obligations ("CMOs") and real estate mortgage investment conduits ("REMICs"). A CMO is a bond that is collateralized by a pool of mortgage-backed securities ("MBS"), and a REMIC is similar in form to a CMO. These MBS pools are divided into classes or tranches with each class having its own characteristics. The different classes are retired in sequence as the underlying mortgages are repaid. For instance, a planned amortization class ("PAC") is a specific class of mortgages, which over its life will generally have the most stable cash flows and the lowest prepayment risk. A graduated payment mortgage ("GPM") is a negative amortization mortgage where the payment amount gradually increases over the life of the mortgage. The early payment amounts are not sufficient to cover the interest due, and, therefore, the unpaid interest is added to the principal, thus increasing the borrower's mortgage balance. Prepayment may shorten the stated maturity of the CMO and can result in a loss of premium if any has been paid.

**Fixed Income Securities** – The fair value of fixed income securities is estimated using various techniques, which may consider recently executed transactions in securities of the issuer or comparable issuers, market price quotations (when observable), and other industry recognized techniques. Although most fixed income securities are categorized in level 2 of the fair value hierarchy, in instances when lower relative weight is placed on transaction prices, quotations, or other similar observable inputs, they are categorized in level 3.

**Futures Contracts** – The Funds may purchase futures contracts to gain exposure to market changes, which may be more efficient or cost effective than actually buying the securities. The Funds utilize futures contracts for tactical hedging purposes as well as to enhance the Funds' returns. Upon entering into such a contract, the Funds are required to deposit and maintain as collateral such initial margin as required by the exchange on which the contract is held. The contracts are marked to market daily and the resulting changes in value are accounted for as unrealized gains and losses. Variation margin payments are paid or received, depending upon whether unrealized losses or gains are incurred. When the contract is closed, the Funds record a realized gain or loss equal to the difference between the proceeds from (or cost of) the closing transaction and the amount invested in the contract. Net realized and unrealized gains or losses occurring during the holding period of futures are found on the Statement of Operations as a component of net realized gain (loss) on futures contracts and as a component of net change in unrealized gain / loss on futures contracts.

Risks of entering into futures contracts include the possibility that there will be an imperfect price correlation between the futures and the underlying securities. Second, it is possible that a lack of liquidity for futures contracts could exist in the secondary market, resulting in an inability to close a position prior to its maturity date. Third, the

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements (continued)

### December 31, 2024

futures contract involves the risk that the Funds could lose more than the original margin deposit required to initiate a futures transaction. Finally, the risk exists that losses could exceed amounts disclosed on the Statement of Assets and Liabilities.

**Money Market Trusts** – Investments in money market trusts are valued using the net asset value per share (or its equivalent) as a practical expedient in accordance with the specialized accounting guidance for investment companies.

**Mortgage-Backed Securities and Asset-Backed Securities** – The Funds may invest in MBS, representing interests in pools of mortgage loans. These securities provide investors with payments consisting of both principal and interest as the mortgages in the underlying mortgage pools are paid. Most of the securities are guaranteed by federally sponsored agencies (Government National Mortgage Association ("GNMA"), Federal National Mortgage Association ("FNMA"), or Federal Home Loan Mortgage Corporation ("FLMC")), but are not issued or guaranteed by the U.S. Treasury. However, some securities may be issued by private, non-government corporations. MBS issued by private entities are not government securities and are not directly guaranteed by any government agency but are secured by the underlying collateral of the private issuer. Yields on privately issued MBS tend to be higher than those of government-backed issues; however, risk of loss due to default and sensitivity to interest rate fluctuations is also higher.

The Funds may also invest in asset-backed securities, representing interests in pools of certain types of underlying installment loans or leases or revolving lines of credit. They often include credit enhancements that help limit investors' exposure to the underlying credit. These securities are valued on the basis of the timing and certainty of the cash flows compared to investments with similar durations.

**Mutual Funds** – Investments in open-end mutual funds are valued at the daily closing net asset value of the respective fund.

**Securities** – Securities, other than bonds, listed on a securities exchange, market or automated quotation system for which quotations are readily available are valued at the closing price on the primary exchange or market on which they are traded on the day of valuation or, if there is no such reported sale on the valuation date, at the most recent bid quotation on the principal exchange. If a market price is not readily available or if such price is deemed unreliable, it will be valued at fair value in accordance with valuation procedures established by the Trustee. The Trustee's determination of fair value involves consideration of a number of subjective factors, and therefore, no single standard for determining fair value will apply.

**Swap Agreements** – The Funds may invest in swap agreements. Swap agreements are bilaterally negotiated agreements between a fund and a counterparty to exchange or swap investment cash flows, assets, foreign currencies or market-linked returns at specified, future intervals. Swap agreements may be privately negotiated in the over the counter ("OTC") market or may be cleared through a third party, known as a central counterparty or derivatives clearing organization ("Centrally Cleared Swaps"). Each Fund may enter into asset, credit default, cross-currency, interest rate, total return, variance and other forms of swap agreements to manage its exposure to credit, currency, interest rate, commodity, equity and inflation risk. In connection with these agreements, securities or cash may be identified as collateral or margin in accordance with the terms of the respective swap agreements to provide assets of value and recourse in the event of default or bankruptcy/insolvency.

#### Funds Sub-Advised by Amundi Asset Management US, Inc.

#### Notes to the Financial Statements (continued)

#### December 31, 2024

Centrally Cleared Swaps are marked to market daily based upon valuations as determined from the underlying contract or in accordance with the requirements of the central counterparty or derivatives clearing organization. Changes in market value, if any, are reflected as a component of net change in unrealized gain / loss on the Statement of Operations. Daily changes in valuation of centrally cleared swaps ("Swap Variation Margin"), if any, are disclosed within centrally cleared financial derivative instruments on the Statement of Assets and Liabilities. OTC swap payments received or paid at the beginning of the measurement period are included on the Statement of Assets and Liabilities and represent premiums paid or received upon entering into the swap agreement to compensate for differences between the stated terms of the swap agreement and prevailing market conditions (credit spreads, currency exchange rates, interest rates, and other relevant factors). Upfront premiums received (paid) are initially recorded as liabilities (assets) and subsequently marked to market to reflect the current value of the swap. These upfront premiums are recorded as realized gain (loss) on the Statement of Operations upon termination or maturity of the swap. A liquidation payment received or made at the termination of the swap is recorded as realized gain (loss) on the Statement of Operations. Net periodic payments received or paid by the Funds are included as part of the realized gain (loss) on the Statement of Operations.

Entering into swap agreements involves, to varying degrees, elements of interest, credit, market and documentation risk in excess of the amounts recognized on the Statement of Assets and Liabilities. Such risks involve the possibility that there will be no liquid market for these agreements, that the counterparty to the agreements may default on its obligation to perform or disagree as to the meaning of contractual terms in the agreements and that there may be unfavorable changes in interest rates.

Each Fund's maximum risk of loss from counterparty credit risk is the discounted net value of the cash flows to be received from the counterparty over the contract's remaining life, to the extent that the amount is positive. The risk may be mitigated by having a master netting agreement between the Funds and the counterparty and by the posting of collateral to the Fund to cover the Funds' exposure to the counterparty.

**TBA Sales Commitments** – TBA commitments are forward agreements for the purchase or sale of securities, including mortgage-backed securities for a fixed price, with payment and delivery on an agreed upon future settlement date. The specific securities to be delivered are not identified at the trade date. However, delivered securities must meet specified terms, including issuer, rate and mortgage terms. When entering into TBA commitments, an account may take possession of or deliver the underlying mortgage-backed securities but can extend the settlement or roll the transaction. TBA commitments involve a risk of loss if the value of the security to be purchased or sold declines or increases, respectively, prior to settlement date, if there are expenses or delays in connection with the TBA transactions, or if the counterparty fails to complete the transaction.

When the valuation method described above is not reflective of fair value, investments are valued at fair value following procedures and/or guidelines determined by or under the direction of the valuation committee established by the Trustee. In light of the judgment involved in fair value decisions, there can be no assurance that a fair value assigned to a particular investment is accurate.

**Cash and Cash Equivalents** – The Funds consider all highly liquid instruments with original maturities of three months or less at the acquisition date to be cash equivalents.

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements (continued)

December 31, 2024

**Foreign Currency Translation** – The accounting records of the Funds are maintained in U.S. dollars. Investment securities and other assets and liabilities denominated in foreign currencies are translated daily into U.S. dollars using foreign currency exchange rates determined as of the close of regular trading on the NYSE. Purchases and sales of Fund securities, commitments under forward foreign currency contracts and income receipts are translated at the prevailing exchange rate as of the date of each transaction. Realized and unrealized gain or loss on the translation of foreign currency denominated investments is included as a component of net realized and unrealized gain or loss on investments in the Statements of Operations. Realized gain or loss on foreign currency transactions may include gains and losses from sales and maturities of foreign currency exchange contracts, gains and losses realized between the trade and settlement dates of foreign security transactions or the difference between the amount of net investment income accrued on foreign securities and the U.S. dollar amount actually received. Unrealized gain or loss on foreign currency transactions include gains and losses due to changes in the value of assets and liabilities, other than fund securities, resulting from changes in exchange rates.

**Investment Transactions and Investment Income** – The Funds record security transactions on a trade date basis. Dividend income and realized capital gains distributions from Underlying Funds are recorded on the ex-dividend date. Net realized gains and losses on investments are determined by the first-in, first-out method. Interest income and expenses are recorded daily on the accrual basis.

**Fee Classes and Allocations** – The Funds may offer multiple fee classes. Not all fee classes are available for investment by all plans. Each class is allocated expenses on the basis of expense loads assigned to that class. Income, expenses (other than expenses attributable to a specific class), and realized and unrealized gains or losses on investments are allocated to each fee class based on the units outstanding for the fee class in proportion to the total outstanding units.

**Use of Estimates** – The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

**Guarantees and Indemnifications** – Under the Funds' organizational documents, each trustee, officer, employee and agent of the Trust is indemnified, to the extent permitted by law, against certain liabilities that may arise in the performance of their duties to the Funds.

**Income Tax Status** – The Trust has received a determination from the Internal Revenue Service that the Trust is exempt from federal income taxation under Section 501(a) of the Code. Accordingly, no federal income tax provision is required.

The Fund may be subject to taxes imposed by countries in which it invests as provided by the applicable jurisdiction's taxing authority. Such taxes are generally based on income and/or capital gains earned or repatriated. Taxes are accrued and applied to net investment income, net realized gains and net unrealized appreciation/depreciation as such income and/or gains are earned. The Fund files tax returns as prescribed by the tax laws of the jurisdictions in which it operates. In the normal course of business, the Fund is subject to examination by federal, state and local jurisdictions, where applicable.

Management has analyzed the Fund's tax positions, and has concluded that no liability for unrecognized tax benefits

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements (continued)

### December 31, 2024

should be recorded related to uncertain tax positions taken on tax returns filed for any open tax years (or expected to be taken on future tax returns). Open tax years are those that remain subject to examination and are based on each tax jurisdiction's statute of limitations.

**Tax Reclaims Receivable** – Tax reclaims receivable, if any, are recorded on the ex-dividend date based upon the Trustee's interpretation of country-specific taxation of dividend income, which may be subject to change due to changes in country-specific tax regulations regarding amounts reclaimable or the Trustee's interpretation of country-specific taxation of dividend income and related amounts reclaimable.

**Subsequent Events** – The Trustee has evaluated the effect of subsequent events on the Funds' financial statements through April 30, 2025, which is the date the financial statements were available to be issued, and has determined that there are no material subsequent events, except as noted below, that would require disclosure or adjustment in the Funds' financial statements through this date.

On January 16, 2025, all units in the Pioneer Select Mid Cap Growth Portfolio were redeemed. In connection with the withdrawal, Pioneer Select Mid Cap Growth Portfolio terminated effective January 16, 2025. The redemption of 1,559 units on January 16, 2025, amounted to \$29,757.

Effective April 1, 2025, Victory Capital Holdings, Inc. completed the acquisition of Amundi Asset Management US, Inc. and will assume the role of sub-advisor for the Funds.

### Note 3 – Fair Value Measurements

Fair value is defined as the price a fund would receive to sell an asset or pay to transfer a liability in an orderly transaction between market participants at the measurement date.

Various inputs are used in determining the fair value of the Funds' investments. The Trustee has performed an analysis of the significance and character of these inputs to the fair value determination. These inputs are summarized in the three broad levels listed below:

- Level 1 Quoted prices in active markets for identical investments.
- Level 2 Other significant observable inputs (including quoted prices for similar investments, interest rates, credit risk, and others).
- Level 3 Significant unobservable inputs (including the Trustee's own assumptions in determining the fair value of investments).

The inputs or methodologies used for valuing investments are not necessarily an indication of the risk associated with investing in those investments. The aggregate fair value of the investments in each Fund, by input level used as of December 31, 2024, is included following each Fund's Schedule of Investments.

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements (continued)

# December 31, 2024

#### Note 4 – Fees and Expenses

#### Trustee and Sub-Advisor Fees

Annualized asset-based fees are based upon the net assets as determined at the end of each preceding business day as set forth in the table below (in basis points). Except as otherwise noted, all asset-based fees are paid from the assets of the Funds.

Fund	Trustee Fee	Sub-Advisor Fee				
Pioneer Balanced Sustainable Trust						
Class 0TS	0	0				
Class R1	8	26				
Pioneer Bond Fund Trust						
Class MSG	7	14				
Class R	8	0				
Class R1	8	15				
Pioneer Emerging Markets Equity Focus Portfolio						
Class R	8	0				
Class GS	8	40				
Pioneer International Equity Portfolio						
Class R1	8	50				
Pioneer Large Cap Growth Portfolio						
Class R	8	0				
Class R1	8	30				
Pioneer Large Cap Value Portfolio						
Class R	8	0				
Class R1	8	25				
Pioneer Select Mid Cap Growth Portfolio	)					
Class R	8	0				
Class R1	8	32				

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements (continued)

#### December 31, 2024

**Trustee Fee** – The Trustee receives an annualized fee for trustee and administrative services provided to each Fund. Trustee fees are based upon the average daily value of each Fund and are accrued daily, paid quarterly in arrears and charged against the assets invested in each Fund.

**Sub-Advisor Fee** – The Sub-Advisor is compensated for its investment advisory services provided to each Fund. These annualized fees are based upon the average daily value of each Fund and are accrued daily, paid quarterly in arrears and charged against the assets invested in each Fund.

**Operating Expenses** – In addition to the fees described above, each Fund bears expenses related to its operations, including, but not limited to, audit, custody, tax and legal services. Transaction fees and expenses incurred in connection with the investment and reinvestment of Fund assets, including, without limitation, brokerage commission and other expenses, are also charged against each Fund.

When assets of each Fund are invested in other investment vehicles, such as other Collective Funds or Exchange-Traded Funds, those investment vehicles will incur fees and expenses, which will be reflected in the performance results and value of each Fund's investment in such investment vehicle. For the Pioneer Balanced Sustainable Trust, the Sub-Advisor has agreed to reimburse the total expenses of the Pioneer Balanced ESG Fund Class K, the underlying fund. This reimbursement is accrued daily and received quarterly in arrears. Such reimbursement for the year ended December 31, 2024, is included in the Statement of Operations as contributions from Sub-Advisor for acquired fund fees and expenses.

#### Note 5 – Derivative Transactions

The following is a summary of the fair valuations of the Fund's derivative instruments on the Statement of Assets and Liabilities as of December 31, 2024, and the effect of derivative instruments on the Statement of Operations for the year ended December 31, 2024:

### **Pioneer Bond Fund Trust**

Assets			Interest Rate Contracts	Total
Futures		\$	21,156	\$ 21,156 *
	Interest			
	Rate		Credit	
Liabilities	Contracts		Contracts	Total
Centrally Cleared Credit Default Swaps	\$	- \$	(1,484,441)	\$ (1,484,441) *
Futures	(2,114,085	)	-	(2,114,085) *
	\$ (2,114,085	) \$	(1,484,441)	\$ (3,598,526)

\* This amount reflects the cumulative gain/(loss) of futures contracts and centrally cleared swaps as reported in the Schedule of Investments. Only the variation margin receivable/payable at year end is separately reported within the Statement of Assets and Liabilities. Prior variation margin movements were recorded to cash upon receipt or payment.

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements (continued)

#### December 31, 2024

Realized Gain (Loss) on:	Interest Rate Contracts	Credit Contracts	Total
Futures	\$ (4,356,077)	\$ -	\$ (4,356,077)
Swaps	-	(633,600)	(633,600)
	\$ (4,356,077)	\$ (633,600)	\$ (4,989,677)
	Interest		
Net Change in Unrealized	Rate	Credit	
Gain / Loss on:	Contracts	Contracts	Total
Futures	\$ (4,735,055)	\$ -	\$ (4,735,055)
Swaps	-	(393,575)	(393,575)
	\$ (4,735,055)	\$ (393,575)	\$ (5,128,630)

Information about derivatives reflected as of the date of this report is generally indicative of the year's activity ended December 31, 2024. For the year ended December 31, 2024, the Funds' average volume of derivative activities is as follows:

#### Pioneer Bond Fund Trust

Futures:	
Average notional value of buy contracts	\$ 265,977,055
Average notional value of sell contracts	\$ 26,059,212
Centrally Cleared Credit Default Swaps:	
Average notional value of buy contracts	\$ 19,486,658

#### Note 6 – Related Party Transactions

The Trustee is a Nevada-chartered non-depository trust company that provides trust and custodial services for tax-advantaged retirement plans as well as trust and investment services to business pension and retirement plans. The Trustee is responsible for managing the Trust's investment and business affairs.

#### Note 7 – In-Kind Redemptions

During the year ended December 31, 2024, the Pioneer Select Mid Cap Growth Portfolio redeemed (redemption in-kind) securities and cash in exchange for the redemption of units. The securities were exchanged at their current fair value of \$34,278,029, with realized gain on in-kind redemptions of \$7,519,654.

# Funds Sub-Advised by Amundi Asset Management US, Inc.

# Notes to the Financial Statements (continued)

# December 31, 2024

# Note 8 - Risks Associated with Investing in the Funds

In the normal course of business, the Funds trade financial instruments and enter into financial transactions where risk of potential loss exists due to changes in the fair value of the investments.

The following are the principal risks of the Funds and are described in the Additional Fund Information and Principal Risk Definitions (www.greatgray.com/principalriskdefinitions):

Active Management, Bank Loans, Capitalization, China Region, Convertible Securities, Country or Region, Credit and Counterparty, Currency, Depositary Receipts, Derivatives, Distressed Investments, Emerging Markets, Equity Securities, ETF, ETN, Fixed Income Securities, Foreign Securities, Forwards, Futures, Growth Investing, High-Yield Securities, Income, Industry and Sector Investing, Inflation/Deflation, Interest Rate, Investment-Grade Securities, IPO, Issuer, Large Cap, Lending, Leverage, Long-Term Outlook and Projections, Loss of Money, Market/Market Volatility, Maturity/Duration, Mid-Cap, Mortgage-Backed and Asset-Backed Securities, New Fund, Not FDIC Insured, Options, Preferred Stocks, Prepayment (Call), Pricing, Quantitative Investing, Real Estate/REIT Sector, Regulation/Government Intervention, Reinvestment, Restricted/Illiquid Securities, Small Cap, Suitability, U.S. Government Obligations, Unitholder, Value Investing, Variable-Rate Securities.