# Morgan Stanley

Semi-Annual Report – June 30, 2023

# Global Strategist Portfolio

The Fund is intended to be a funding vehicle for variable annuity contracts and variable life insurance policies offered by the separate accounts of certain life insurance companies.

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### Consolidated Expense Example

#### **Global Strategist Portfolio**

As a shareholder of the Global Strategist Portfolio (the "Fund"), you incur two types of costs: (1) insurance company charges; and (2) ongoing costs, which may include advisory fees, administration fees, distribution (12b-1) fees and other Fund expenses. This example is intended to help you understand your ongoing costs (in dollars) of investing in the Fund and to compare these costs with the ongoing costs of investing in other mutual funds.

This example is based on an investment of \$1,000 invested at the beginning of the six-month period ended June 30, 2023 and held for the entire six-month period.

#### **Actual Expenses**

The table below provides information about actual account values and actual expenses. You may use the information in this table, together with the amount you invested, to estimate the expenses that you paid over the period. Simply divide your account value by \$1,000 (for example, an \$8,600 account value divided by \$1,000 = 8.6), then multiply the result by the number in the table under the heading entitled "Actual Expenses Paid During Period" to estimate the expenses you paid on your account during this period.

#### **Hypothetical Example for Comparison Purposes**

The table below provides information about hypothetical account values and hypothetical expenses based on the Fund's actual expense ratio and an assumed rate of return of 5% per year before expenses, which is not the Fund's actual return. The hypothetical account values and expenses may not be used to estimate the actual ending account balance or expenses you paid for the period. You may use this information to compare the ongoing costs of investing in the Fund and other funds. To do so, compare this 5% hypothetical example with the 5% hypothetical examples that appear in the shareholder reports of the other funds.

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

	Account Value 1/1/23	Actual Ending Account Value 6/30/23	Hypothetical Ending Account Value	Actual Expenses Paid During Period*	Expenses Paid During Period*	Net Expense Ratio During Period**
Global Strategist Portfolio Class I	\$1,000.00	\$1,074.60	\$1,020.48	\$4.48	\$4.36	0.87%
Global Strategist Portfolio Class II	1,000.00	1,074.00	1,019.98	4.99	4.86	0.97

<sup>\*</sup> Expenses are calculated using each Fund Class' annualized net expense ratio (as disclosed), multiplied by the average account value over the period and multiplied by 181/365 (to reflect the most recent one-half year period).

<sup>\* \*</sup> Annualized.

### Consolidated Portfolio of Investments

	Face	Amount (000)	Value (000)		Face	Amount (000)	Value (000)
Fixed Income Securities (46.9%)				4.24%, 2/10/47 (b)	\$	77	\$ 76
Agency Fixed Rate Mortgages (3.9%	)			4.89%, 7/15/47 (b)(c)		100	90
United States (3.9%)				WFRBS Commercial Mortgage Trust,		1.40	104
Federal Home Loan Mortgage Corpora Conventional Pools:	tion,			5.16%, 9/15/46 (b)(c)		140	124
2.00%, 6/1/52	\$	639	\$ 521				432
3.00%, 11/1/52		102	89	Total Commercial Mortgage-Backed	Securitie	es (Cost \$530)	506
4.50%, 1/1/49		12	12	Corporate Bonds (10.6%)			
Gold Pools:				Australia (0.5%)			
3.50%, 2/1/45 - 6/1/45		168	156	NBN Co. Ltd.,		200	1.00
4.50%, 1/1/49		8	8	2.63%, 5/5/31 (c)		200	168
Federal National Mortgage Association 6.00%, 7/13/53	n,	160	161	Transurban Finance Co. Pty Ltd., 2.00%, 8/28/25 Westpac Banking Corp.,	EUR	100	104
Conventional Pools: 2.50%, 10/1/51		297	252	2.67%, 11/15/35	\$	125	96
3.00%, 4/1/52		406	358		· ·		368
3.50%, 4/1/51		434	399	Canada (0.5%)			300
4.00%, 11/1/41 - 1/1/46		169	162	Canada (0.5%) Province of Ontario Canada,			
4.50%, 3/1/41 - 11/1/44		71	71	2.30%, 6/15/26		190	177
5.00%, 1/1/41 - 3/1/41		27	27	Province of Quebec Canada,		150	
6.00%, 1/1/38		5	5	0.00%, 10/29/30	EUR	210	180
July TBA				Rogers Communications, Inc.,			
3.00%, 7/1/53 (a)		100	88	3.80%, 3/15/32 (c)	\$	100	88
4.00%, 7/1/53 (a)		350	328				445
4.50%, 7/1/53 (a)		100	96	France (0.8%)			
5.00%, 7/1/53 (a)		400	392	AXA SA,			
5.50%, 7/1/53 (a)		75	75	3.25%, 5/28/49	EUR	100	98
Government National Mortgage Associa	ation,			BNP Paribas SA,		225	226
Various Pools: 4.00%, 7/15/44		11	11	1.13%, 6/11/26		225	226
5.00%, 2/20/49		3	3	BPCE SA, 5.15%, 7/21/24 (c)	\$	200	196
Total Agency Fixed Rate Mortgages	(Cost \$3,		3,214	Orange SA,			
Asset-Backed Securities (0.3%)				5.00%, 10/1/26 (d)	EUR	100	109
Ireland (0.1%)							629
European Residential Loan Securitisation	on			Germany (0.5%)			
2019-NPL1 DAC, Class A				Deutsche Bank AG,			
1 Month EURIBOR + 3.25%,	FLID	00	0.7	Series E 0.96%, 11/8/23	\$	150	147
6.69%, 7/24/54 (b)	EUR	90	97	Kreditanstalt fuer Wiederaufbau,	Ş	150	147
United States (0.2%)				1.13%, 9/15/32	EUR	190	178
Renaissance Home Equity Loan Trust, 1 Month USD LIBOR + 0.76%,				Volkswagen International Finance NV,			
5.91%, 12/25/32 (b)	\$	82	75	Series 10Y			
SLM Student Loan Trust,				1.88%, 3/30/27		100	100
3 Month EURIBOR + 0.55%,	EUD	6.6					425
3.81%, 7/25/39 (b)	EUR	66	68	Ireland (0.2%)			
			143	AerCap Ireland Capital			
Total Asset-Backed Securities (Cost			240	DAC/AerCap Global Aviation Trust,			
Commercial Mortgage-Backed Secur	rities (0.0	5%)		2.45%, 10/29/26	\$	175	156
United Kingdom (0.1%)				Italy (0.1%)			
Taurus 2018-2 UK DAC,				Assicurazioni Generali SpA,			
3 Month GBP SONIA + 1.22%, 5.97%, 5/22/28 (b)	GBP	58	74	5.50%, 10/27/47	EUR	100	110
· · · · · · · · · · · · · · · · · · ·	QDI			Japan (0.2%)			
United States (0.5%) COMM Mortgage Trust,				NTT Finance Corp.,			
3.96%, 3/10/47	\$	144	142	1.59%, 4/3/28 (c)	\$	200	171
, -, -,			-				

### **Global Strategist Portfolio**

\$			(000)	Celanese U.S. Holdings LLC,				<del></del>
	000							
	000			6.17%, 7/15/27	\$	50	\$	50
	200	\$	194	Centene Corp.,		175		1.40
	000		000	2.50%, 3/1/31		175		140
	200		200	Charles Schwab Corp., 5.85%, 5/19/34		65		66
	200		177	Charter Communications Operating LLC/		03		00
	200			Charter Communications Operating LEG/				
			5/1	Operating Capital,				
								81
								17
FLIR	100		87	5.13%, 7/1/49		25		20
LOIT	100			9		F0		40
								42
	100		108			225		199
	100					125		102
						143		102
Ś	200		173	3.10%, 4/15/30		100		92
Ÿ	200		1,3					-
				4.10%, 1/15/52		75		52
FLIR	100		104	Energy Transfer LP,				
				2.90%, 5/15/25		150		142
<u> </u>	200			Enterprise Products Operating LLC,				
			299					39
						25		25
						75		71
FLIR	100		8/1			75		74
LOIN	100					100		84
						100		04
\$	225		182	2.30%, 4/30/30 (c)		175		149
				Goldman Sachs Group, Inc.,				
				2.62%, 4/22/32		150		123
	125		115	HCA, Inc.,				
						/5		62
GBP	100		113			75		76
\$	225		227			/5		76
EUR	100		109	Finance, Inc.,				
GBP	100		120	2.50%, 1/15/27 (c)		225		197
				JPMorgan Chase & Co.,				
	100					225		184
			805			100		O.F.
						100		85
						75		63
\$	50		37					80
						100		00
						25		24
GBP	100		113	Medtronic Global Holdings SCA,				- •
Ċ	ΕO		<i>1</i> 1		EUR	100		89
\$				Metropolitan Life Global Funding I,				
				2.95%, 4/9/30 (c)	\$	150		130
				Micron Technology, Inc.,				
	25		24	5.88%, 9/15/33		75		74
	25		22					
	\$ EUR	\$ 200  EUR 100 \$ 200  EUR 100 \$ 200  EUR 100 \$ 225  GBP 100 \$ 225  EUR 100 GBP 100  \$ 100	\$ 200  EUR 100 \$ 200  EUR 100 \$ 200  EUR 100 \$ 225  GBP 100 \$ 225  EUR 100 GBP 100 \$ 50  EUR 100 GBP 100 \$ 50 25 100 25	\$ 200 173  EUR 100 104 \$ 200 195	EUR 100 87  EUR 100 87    Citigroup, Inc.,	EUR   100   87   String Capital, 2.80%, 4/1/31   3.50%, 3/1/42   5.13%, 7/1/49   Citigroup, Inc., 3.66%, 1/25/33   3.79%, 3/17/33   3.79%, 3/17/33   2.80%, 4/15/31   2.80%, 4/15/31   2.80%, 4/15/31   2.80%, 4/15/31   2.80%, 4/15/31   2.80%, 4/15/30   2.90%, 5/15/25   2.80%, 4/15/52   2.90%, 5/15/25   2.80%, 4/30/30 (c)   3.95%, 1/31/60   5.35%, 1/31/33   2.80%, 4/30/30 (c)   3.95%, 1/31/33   3.80%, 4/30/30 (c)   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60   3.95%, 1/31/60	EUR   100   87   5.13%, 7/1/49   25	STATE

	Face	Amount (000)	Val: (00
United States (cont'd)			
NextEra Energy Capital Holdings, Inc., 2.75%, 11/1/29	\$	175	\$ 1
Prologis Euro Finance LLC, 1.88%, 1/5/29	EUR	100	9
Republic Services, Inc., 5.00%, 4/1/34	\$	50	!
Thermo Fisher Scientific, Inc., 0.88%, 10/1/31	EUR	100	
Truist Financial Corp., SOFR + 2.36%,	•	100	
5.87%, 6/8/34 (b) U.S. Bancorp,	\$	100	10
5.78%, 6/12/29 5.84%, 6/12/34		75 75	
Upjohn Finance BV, 1.91%, 6/23/32	EUR	100	
Verizon Communications, Inc., 1.13%, 11/3/28	GBP	100	
3.40%, 3/22/41	\$	50	
Vontier Corp., 2.40%, 4/1/28		50	4
Walt Disney Co., 2.65%, 1/13/31		50	4
Warnermedia Holdings, Inc., 4.28%, 3/15/32		150	13
5.05%, 3/15/42		25	;
			4,1
Total Corporate Bonds (Cost \$9,761)			8,7
vereign (25.7%)			
Australia (0.4%)			
Australia Government Bond, 1.25%, 5/21/32	AUD	690	30
Austria (0.1%)			
Republic of Austria Government Bond, 0.00%, 2/20/30 (c)	EUR	70	(
Belgium (0.3%)			
Kingdom of Belgium Government Bond, 0.90%, 6/22/29 (c)		30	:
1.70%, 6/22/50 (c) Series 99		90	•
3.45%, 6/22/43 (c)		100	1
			20
Brazil (2.1%)			
Brazil Notas do Tesouro Nacional, 10.00%, 1/1/27	BRL	8,262	1,7
Canada (1.1%)			
Canadian Government Bond, 1.25%, 6/1/30	CAD	1,020	6
		20	
2.00%, 12/1/51		-	
2.00%, 12/1/51 2.50%, 12/1/32		290	20

	Fac	e Amount (000)	Value (000)
China (6.7%)			
Agricultural Development Bank of Ch	ina,		
2.25%, 4/22/25	CNY	770	\$ 106
3.79%, 10/26/30		740	109
China Development Bank, 3.07%, 3/10/30		1,410	197
3.34%, 7/14/25		740	104
China Government Bond,		740	104
2.37%, 1/20/27		3,200	440
2.76%, 5/15/32		22,270	3,072
2.80%, 11/15/32		1,400	194
3.13%, 11/21/29		4,390	622
3.27%, 11/19/30		1,540	222
3.52%, 4/25/46		410	60
3.53%, 10/18/51		200	30
3.81%, 9/14/50		300	47
3.86%, 7/22/49		1,270	199
Export-Import Bank of China,		740	102
2.93%, 3/2/25		740	103
			5,505
Czech Republic (0.1%)			
Czech Republic Government Bond, 1.20%, 3/13/31	CZK	1,200	44
Denmark (0.1%)	OZIT	1,200	
Denmark Government Bond,			
0.50%, 11/15/27	DKK	630	84
Finland (0.1%)			
Finland Government Bond,			
1.13%, 4/15/34 (c)	EUR	70	63
France (1.6%)			
Agence Francaise de Developpement El	PIC,		
1.50%, 10/31/34		100	91
Banque Federative du Credit Mutuel S		100	110
1.25%, 12/5/25 French Republic Government Bond O	GBP	100	112
0.00%, 11/25/29	EUR	940	858
2.00%, 5/25/48 (c)		200	172
SNCF Reseau,			
1.88%, 3/30/34		100	95
			1,328
Germany (1.4%)			
Bundesrepublik Deutschland			
Bundesanleihe,		500	500
0.00%, 8/15/31 - 8/15/50		588	509
0.25%, 2/15/29		190	183
4.25%, 7/4/39		120	161
Series G 1.80%, 8/15/53		28	27
State of North Rhine-Westphalia		20	21
Germany,			
1.65%, 2/22/38		290	261
			1,141
Greece (2.6%)			
ai 0000 (E.070)			
Hellenic Republic Government Bonds 4.25%, 6/15/33 (c)	,	1,903	2,176

	Fac	ce Amount (000)		lue 00)
Hungary (0.1%)				
Hungary Government Bond,				
Series 30/A	HUF	0 100	ċ	10
3.00%, 8/21/30 Series 32/A	ПОГ	8,480	\$	19
4.75%, 11/24/32		10 110		45
		18,110		43
Series 32/G		10 410		26
4.50%, 5/27/32		10,410		26
Indonesia (O.49/)				90
Indonesia (0.4%)				
Indonesia Treasury Bond, 8.25%, 5/15/29	IDR	839,000		62
8.38%, 3/15/34	IDIN	2,481,000	1	190
Series FR65		2,401,000		130
		1 500 000	1	102
6.63%, 5/15/33		1,500,000		102
				354
Ireland (0.1%)				
Ireland Government Bond,	FLID	00		70
0.20%, 10/18/30	EUR	80		72
Italy (0.8%)				
Italy Buoni Poliennali Del Tesoro,		50		1.0
0.45%, 2/15/29		50	,	46
2.50%, 12/1/32		220	_	213
4.45%, 9/1/43 (c)		199	2	221
Republic of Italy Government International Bond,				
0.88%, 5/6/24	\$	200	1	191
				571
Japan (4.1%)				
Japan Government Five Year Bond,				
0.10%, 6/20/24	JPY	90,300	6	527
Japan Government Ten Year Bond,				
0.10%, 6/20/26 - 6/20/31		148,800	1,0	025
Japan Government Thirty Year Bond,				
0.30%, 6/20/46		34,300		200
0.40%, 9/20/49		21,900		125
0.60%, 6/20/50		29,000		172
1.70%, 6/20/33		91,300	7	712
Japan Government Twenty Year Bond,		77.000		100
0.40%, 6/20/41		77,000		188
W B III 412 421			3,3	349
Korea, Republic of (0.4%)				
Export-Import Bank of Korea,	\$	200	1	177
0.63%, 2/9/26	Ş	200	1	177
Korea Development Bank, 0.80%, 7/19/26		200	1	174
0.00%, 1, 15, 20				351
Malaysia (0.4%)				
Malaysia (0.4%) Malaysia Government Bond,				
Series 0219				
3.89%, 8/15/29	MYR	440		95
Series 0122				
3.58%, 7/15/32		200		42

	Face	Amount (000)	Value (000)
Petronas Capital Ltd., 3.50%, 3/18/25 (c)	\$	200	\$ 193
0.00%, 0/ 10/ 20 (0/	<u> </u>	200	330
Mexico (0.4%)			
Mexican Bonos,			
Series M 7.50%, 6/3/27	MXN	1,700	95
7.75%, 5/29/31	IVIZIN	3,000	166
8.50%, 5/31/29		800	46
			307
Netherlands (0.2%)			
Netherlands Government Bond,			
0.00%, 7/15/30 (c)	EUR	190	172
2.75%, 1/15/47 (c)		20	22
N 7 1 1/0 00/1			194
New Zealand (0.3%)			
New Zealand Government Bond, Series 0530			
4.50%, 5/15/30	NZD	200	122
Series 0534			
4.25%, 5/15/34		200	119
			241
Norway (0.0%)‡			
Norway Government Bond, 2.13%, 5/18/32 (c)	NOK	190	16
Saudi Arabia (0.2%)			
KSA Sukuk Ltd., 4.51%, 5/22/33 (c)	\$	200	197
Singapore (0.1%)			
Singapore Government Bond, 2.63%, 8/1/32	SGD	70	50
Spain (0.9%)			
Spain Government Bond,			
0.00%, 5/31/25 - 1/31/28 (c)	EUR	360	364
0.70%, 4/30/32 (c)		21	18
1.25%, 10/31/30 (c)		289	275
2.70%, 10/31/48 (c) 3.45%, 7/30/66 (c)		40 21	36 21
3.55%, 10/31/33 (c)		44	48
0.00%, 10,01,00 (0,			762
Thailand (0.1%)			
Thailand Government Bond,			
2.00%, 12/17/31	THB	4,000	109
United Kingdom (0.6%)			
United Kingdom Gilt, 0.63%, 10/22/50	GBP	180	93
0.88%, 7/31/33	ab.	150	136
1.25%, 10/22/41		60	46
3.50%, 1/22/45		180	197
			472
Total Sovereign (Cost \$23,476)			21,146

	Face	Amount (000)	Value (000)		Face Amount (000)	Value (000)
Supranational (0.7%)				PRKCM 2023-AFC1 Trust, Class A1		
Asian Development Bank, 2.13%, 5/19/31	NZD	60	\$ 30	6.60%, 2/25/58 (c) PRMI Securitization Trust,	\$ 93	\$ 94
European Investment Bank, 0.00%, 1/14/31	EUR	200	174	2.50%, 4/25/51 (b)(c) Seasoned Credit Risk Transfer Trust,	85	68
International Bank for Reconstruction &		200	17.1	3.00%, 11/25/57	80	71
Development,				3.00%, 7/25/58	86	75
2.20%, 2/27/24	AUD	610	400	3.00%, 10/25/58	13	12
Total Supranational (Cost \$728)			604	4.00%, 10/25/58	13	12
U.S. Treasury Securities (3.7%)						1,060
United States (3.7%)				Total Mortgages — Other (Cost \$1,28	7)	1,143
U.S. Treasury Bonds, 1.13%, 5/15/40	\$	790	513	Total Fixed Income Securities (Cost \$4	42,868)	38,640
1.25%, 5/15/50	*	236	133			
1.75%, 8/15/41		530	373		Shares	
2.50%, 2/15/45		590	457	Common Stocks (34.7%)		
2.75%, 8/15/47		360	290	Australia (1.0%)		
U.S. Treasury Inflation-Indexed Bonds,				Ampol Ltd.	168	3
1.13%, 1/15/33		1,057	1,013	ANZ Group Holdings Ltd.	2,017	32
U.S. Treasury Notes,		0.40	200	APA Group	835	5
1.38%, 11/15/31		340	280	Aristocrat Leisure Ltd.	403	10
Total U.S. Treasury Securities (Cost \$	3,487)		3,059	ASX Ltd.	135	6
Mortgages — Other (1.4%)				Aurizon Holdings Ltd.	1,340	4
Germany (0.0%)‡				BHP Group Ltd.	3,498	105
Berg Finance DAC,				BlueScope Steel Ltd.	333	5
3 Month EURIBOR + 1.05%,	EUR	1.0	1.0	Brambles Ltd.	934	9
4.26%, 4/22/33 (b)	LUK	16	16	Cochlear Ltd.	43	7
United Kingdom (0.1%)				Coles Group Ltd.	897	11
Landmark Mortgage Securities No. 3 PLC,				Commonwealth Bank of Australia	1,148	77
3 Month GBP SONIA + 2.22%,				Computershare Ltd.	383	6
6.69%, 4/17/44 (b)	GBP	58	67	CSL Ltd.	325	60
United States (1.3%)				Dexus REIT	763	4
Bayview MSR Opportunity Master				Endeavour Group Ltd. (Australia)	1,015	4
Fund Trust,				Fortescue Metals Group Ltd.	1,151	17
3.00%, 1/25/52 (b)(c)	\$	92	77	Goodman Group REIT	1,132	15
BX Commercial Mortgage Trust, Class A	4			GPT Group REIT	1,384	4
1 Month Term SOFR + 2.28%,		100	100	IDP Education Ltd.	148	2
7.43%, 6/15/40 (b)(c)		100	100	IGO Ltd.	483	5
Federal Home Loan Mortgage Corp. Whole Loan Securities Trust,				Insurance Australia Group Ltd.	1,711	7
3.00%, 9/25/45		18	15	James Hardie Industries PLC CDI (e)	298	8
3.00%, 7/25/46		8	7	Lendlease Corp. Ltd. REIT	489	3
3.00%, 12/25/46		30	26	Lottery Corp. Ltd.	1,555	5
3.00%, 5/25/47		37	32	Macquarie Group Ltd.	244	29
3.50%, 5/25/45		8	6	Medibank Pvt Ltd.	1,897	4
3.50%, 9/25/45		17	15	Mineral Resources Ltd.	122	6
3.50%, 7/25/46		10	9	Mirvac Group REIT	2,766	4
4.00%, 5/25/45		2	2	National Australia Bank Ltd.	2,117	37
Hundred Acre Wood Trust,				Newcrest Mining Ltd.	586	10
2.50%, 12/25/51 (b)(c)		90	72	Northern Star Resources Ltd.	785	6
JP Morgan Mortgage Trust,				Orica Ltd.	323	3
3.00%, 4/25/52 (b)(c)		165	139	Origin Energy Ltd.	1,161	7
3.00%, 9/25/52 (b)(c)		180	151	Pilbara Minerals Ltd.	1,841	6
3.25%, 7/25/52 (b)(c)		90	77	Qantas Airways Ltd. (e)	654	3

	Shares	Value (000)		Shares	Value (000)
Australia (cont'd)		<u> </u>	Bank of Montreal	568	\$ 51
QBE Insurance Group Ltd.	1,013	\$ 11	Bank of Nova Scotia	988	50
Ramsay Health Care Ltd.	126	5	Barrick Gold Corp. (LSE)	1,103	19
REA Group Ltd.	37	4	Barrick Gold Corp. (NYSE)	57	1
Reece Ltd.	160	2	BCE, Inc.	61	3
Rio Tinto Ltd.	253	19	Brookfield Asset Management Ltd., Class A	296	10
Santos Ltd.	2,085	10	Brookfield Corp.	989	33
Scentre Group REIT	3,615	6	Brookfield Renewable Corp., Class A	107	3
SEEK Ltd.	244	4	BRP, Inc.	31	3
Sonic Healthcare Ltd.	302	7	CAE, Inc. (e)	263	6
South32 Ltd.	3,084	8	Cameco Corp.	361	11
Stockland REIT	1,646	4	Canadian Apartment Properties REIT	70	3
Suncorp Group Ltd.	859	8	Canadian Imperial Bank of Commerce	655	28
Telstra Group Ltd.	2,712	8	Canadian National Railway Co.	478	58
Transurban Group (Units)	2,060	20	Canadian Natural Resources Ltd.	926	52
Treasury Wine Estates Ltd.	506	4	Canadian Pacific Kansas City Ltd.	471	38
Vicinity Ltd. REIT	2,742	3	Canadian Tire Corp. Ltd., Class A	46	6
Washington H Soul Pattinson & Co. Ltd.	153	3	Canadian Utilities Ltd., Class A	106	3
Wesfarmers Ltd.	761	25	CCL Industries, Inc., Class B	125	6
Westpac Banking Corp.	2,374	34	Cenovus Energy, Inc.	1,223	21
WiseTech Global Ltd.	102	5	CGI, Inc. (e)	176	19
Woodside Energy Group Ltd.	1,276	30	Constellation Software, Inc.	170	35
Woolworths Group Ltd.	816	22	Descartes Systems Group, Inc. (e)	71	6
Xero Ltd. (e)	93	7	Dollarama, Inc.	225	15
Aero Liu. (e)	93		Element Fleet Management Corp.	332	5
		778	Emera, Inc.	219	9
Austria (0.1%)			Empire Co. Ltd., Class A	133	4
Erste Group Bank AG	1,013	36	Enbridge, Inc.	1,477	55
OMV AG	129	5	Fairfax Financial Holdings Ltd.	1,477	14
Verbund AG	59	5	First Quantum Minerals Ltd.	497	12
voestalpine AG	103	4	First Service Corp.	34	5
		50	Fortis, Inc.	393	17
Belgium (0.2%)			Franco-Nevada Corp.	162	23
Ageas SA	136	5	George Weston Ltd.	59	7
Anheuser-Busch InBev SA	738	42	GEL Environmental, Inc.	151	
Argenx SE (e)	46	18	Gildan Activewear, Inc.	151	6
D'ieteren Group	22	4	Great-West Lifeco, Inc.	233	5 7
Elia Group SA	28	4	Hydro One Ltd.	269	8
Groupe Bruxelles Lambert NV	85	7			
KBC Group NV	738	51	IA Financial Corp., Inc. IGM Financial, Inc.	88	6
Sofina SA	13	3	•	68	2
Solvay SA	64	7	Imperial Oil Ltd.	179	9
UCB SA	105	9	Intact Financial Corp.	145	22
Umicore SA	181	5	Ivanhoe Mines Ltd., Class A (e)	518	5
Warehouses De Pauw CVA REIT	140	4	Keyera Corp.	183	4
- Walchouses be Faaw OWINETI	140		Kinross Gold Corp.	1,059	5
		159	Loblaw Cos. Ltd.	134	12
Canada (1.7%)			Lundin Mining Corp.	525	4
Agnico Eagle Mines Ltd.	408	20	Magna International, Inc.	230	13
Air Canada (e)	147	3	Manulife Financial Corp.	1,367	26
Algonquin Power & Utilities Corp.	554	5	Metro, Inc.	195	11
Alimentation Couche-Tard, Inc.	571	29	National Bank of Canada	282	21
AltaGas Ltd.	234	4	Northland Power, Inc.	203	4
ARC Resources Ltd.	528	7	Nutrien Ltd.	439	26

	Shares	Value (000)		Shares	Value (000)
Canada (cont'd)		_	Fortum Oyj	365	\$ 5
Nuvei Corp. (e)	57	\$ 2	Kesko Oyj, Class B	224	4
Onex Corp.	60	3	Kone Oyj, Class B	283	15
Open Text Corp.	226	9	Metso Oyj	545	7
Pan American Silver Corp.	303	4	Neste Oyj	346	13
Parkland Corp.	118	3	Nokia Oyj	4,383	18
Pembina Pipeline Corp.	457	14	Orion Oyj, Class B	88	4
Power Corp. of Canada	458	12	Sampo Oyj, Class A	387	17
Quebecor, Inc., Class B	129	3	Stora Enso Oyj, Class R	454	5
RB Global, Inc.	151	9	UPM-Kymmene Oyj	434	13
Restaurant Brands International, Inc.	243	19	Wartsila Oyj Abp	391	5
RioCan Real Estate Investment Trust REIT	123	2			112
Rogers Communications, Inc., Class B	293	13	France (2.1%)		
Royal Bank of Canada	852	81	Accor SA	135	5
Saputo, Inc.	209	5			
Shopify, Inc., Class A (e)	1,024	66	Aeroports de Paris	23	3
Sun Life Financial, Inc.	490	26	Air Liquide SA Airbus SE	410 461	74 67
Suncor Energy, Inc.	1,133	33			
TC Energy Corp.	634	26	Alstom SA	253	8
Teck Resources Ltd., Class B	390	16	Amundi SA	49	3
TELUS Corp.	388	8	ArcelorMittal SA	417	11
TFI International, Inc.	66	8	Arkema SA	48	5
Thomson Reuters Corp.	134	18	AXA SA	1,474	44
TMX Group Ltd.	230	5	BioMerieux	33	3
Toromont Industries Ltd.	70	6	BNP Paribas SA	3,195	202
Toronto-Dominion Bank	1,355	84	Bollore SE	694	4
Tourmaline Oil Corp.	270	13	Bouygues SA	177	6
West Fraser Timber Co. Ltd.	49	4	Bureau Veritas SA	232	6
Wheaton Precious Metals Corp.	378	16	Capgemini SE	129	24
WSP Global, Inc.	106	14	Carrefour SA	469	9
WSF Global, IIIC.	100	-	Cie de Saint-Gobain	399	24
		1,417	Cie Generale des Etablissements Michelin SCA	541	16
China (0.0%)			Covivio SA REIT	38	2
China Common Rich Renewable Energy			Credit Agricole SA	3,480	41
Investments Ltd. (e)	18,000		Danone SA	497	30
Denmark (0.5%)			Dassault Aviation SA	20	4
AP Moller — Maersk AS Series B	7	12	Dassault Systemes SE	521	23
Carlsberg AS Series B	74	12	Edenred	192	13
Chr Hansen Holding AS	85	6	Eiffage SA	65	7
Coloplast AS Series B	90	11	Engie SA	1,420	24
Danske Bank AS (e)	536	13	EssilorLuxottica SA	222	42
Demant AS (e)	73	3	Eurazeo SE	35	2
DSV AS	147	31	Eurofins Scientific SE	105	7
Genmab AS (e)	51	19	Euronext NV	67	5
Novo Nordisk AS Series B	1,280	207	Gecina SA REIT	37	4
Novozymes AS Series B	164	8	Getlink SE	344	6
Orsted AS	144	14	Hermes International	25	54
Pandora AS	73	6	Ipsen SA	29	3
ROCKWOOL AS, Class B	8	2	Kering SA	61	34
Tryg AS	284	6	Klepierre SA REIT	173	4
Vestas Wind Systems AS (e)	788	21	L'Oreal SA	190	89
		371	La Française des Jeux SAEM	82	3
Finley 4 (0.20/)		3/1	Legrand SA	216	21
Finland (0.2%)	110	_	LVMH Moet Hennessy Louis Vuitton SE	216	204
Elisa Oyj	116	6	,		

	Shares	Value (000)		Shares	Value (000)	
France (cont'd)		<u> </u>	Hannover Rueck SE (Registered)	49	\$ 10	
Orange SA	1,538	\$ 18	Heidelberg Materials AG	121	10	
Pernod Ricard SA	161	36	HelloFresh SE (e)	139	3	
Publicis Groupe SA	180	14	Henkel AG & Co. KGaA	85	6	
Remy Cointreau SA	18	3	Henkel AG & Co. KGaA (Preference)	146	12	
Renault SA	156	7	Infineon Technologies AG	1,094	45	
Safran SA	266	42	Knorr-Bremse AG	61	5	
Sanofi	886	95	LEG Immobilien SE (e)	63	4	
Sartorius Stedim Biotech	21	5	Mercedes-Benz Group AG (Registered)	672	54	
Schneider Electric SE	436	79	Merck KGaA	106	18	
SEB SA	20	2	MTU Aero Engines AG	44	11	
Societe Generale SA	2,298	60	Muenchener Rueckversicherungs-Gesellschaft			
Sodexo SA	62	7	AG in Muenchen (Registered)	114	43	
STMicroelectronics NV	551	27	Nemetschek SE	48	4	
Teleperformance	47	8	Porsche Automobil Holding SE (Preference) (e)	127	8	
Thales SA	83	12	Puma SE	88	5	
	1,937	111	QIAGEN NV (e)	188	8	
TotalEnergies SE Unibail-Rodamco-Westfield REIT (e)	1,937	5	Rational AG	4	3	
Valeo SA	167	4	Rheinmetall AG	37	10	
	526		RWE AG	525	23	
Veolia Environnement SA Vinci SA	414	17 48	SAP SE	853	116	
			Sartorius AG (Preference)	20	7	
Vivendi SE	567	5	Scout24 SE	67	4	
Wendel SE	21	2	Siemens AG (Registered)	640	107	
Worldline SA (e)	189	7	Siemens Energy AG (e)	431	8	
		1,750	Siemens Healthineers AG	230	13	
Germany (1.4%)			Symrise AG	110	12	
Adidas AG	133	26	Telefonica Deutschland Holding AG	852	2	
Allianz SE (Registered)	332	77	United Internet AG (Registered)	72	1	
Aroundtown SA (e)	912	1	Volkswagen AG	24	4	
BASF SE	766	37	Volkswagen AG Volkswagen AG (Preference)	155	21	
Bayer AG (Registered)	804	44	Vonovia SE	608	12	
Bayerische Motoren Werke AG	276	34		188		
Bayerische Motoren Werke AG (Preference)	49	6	Zalando SE (e)	188	5	
Bechtle AG	70	3			1,127	
Beiersdorf AG	82	11	Hong Kong (0.2%)			
Brenntag SE	129	10	AIA Group Ltd.	4,718	48	
Carl Zeiss Meditec AG	33	4	BOC Hong Kong Holdings Ltd.	1,901	6	
Commerzbank AG	3,127	35	Budweiser Brewing Co. APAC Ltd.	881	2	
Continental AG	94	7	CK Asset Holdings Ltd.	1,026	6	
Covestro AG (e)	164	8	CK Hutchison Holdings Ltd.	1,369	8	
Daimler Truck Holding AG	386	14	CK Infrastructure Holdings Ltd.	326	2	
Delivery Hero SE (e)	145	6	CLP Holdings Ltd.	843	7	
Deutsche Bank AG (Registered)	1,697	18	ESR Group Ltd.	1,026	2	
Deutsche Boerse AG	155	29	Futu Holdings Ltd. ADR (e)	31	1	
Deutsche Lufthansa AG (Registered) (e)	493	5	Galaxy Entertainment Group Ltd. (e)	1,114	7	
Deutsche Post AG (Registered)	824	40	Hang Lung Properties Ltd.	1,046	2	
Deutsche Telekom AG (Registered)	2,620	57	Hang Seng Bank Ltd.	395	6	
Dr Ing hc F Porsche AG (e)	2,020	12	Henderson Land Development Co. Ltd.	749	2	
E.ON SE	1,830	23	HKT Trust & HKT Ltd.	1,955	2	
Evonik Industries AG	1,630	3	Hong Kong & China Gas Co. Ltd.	5,786	5	
Fresenius Medical Care AG & Co. KGaA		s 8	Hong Kong Exchanges & Clearing Ltd.	530	20	
	168		Hongkong Land Holdings Ltd.	578	2	
Fresenius SE & Co. KGaA	346	10	Jardine Matheson Holdings Ltd.	82	4	
GEA Group AG	125	5	varante matricoon riolango Lta.	02	4	

Henge Kontig (control )		Shares	Value (000)		Shares	Value (000)
Link REIT	Hong Kong (cont'd)			FinecoBank Banca Fineco SpA	1,759	\$ 24
MIR Corp. Ltd.   796	,	1,011	\$ 6	Infrastrutture Wireless Italiane SpA	275	4
New World Development Co. Ltd.	MTR Corp. Ltd.			Intesa Sanpaolo SpA	47,755	125
Sand China Ltd.     1,253   4   Next SpA (e)   487   487   48   Sino Land Co. Ltd.   1,828   2   Pote Islaines SpA   215   99   5   SITC International Holdings Co. Ltd.   684   1   Prysmian SpA   215   99   8   Surh Page Ltd.   Cld. Cld.   684   1   Prysmian SpA   215   99   8   Surh Page Ltd.   Cld. Cld. Cld.   684   1   Prysmian SpA   215   99   8   Surh Page Ltd.   Cld. Cld. Cld.   682   1   Stallantis NV   1,866   33   32   Stallantis NV   1,866   33   34   Stallantis NV   1,866   33   Stallantis NV   1,866   Stallantis NV   1,866   Stallantis NV   1,866   Stallantis NV   1,86	New World Development Co. Ltd.	780	2			21
Sands Chine Ltd.     1,253   4   Next SpA (e)   487   44   45   510 Land Co. Ltd.   1,828   2   Posts Inaiane SpA   429   5   510 Chemational Holdings Co. Ltd.   684   1   Prysmian SpA   215   9   5   510 Chemational Holdings Co. Ltd.   745   9   Recordat Industria Chimica e Farmaceutica SpA   86   4   4   4   4   4   4   4   4   4	·	718	4	Moncler SpA	167	12
Sinc Land Co. Ltd.   1,828   2   Poste Italiane SpA   429   5   5   9   SITC International Holdings Co. Ltd.   684   1   Prysmina SpA   215   5   9   Sinc Hung Kail Properties Ltd.   745   9   Recordate Industria Chimica e Farmaceutica SpA   86   4   4   4   4   4   4   4   4   4	=	1,253	4	Nexi SpA (e)	487	4
SITC International Holdings Co. Ltd.	Sino Land Co. Ltd.		2		429	5
Sun Hung Kai Properties Ltd.   745   9   Recordati Industria Chimica e Farmaceutica SpA   86   4	SITC International Holdings Co. Ltd.		1	Prysmian SpA	215	9
Swire Pacific Ltd., Class A   246   2   Sham ShA   1,609   8   8   Swire Properties Ltd.   602   1   Stellantis NV   1,866   33   33   32   34   34   35   35   32   34   34   34   34   34   34   34	<u> </u>	745	9	Recordati Industria Chimica e Farmaceutica SpA	86	4
Techtronic Industries Co. Ltd.	_ :	246	2	Snam SpA	1,609	8
Techtronic Industries Co. Ltd.	Swire Properties Ltd.	602	1	Stellantis NV	1,866	33
Starte Investment Co. Ltd.		718	8	Telecom Italia SpA (Milano) (e)		2
Starte Investment Co. Ltd.	WH Group Ltd.	3,255	2	Tenaris SA	387	6
Number   N	Wharf Real Estate Investment Co. Ltd.			Terna — Rete Elettrica Nazionale	1,130	10
Netherlands (0.1%)	Xinyi Glass Holdings Ltd.	987	2	UniCredit SpA		138
ABB Group PLC   901			183			569
ABI Group PLC 891 4 ABN AMRO Bank NV CVA 1,224 19 Bank of Ireland Group Plc 889 8 Adyen NV (e) 18 31 CRH PLC 644 36 Aegon NV 1,489 88 Flutter Entertainment PLC (e) 138 28 AerCap Holdings NV (e) 137 9 Kerry Group PLC, Class A 133 13 Akzo Nobel NV 152 12 Kingspan Group PLC 135 9 ASM International NV 39 17 Smurfit Kappa Group PLC 207 7 ASML Holding NV 341 247  Erael (0.1%)	Ireland (0.1%)			Netherlands (0.9%)		
CRH PLC		901	4	ABN AMRO Bank NV CVA	1,224	19
CRH PLC         644         36         Aegon NV         1,489         8           Flutter Entertainment PLC (e)         138         28         AerCap Holdings NV (most)         132         12           Kerry Group PLC, Class A         133         13         Akzo Nobel NV         152         12           Kingspan Group PLC         135         9         ASM International NV         39         17           Smufft Kappa Group PLC         207         7         ASML Holding NV         34         247           Israel (0.1%)         1         Coca-Cola Europacific Partners PLC         170         11           Arrieli Group Ltd.         34         2         Heineken Holding NV         95         8           Bank Hapoalim BM         1,016         8         Heineken NV         113         22           Bank Leumi Lelsrael BM         1,235         9         MICD NV         48         7           Bezeq The Israel Telecommunication Corp. Ltd.         1,669         2         ING Groep NV         11,209         151           Check Point Software Edenologies Ltd. (e)         32         5         Just Eat Takeaway.com NV (e)         158         2           Elibi Systems Ltd.         21         4         Koniniklijke DSM NY<	Bank of Ireland Group Plc	889	8	Adyen NV (e)	18	31
Kerry Group PLC, Class A         133         13         Akzo Nobel W         152         12           Kingspan Group PLC         135         9         ASM International NV         39         17           Smurfit Kappa Group PLC         207         7         ASML Holding NV         341         247           Israel (0.1%)         34         2         Basic-Fit NV (e)         788         30           Azriel Group Ltd.         34         2         Heineken Holding NV         95         88           Bank Hapoalim BM         1,016         8         Heineken NV         213         22           Bank Leumi Le-Israel BM         1,016         8         Heineken NV         213         22           Bezeq The Israeli Telecommunication Corp. Ltd.         1,659         2         ING Groep NV         11,209         151           Bezeq The Israeli Telecommunication Corp. Ltd.         1,659         2         ING Groep NV         11,209         158         2           Check Point Software Technologies Ltd. (e)         80         10         JDE Peet's NV         83         2           Clbic Systems Ltd.         21         4         Koninklijke Philips Nt (e)         158         2           Clbic Systems Ltd.         21	CRH PLC	644	36	Aegon NV	1,489	8
Smurfit Kappa Group PLC   135   9   ASM International NV   39   17	Flutter Entertainment PLC (e)	138	28	AerCap Holdings NV (e)	137	9
Ringspan Group PLC   135   9   ASM International NV   39   1.7	Kerry Group PLC, Class A	133	13	Akzo Nobel NV	152	12
Smurfit Kappa Group PLC         207         7         ASML Holding NV         341         247           Israel (0.1%)         Basic Fit NV (e)         788         30           Azrieli Group Ltd.         34         2         Heineken Holding NV         95         8           Bank Hapoalim BM         1,016         8         Heineken Holding NV         213         22           Bank Leumi LeIsrael BM         1,235         9         IMCD NV         48         7           Bezeg The Israeli Telecommunication Corp. Ltd.         1,659         2         ING Groep NV         11,209         151           Check Point Software Technologies Ltd. (e)         80         10         DE Peet's NV         83         2           CyberArk Software Ltd. (e)         32         5         Just Eat Takeaway.com NV (e)         158         2           Elbit Systems Ltd.         21         4         Koninklijke Abid Delhaize NV         870         30           First International Bank Of Israel Ltd.         44         2         Koninklijke Philips NV (e)         769         17           Israel Discount Bank Ltd., Class A         989         5         Koninklijke Philips NV (e)         769         17           Mice Ltd. (e)         87         3		135	9	ASM International NV	39	17
Strael (0.1%)	= :	207		ASML Holding NV	341	247
Coca-Cola Europacific Partners PLC	· · · · · · · · · · · · · · · · · · ·		105	Basic-Fit NV (e)	788	30
Azrieli Group Ltd.   34	Israel (0.1%)			Coca-Cola Europacific Partners PLC	170	11
Bank Hapoalim BM         1,016         8         Heineken NV         213         22           Bank Leumi Le-Israel BM         1,235         9         MCD NV         48         7           Bezeq The Israeli Telecommunication Corp. Ltd.         1,659         2         ING Groep NV         11,209         151           Check Point Software Technologies Ltd. (e)         80         10         JDE Peet's NV         83         2           CyberArk Software Ltd. (e)         32         5         Just Eat Takeaway.com NV (e)         158         2           Elbit Systems Ltd.         21         4         Koninklijke Abrold Delhaize NV         870         30           First International Bank Of Israel Ltd.         44         2         Koninklijke DSM NW         148         15           ICL Group Ltd.         567         3         Koninklijke PN NV         2,729         10           Israel Discount Bank Ltd., Class A         989         5         Koninklijke Philips NV (e)         769         17           Mizrahi Tefahot Bank Ltd.         123         4         NIN Group NV         231         9           Mizrahi Tefahot Bank Ltd. (e)         51         11         OCI NV (e)         87         2           Teva Pharmaceutical Industries		3/1	2	Heineken Holding NV	95	8
Bank Leumi Let-Israel BM				Heineken NV	213	22
Bezeq The Israeli Telecommunication Corp. Ltd.		•		IMCD NV	48	7
Check Point Software Technologies Ltd. (e)				ING Groep NV	11,209	151
CyberArk Software Ltd. (e)   32   5   Just Eat Takeaway.com NV (e)   158   2	·	•		JDE Peet's NV	83	2
Elbit Systems Ltd.				Just Eat Takeaway.com NV (e)	158	2
First International Bank Of Israel Ltd.         44         2         Koninklijke DSM NV         148         15           ICL Group Ltd.         567         3         Koninklijke KPN NV         2,729         10           Israel Discount Bank Ltd., Class A         989         5         Koninklijke Philips NV (e)         769         17           Mizrahi Tefahot Bank Ltd.         123         4         NN Group NV         231         9           Nice Ltd. (e)         51         11         OCI NV (e)         87         2           Teva Pharmaceutical Industries Ltd. ADR (e)         885         7         Prosus NV (e)         662         48           Tower Semiconductor Ltd. (e)         87         3         Randstad NV         100         5           Wix.com Ltd. (e)         46         4         Wolters Kluwer NV         210         27           Italy (0.7%)         Amplifon SpA         101         4         Auckland International Airport Ltd. (e)         916         5           CNH Industrial NV         853         12         EBOS Group Ltd.         118         3           Davide Campari-Milano NV         423         6         Mercury NZ Ltd.         501         2           Enel SpA         6,590         <				Koninklijke Ahold Delhaize NV	870	30
ICL Group Ltd.   567   3   Koninklijke RPN NV   2,729   10				Koninklijke DSM NV	148	15
Israel Discount Bank Ltd., Class A   989   5   Koninklijke Philips NV (e)   769   17				Koninklijke KPN NV	2,729	10
Mizrahi Tefahot Bank Ltd.         123         4         NN Group NV         231         9           Nice Ltd. (e)         51         11         OCI NV (e)         87         2           Teva Pharmaceutical Industries Ltd. ADR (e)         885         7         Prosus NV (e)         662         48           Tower Semiconductor Ltd. (e)         87         3         Randstad NV         100         5           Wix.com Ltd. (e)         46         4         Universal Music Group NV         607         14           Wolters Kluwer NV         210         27           Italy (0.7%)         New Zealand (0.0%)‡				Koninklijke Philips NV (e)	769	17
Nice Ltd. (e)   51				NN Group NV	231	9
Teva Pharmaceutical Industries Ltd. ADR (e)			•	OCI NV (e)	87	2
Tower Semiconductor Ltd. (e)				Prosus NV (e)	662	48
Wix.com Ltd. (e)         46         4         Universal Music Group NV Wolters Kluwer NV         607 27         14 Wolters Kluwer NV         14 Wolters Kluwer NV         210 27         27           Italy (0.7%)         Amplifon SpA         101 4 Assicurazioni Generali SpA         907 18 Auckland International Airport Ltd. (e)         916 5         5           CNH Industrial NV         853 12 EBOS Group Ltd.         118 3         3           Davide Campari-Milano NV         423 6 Fisher & Paykel Healthcare Corp. Ltd.         419 6 Mercury NZ Ltd.         501 2           DiaSorin SpA         21 2 Meridian Energy Ltd.         501 2         2           Enel SpA         6,590 44 Meridian Energy Ltd.         905 3         3           Eni SpA         2,035 29 Spark New Zealand Ltd.         1,361 4         4           EXOR NV         183 16         23				Randstad NV	100	5
Totaly (0.7%)   Totaly (0.7%				Universal Music Group NV	607	14
Italy (0.7%)         New Zealand (0.0%)‡           Amplifon SpA         101         4         Auckland International Airport Ltd. (e)         916         5           Assicurazioni Generali SpA         907         18         EBOS Group Ltd.         118         3           CNH Industrial NV         853         12         EBOS Group Ltd.         118         3           Davide Campari-Milano NV         423         6         Fisher & Paykel Healthcare Corp. Ltd.         419         6           DiaSorin SpA         21         2         Mercury NZ Ltd.         501         2           Enel SpA         6,590         44         Meridian Energy Ltd.         905         3           Eni SpA         2,035         29         Spark New Zealand Ltd.         1,361         4           EXOR NV         183         16         23	Wikidolii Eta. (o)	40		Wolters Kluwer NV	210	27
Amplifon SpA         101         4         New Zealand (0.0%)‡           Assicurazioni Generali SpA         907         18         Auckland International Airport Ltd. (e)         916         5           CNH Industrial NV         853         12         EBOS Group Ltd.         118         3           Davide Campari-Milano NV         423         6         Fisher & Paykel Healthcare Corp. Ltd.         419         6           DiaSorin SpA         21         2         Mercury NZ Ltd.         501         2           Enel SpA         6,590         44         Meridian Energy Ltd.         905         3           Eni SpA         2,035         29         Spark New Zealand Ltd.         1,361         4           EXOR NV         183         16         23	Italy (0.7%)					753
Assicurazioni Generali SpA         907         18         Auckland International Airport Ltd. (e)         916         5           CNH Industrial NV         853         12         EBOS Group Ltd.         118         3           Davide Campari-Milano NV         423         6         Fisher & Paykel Healthcare Corp. Ltd.         419         6           DiaSorin SpA         21         2         Mercury NZ Ltd.         501         2           Enel SpA         6,590         44         Meridian Energy Ltd.         905         3           Eni SpA         2,035         29         Spark New Zealand Ltd.         1,361         4           EXOR NV         183         16         23		101	1	New Zealand (0.0%)‡		
CNH Industrial NV         853         12         EBOS Group Ltd.         118         3           Davide Campari-Milano NV         423         6         Fisher & Paykel Healthcare Corp. Ltd.         419         6           DiaSorin SpA         21         2         Mercury NZ Ltd.         501         2           Enel SpA         6,590         44         Meridian Energy Ltd.         905         3           EXOR NV         183         16         Spark New Zealand Ltd.         1,361         4	·			Auckland International Airport Ltd. (e)	916	5
Davide Campari-Milano NV         423         6 Mercury NZ Ltd.         Fisher & Paykel Healthcare Corp. Ltd.         419         6 Mercury NZ Ltd.         501         2           Enel SpA         6,590         44         Meridian Energy Ltd.         905         3           Eni SpA         2,035         29         Spark New Zealand Ltd.         1,361         4           EXOR NV         183         16         23				EBOS Group Ltd.	118	3
DiaSorin SpA         21         2         Mercury NZ Ltd.         501         2           Enel SpA         6,590         44         Meridian Energy Ltd.         905         3           Eni SpA         2,035         29         Spark New Zealand Ltd.         1,361         4           EXOR NV         183         16         23				Fisher & Paykel Healthcare Corp. Ltd.	419	6
Enel SpA       6,590       44       Meridian Energy Ltd.       905       3         Eni SpA       2,035       29       Spark New Zealand Ltd.       1,361       4         EXOR NV       183       16       23				Mercury NZ Ltd.	501	2
Eni SpA       2,035       29       Spark New Zealand Ltd.       1,361       4         EXOR NV       183       16       23	•			Meridian Energy Ltd.	905	3
EXOR NV 183 16 23				Spark New Zealand Ltd.	1,361	4
200 10						23
	Ferrari NV	102	33			

		Value		•	
N (0.40()	Shares	(000)	0: 0.104	Shares	
Norway (0.1%)			CaixaBank SA	12,083	\$
Adevinta ASA (e)	241	\$ 2	Cellnex Telecom SA (e)	322	
Aker BP ASA	256	6	Corp. ACCIONA Energias Renovables SA	40	
DNB Bank ASA	743	14	Enagas SA	143	
Equinor ASA	762	22	Endesa SA	184	
Gjensidige Forsikring ASA	161	3	Ferrovial SE	281	
Kongsberg Gruppen ASA	71	3	Grifols SA (e)	174	
Mowi ASA	331	5	Iberdrola SA	3,504	
Norsk Hydro ASA	1,097	6	Industria de Diseno Textil SA	626	
Orkla ASA	585	4	Naturgy Energy Group SA	84	
Salmar ASA	52	2	Redeia Corp. SA	234	
Telenor ASA	557	6	Repsol SA	799	
Yara International ASA	133	5	Siemens Gamesa Renewable Energy SA (e)	142	
Tara international ASA	155	78	Telefonica SA	3,001	
10 vt 1 /0 00/ \t		70	C 10 E0/1		
Portugal (0.0%)‡	2.076	10	Sweden (0.5%) Alfa Laval AB	228	
EDP — Energias de Portugal SA EDP Renovaveis SA	2,076 181	10	Assa Abloy AB, Class B	791	
		4			
Galp Energia SGPS SA	357	4	Atlas Copco AB, Class A Boliden AB	3,248 218	
Jeronimo Martins SGPS SA	208	6	Electrolux AB. Class B	184	
		24	Embracer Group AB (e)	552	
Singapore (0.2%)			Epiroc AB, Class A	825	
CapitaLand Ascendas REIT	2,400	5	EQT AB	282	
CapitaLand Ascott Trust REIT	106	_@	Essity AB, Class B	202 457	
CapitaLand Integrated Commercial Trust REIT	3,773	5	Essity AB, Glass B Evolution AB	140	
-		5	Fastighets AB Balder, Class B (e)	549	
Capitaland Investment Ltd.	1,869			187	
City Developments Ltd.	303	2	Getinge AB, Class B	564	
DBS Group Holdings Ltd.	1,294	30	H & M Hennes & Mauritz AB, Class B	1,505	
Genting Singapore Ltd.	4,362	3	Hexagon AB, Class B	1,505	
Grab Holdings Ltd., Class A (e)	924	3	Holmen AB, Class B	366	
Jardine Cycle & Carriage Ltd.	71	2	Husqvarna AB, Class B	237	
Keppel Corp. Ltd.	1,022	5	Industrivarden AB, Class A	237	
Mapletree Logistics Trust REIT	2,388	3	Indutrade AB		
Mapletree Pan Asia Commercial Trust REIT	1,691	2	Investment AB Latour, Class B	129	
Oversea-Chinese Banking Corp. Ltd.	2,404	22	Investor AB, Class A	1,767	
Sea Ltd. ADR (e)	262	15	Kinnevik AB, Class B (e)	205	
Seatrium Ltd. (e)	32,877	3	L E Lundbergforetagen AB, Class B	65	
Singapore Airlines Ltd.	955	5	Lifco AB, Class B	193	
Singapore Exchange Ltd.		4	Nibe Industrier AB, Class B	1,142	
3.	614	•	Nordea Bank Abp	2,495	
Singapore Technologies Engineering Ltd.	1,126	3	Sagax AB, Class B	165	
Singapore Telecommunications Ltd.	5,910	11	Sandvik AB	824	
United Overseas Bank Ltd.	843	17	Skandinaviska Enskilda Banken AB, Class A	1,310	
UOL Group Ltd.	335	2	Skanska AB, Class B	288	
Venture Corp. Ltd.	198	2	SKF AB, Class B	308	
Wilmar International Ltd.	1,383	4	Svenska Cellulosa AB SCA, Class B	476	
		153	Svenska Handelsbanken AB, Class A	1,112	
main (0.69/)		100	Swedbank AB, Class A	682	
pain (0.6%)		•	Swedish Orphan Biovitrum AB (e)	139	
Acciona SA	14	2	Tele2 AB, Class B	471	
ACS Actividades de Construccion y Servicios SA	125	4	Telefonaktiebolaget LM Ericsson, Class B	2,183	
Aena SME SA	43	7	Telia Co. AB	2,075	
Amadeus IT Group SA (e)	263	20	Volvo AB, Class A	1,431	
Banco Bilbao Vizcaya Argentaria SA	17,458	134	Volvo Car AB, Class B (e)	519	
Banco Santander SA	46,101	171			

	Shares	Value (000)		Shares	Value (000)	
Switzerland (1.5%)		<u> </u>	Auto Trader Group PLC	808	\$ 6	
ABB Ltd. (Registered)	1,269	\$ 50	Aviva PLC	2,313	12	
Adecco Group AG (Registered)	130	4	BAE Systems PLC	2,528	30	
Alcon, Inc.	403	33	Barclays PLC	12,842	25	
Bachem Holding AG	27	2	Barratt Developments PLC	879	5	
Baloise Holding AG (Registered)	37	5	Berkeley Group Holdings PLC	95	5	
Banque Cantonale Vaudoise (Registered)	24	3	BP PLC	14,766	86	
Barry Callebaut AG (Registered)	3	6	British American Tobacco PLC	1,755	58	
BKW AG	17	3	British Land Co. PLC REIT	773	3	
Chocoladefabriken Lindt & Sprungli AG	1	13	BT Group PLC	5,693	9	
Cie Financiere Richemont SA (Registered)	414	70	Bunzl PLC	278	11	
Clariant AG (Registered) (e)	182	3	Burberry Group PLC	327	9	
EMS-Chemie Holding AG (Registered)	6	5	Coca-Cola HBC AG (e)	170	5	
Geberit AG (Registered)	29	15	Compass Group PLC	1,418	40	
Givaudan SA (Registered)	8	27	Croda International PLC	118	8	
Holcim AG (Registered) (e)	452	31	DCC PLC	84	5	
Julius Baer Group Ltd.	172	11	Diageo PLC	1,855	80	
Kuehne & Nagel International AG (Registered)	44	13	Dowlais Group PLC (e)	1,187	2	
Logitech International SA (Registered)	136	8	Entain PLC	496	8	
Lonza Group AG (Registered)	58	35	Evraz PLC (e)	464	_	
Nestle SA (Registered)	2,159	260	Experian PLC	760	29	
Novartis AG (Registered)	1,697	171	G4S Ltd. (e)	2,164	7	
Partners Group Holding AG	18	17	Glencore PLC	8,584	49	
Roche Holding AG	20	7	GSK PLC	3,310	59	
Roche Holding AG (Genusschein)	549	168	Haleon PLC	4,106	17	
Schindler Holding AG	34	8	Halma PLC	327	9	
Schindler Holding AG (Registered)	19	4	Hargreaves Lansdown PLC	313	3	
SGS SA (Registered)	121	11	Hikma Pharmaceuticals PLC	142	3	
SIG Group AG (e)	241	7	HSBC Holdings PLC	16,383	130	
Sika AG (Registered)	120	34	Imperial Brands PLC	738	16	
Sonova Holding AG (Registered)	42	11	Informa PLC	1,184	11	
Straumann Holding AG (Registered)	88	14	InterContinental Hotels Group PLC	145	10	
Swatch Group AG	22	6	Intertek Group PLC	138	7	
Swatch Group AG (Registered)	43	2	J Sainsbury PLC	1,489	5	
Swiss Life Holding AG (Registered)	23	14	JD Sports Fashion PLC	2,266	4	
Swiss Prime Site AG (Registered)	61	5	Johnson Matthey PLC	162	4	
Swiss Re AG	241	24	Kingfisher PLC	1,699	5	
Swisscom AG (Registered)	19	12	Land Securities Group PLC REIT	603	4	
Temenos AG (Registered)	53	4	Legal & General Group PLC	4,947	14	
UBS Group AG (Registered)	2,774	56	Lloyds Banking Group PLC	54,920	30	
VAT Group AG	21	9	London Stock Exchange Group PLC	310	33	
Zurich Insurance Group AG	119	57	M&G PLC	1,893	5	
Zurion modification discapina		1,238	Melrose Industries PLC	1,161	7	
11 : 11/2 1 (0.00/)		1,230	Mondi PLC	415	6	
United Kingdom (2.3%)	000	20	National Grid PLC	2,970	39	
3i Group PLC	803	20	NatWest Group PLC	4,386	13	
abrdn PLC	1,741	5	Next PLC	111	10	
Admiral Group PLC	154	4	Ocado Group PLC (e)	507	4	
Anglo American PLC	1,061	30	Paragon Offshore PLC (e)(f)	67	_	
Antofagasta PLC	340	6	Pearson PLC	551	6	
Ashtead Group PLC	373	26	Persimmon PLC	280	4	
Associated British Foods PLC	300	8	Phoenix Group Holdings PLC	652	4	
AstraZeneca PLC	1,254	180	Prudential PLC	2,272	32	
Atlassian Corp., Class A (e)	65	11		-,-,-	32	

	Shares	Value (000)		Shares	Value (000)
United Kingdom (cont'd)			Amazon.com, Inc. (e)	3,285	\$ 428
Reckitt Benckiser Group PLC	587	\$ 44	Amcor PLC	615	6
RELX PLC (LSE)	1,570	52	Ameren Corp.	104	9
Rentokil Initial PLC	2,079	16	American Electric Power Co., Inc.	205	17
Rio Tinto PLC	938	60	American Express Co.	264	46
Rolls-Royce Holdings PLC (e)	6,873	13	American Financial Group, Inc.	30	4
Sage Group PLC	866	10	American Homes 4 Rent, Class A REIT	130	5
Schroders PLC	775	4	American International Group, Inc.	307	18
Segro PLC REIT	1,041	10	American Tower Corp. REIT	189	37
Severn Trent PLC	209	7	American Water Works Co., Inc.	78	11
Shell PLC	5,797	173	Ameriprise Financial, Inc.	44	15
Smith & Nephew PLC	717	12	AmerisourceBergen Corp.	62	12
Smiths Group PLC	301	6	AMETEK, Inc.	96	16
Spirax-Sarco Engineering PLC	64	8	Amgen, Inc.	215	48
SSE PLC	881	21	Amphenol Corp., Class A	248	21
St. James's Place PLC	470	7	Analog Devices, Inc.	215	42
Standard Chartered PLC	2,020	18	Annaly Capital Management, Inc. REIT	192	4
Taylor Wimpey PLC	3,099	4	ANSYS, Inc. (e)	36	12
Tesco PLC	6,136	19	And PLC, Class A	84	29
Unilever PLC CVA	2,082	108	APA Corp.	135	5
United Utilities Group PLC	561	7	Apollo Global Management, Inc.	170	13
Vodafone Group PLC	21,547	20	Apple, Inc.	5,421	1,052
Whitbread PLC	170	7	Applied Materials, Inc.	365	53
WPP PLC	920	10	Applied Materials, Inc. Aptiv PLC (e)	114	12
WPP PLC	920		Aptiv FLC (e) Aramark	96	4
		1,912	Arch Capital Group Ltd. (e)	152	11
United States (20.3%)			Archer-Daniels-Midland Co.	226	17
3M Co.	227	23	Archer Daniels-Wildland Co.  Ares Management Corp., Class A	66	6
A O Smith Corp.	53	4	Arista Networks, Inc. (e)	102	17
Abbott Laboratories	714	78	•	26	4
AbbVie, Inc.	720	97	Arrow Electronics, Inc. (e)	26 86	19
Accenture PLC, Class A	262	81	Arthur J Gallagher & Co.		
Activision Blizzard, Inc. (e)	321	27	Aspen Technology, Inc. (e)	12 22	2
Adobe, Inc. (e)	194	95	Assurant, Inc.		3
Advance Auto Parts, Inc.	25	2	AT&T, Inc.	2,410	38
Advanced Micro Devices, Inc. (e)	692	79	Atmos Energy Corp.	57	7
AECOM	54	5	Autodesk, Inc. (e)	91	19
AES Corp.	273	6	Automatic Data Processing, Inc.	171	38
Aflac, Inc.	241	17	AutoZone, Inc. (e)	8	20
Agilent Technologies, Inc.	121	15	AvalonBay Communities, Inc. REIT	57	11
Air Products & Chemicals, Inc.	91	27	Avantor, Inc. (e)	278	6
Airbnb, Inc., Class A (e)	165	21	Avery Dennison Corp.	33	6
Akamai Technologies, Inc. (e)	65	6	Axon Enterprise, Inc. (e)	29	6
Albemarle Corp.	52	12	Baker Hughes Co.	414	13
Alcoa Corp.	75	3	Ball Corp.	130	8
Alexandria Real Estate Equities, Inc. REIT	64	7	Bank of America Corp.	2,419	69
Align Technology, Inc. (e)	32	11	Bank of New York Mellon Corp.	315	14
Allegion PLC	36	4	Bath & Body Works, Inc.	97	4
Alliant Energy Corp.	101	5	Baxter International, Inc.	203	9
Allstate Corp.	108	12	Becton Dickinson & Co.	115	30
Ally Financial, Inc.	125	3	Bentley Systems, Inc., Class B	82	4
Alnylam Pharmaceuticals, Inc. (e)	51	10	Berkshire Hathaway, Inc., Class B (e)	535	182
Alphabet, Inc., Class A (e)	3,939	474	Best Buy Co., Inc.	85	7
Altria Group, Inc.	736	33	Bills Holdings, Inc. (e)	42	5

	Shares	Value (000)		Shares	Value (000)	
United States (cont'd)		<u> </u>	Church & Dwight Co., Inc.	99	\$ 10	
Biogen, Inc. (e)	58	\$ 17	Cigna Group	123	35	
BioMarin Pharmaceutical, Inc. (e)	76	7	Cincinnati Financial Corp.	62	6	
Bio-Rad Laboratories, Inc., Class A (e)	9	3	Cintas Corp.	37	18	
Bio-Techne Corp.	65	5	Cisco Systems, Inc.	1,486	77	
Black Knight, Inc. (e)	64	4	Citigroup, Inc.	807	37	
BlackRock, Inc.	62	43	Citizens Financial Group, Inc.	208	5	
Blackstone, Inc.	294	27	Clarivate PLC (e)	124	1	
Block, Inc., Class A (e)	226	15	Cleveland-Cliffs, Inc. (e)	219	4	
Boeing Co. (e)	237	50	Clorox Co.	50	8	
Booking Holdings, Inc. (e)	16	43	Cloudflare, Inc., Class A (e)	114	7	
Booz Allen Hamilton Holding Corp.	54	6	CME Group, Inc.	147	27	
BorgWarner, Inc.	98	5	CMS Energy Corp.	118	7	
Boston Properties, Inc. REIT	62	4	Coca-Cola Co.	1,668	100	
Boston Scientific Corp. (e)	582	31	Cognex Corp.	72	4	
Bristol-Myers Squibb Co.	862	55	Cognizant Technology Solutions Corp., Class A	211	14	
Broadcom, Inc.	173	150	Coinbase Global, Inc., Class A (e)	54	4	
Broadridge Financial Solutions, Inc.	49	8	Colgate-Palmolive Co.	321	25	
Brown & Brown, Inc.	98	7	Comcast Corp., Class A	1,763	73	
Brown-Forman Corp., Class B	126	8	Conagra Brands, Inc.	193	7	
Bunge Ltd.	63	6	ConocoPhillips	511	53	
Burlington Stores, Inc. (e)	28	4	Consolidated Edison, Inc.	143	13	
Cadence Design Systems, Inc. (e)	115	27	Constellation Brands, Inc., Class A	67	17	
Caesars Entertainment, Inc. (e)	93	5	Constellation Energy Corp.	133	12	
Camden Property Trust REIT	42	5	Contra Abiomed, Inc. (e)	14	@	
Campbell Soup Co.	85	4	Cooper Cos., Inc.	20	8	
Capital One Financial Corp.	163	18	Copart, Inc. (e)	177	16	
Cardinal Health, Inc.	106	10	Corning, Inc.	331	12	
Carlisle Cos., Inc.	22	6	Corteva, Inc.	294	17	
Carlyle Group, Inc.	84	3	CoStar Group, Inc. (e)	168	15	
CarMax, Inc. (e)	67	6	Costco Wholesale Corp.	182	98	
Carnival Corp. (e)	420	8	Coterra Energy, Inc.	326	8	
Carrier Global Corp.	345	17	Crowdstrike Holdings, Inc., Class A (e)	91	13	
Catalent, Inc. (e)	71	3	Crown Castle, Inc. REIT	177	20	
Caterpillar, Inc.	216	53	Crown Holdings, Inc.	50	4	
Cboe Global Markets, Inc.	44	6	CSX Corp.	868	30	
CBRE Group, Inc., Class A (e)	132	11	Cummins, Inc.	60	15	
CDW Corp.	56	10	CVS Health Corp.	535	37	
Celanese Corp.	45	5	Danaher Corp.	284	68	
Centene Corp. (e)	229	15	Darden Restaurants, Inc.	50	8	
CenterPoint Energy, Inc.	253	7	Darling Ingredients, Inc. (e)	67	4	
Ceridian HCM Holding, Inc. (e)	59	4	Datadog, Inc., Class A (e)	109	11	
CF Industries Holdings, Inc.	82	6	DaVita, Inc. (e)	22	2	
CH Robinson Worldwide, Inc.	49	5	Deere & Co.	122	49	
Charles River Laboratories International, Inc. (e)	21	4	Dell Technologies, Inc., Class C	107	6	
Charles Schwab Corp.	614	35	Delta Air Lines, Inc. (e)	67	3	
Charter Communications, Inc., Class A (e)	45	17	Dentsply Sirona, Inc.	88	4	
Cheniere Energy, Inc.	92	14	Devon Energy Corp.	257	12	
Chesapeake Energy Corp.	47	4	Dexcom, Inc. (e)	161	21	
Chevron Corp.	757	119	Diamondback Energy, Inc.	69	9	
Chewy, Inc., Class A (e)	41	2	Digital Realty Trust, Inc. REIT	119	14	
Chipotle Mexican Grill, Inc. (e)	12	26	Discover Financial Services	115	13	
Chubb Ltd.	170	33	DISH Network Corp., Class A (e)	103	1	

	Shares	Value (000)		Shares		
United States (cont'd)			Fair Isaac Corp. (e)	10	( <b>000</b> ) \$ 8	
DocuSign, Inc. (e)	86	\$ 4	Fastenal Co.	239	14	
Dollar General Corp.	93	16	FedEx Corp.	100	25	
Dollar Tree, Inc. (e)	91	13	Ferguson PLC	87	14	
Dominion Energy, Inc.	336	17	Fidelity National Financial, Inc.	106	4	
Domino's Pizza, Inc.	15	5	Fidelity National Information Services, Inc.	244	13	
DoorDash, Inc., Class A (e)	102	8	Fifth Third Bancorp	285	7	
Dover Corp.	59	9	First Citizens BancShares, Inc., Class A	4	5	
Dow, Inc.	291	16	First Horizon Corp.	223	3	
DR Horton, Inc.	135	16	First Republic Bank	76	_(	
Dropbox, Inc., Class A (e)	114	3	First Solar, Inc. (e)	41	8	
DTE Energy Co.	78	9	FirstEnergy Corp.	218	8	
Duke Energy Corp.	310	28	Fiserv, Inc. (e)	248	31	
DuPont de Nemours, Inc.	206	15	FleetCor Technologies, Inc. (e)	29	7	
Dynatrace, Inc. (e)	93	5	FMC Corp.	52	5	
Eastman Chemical Co.	50	4	Ford Motor Co.	1,681	25	
	166	33	Fortinet, Inc. (e)	277	21	
Eaton Corp. PLC	226		-	139	10	
eBay, Inc.		10	Fortive Corp. Fortune Brands Innovations, Inc.	53		
Ecolab, Inc.	105	20	•		4	
Edison International	154	11	Fox Corp., Class A	186	6	
Edwards Lifesciences Corp. (e)	255	24	Franklin Resources, Inc.	125	3	
Elanco Animal Health, Inc. (e)	174	2	Freeport-McMoRan, Inc.	596	24	
Electronic Arts, Inc.	114	15	Gaming and Leisure Properties, Inc. REIT	106	5	
Elevance Health, Inc.	97	43	Garmin Ltd.	64	7	
Eli Lilly & Co.	325	152	Gartner, Inc. (e)	32	11	
Emerson Electric Co.	246	22	GE HealthCare Technologies, Inc.	151	12	
Enphase Energy, Inc. (e)	59	10	Gen Digital, Inc.	241	4	
Entegris, Inc.	63	7	Generac Holdings, Inc. (e)	27	4	
Entergy Corp.	82	8	General Dynamics Corp.	919	198	
EOG Resources, Inc.	245	28	General Electric Co.	454	50	
EPAM Systems, Inc. (e)	24	5	General Mills, Inc.	241	19	
EQT Corp.	139	6	General Motors Co.	604	23	
Equifax, Inc.	50	12	Genuine Parts Co.	59	10	
Equinix, Inc. REIT	38	30	Gilead Sciences, Inc.	507	39	
Equitable Holdings, Inc.	155	4	Global Payments, Inc.	111	11	
Equity Lifestyle Properties, Inc. REIT	72	5	Globe Life, Inc.	38	4	
Equity Residential REIT	148	10	GoDaddy, Inc., Class A (e)	64	5	
Erie Indemnity Co., Class A	10	2	Goldman Sachs Group, Inc.	140	45	
Essential Utilities, Inc.	100	4	Graco, Inc.	70	6	
Essex Property Trust, Inc. REIT	27	6	Halliburton Co.	380	13	
Estee Lauder Cos., Inc., Class A	95	19	Hartford Financial Services Group, Inc.	131	9	
Etsy, Inc. (e)	54	5	Hasbro, Inc.	54	4	
Everest Re Group Ltd.	16	5	HCA Healthcare, Inc.	86	26	
Evergy, Inc.	92	5	Healthcare Realty Trust, Inc. REIT	158	3	
Eversource Energy	140	10	Healthpeak Properties, Inc. REIT	223	4	
Exact Sciences Corp. (e)	75	7	HEICO Corp.	49	7	
Exelon Corp.	398	16	Henry Schein, Inc. (e)	55	4	
Expedia Group, Inc. (e)	64	7	Hershey Co.	60	15	
Expeditors International of Washington, Inc.	66	8	Hess Corp.	115	16	
Extra Space Storage, Inc. REIT	55	8	Hewlett Packard Enterprise Co.	533	9	
Exxon Mobil Corp.	1,694	182	HF Sinclair Corp.	60	3	
F5, Inc. (e)	25	4	Hilton Worldwide Holdings, Inc.	112	16	
Factset Research Systems, Inc.	16	6	Hologic, Inc. (e)	100	8	

	Shares	Value (000)		Shares	Value (000)
United States (cont'd)			L3Harris Technologies, Inc.	733	\$ 144
Home Depot, Inc.	425	\$ 132	Laboratory Corp. of America Holdings	36	9
Honeywell International, Inc.	277	57	Lam Research Corp.	58	37
Horizon Therapeutics PLC (e)	88	9	Lamb Weston Holdings, Inc.	59	7
Hormel Foods Corp.	124	5	Las Vegas Sands Corp. (e)	145	8
Host Hotels & Resorts, Inc. REIT	294	5	Lear Corp.	25	4
Howmet Aerospace, Inc.	152	8	Leidos Holdings, Inc.	53	5
HP, Inc.	415	13	Lennar Corp., Class A	105	13
Hubbell, Inc.	23	8	Lennox International, Inc.	13	4
HubSpot, Inc. (e)	20	11	Liberty Broadband Corp., Class C (e)	49	4
Humana, Inc.	52	23	Liberty Global PLC Series C (e)	175	3
Huntington Bancshares, Inc.	500	5	Liberty Media CorpLiberty Formula One,		
Huntington Ingalls Industries, Inc.	138	31	Class C (e)	80	6
IDEX Corp.	31	7	Liberty Media CorpLiberty SiriusXM, Class A (e)	99	3
IDEXX Laboratories, Inc. (e)	34	17	Linde PLC	205	78
Illinois Tool Works, Inc.	128	32	Live Nation Entertainment, Inc. (e)	72	7
Illumina, Inc. (e)	65	12	LKQ Corp.	106	6
Incyte Corp. (e)	76	5	Lockheed Martin Corp.	736	339
Ingersoll Rand, Inc.	168	11	Loews Corp.	83	5
Insulet Corp. (e)	29	8	Lowe's Cos., Inc.	252	57
Intel Corp.	1,526	51	LPL Financial Holdings, Inc.	33	7
Intercontinental Exchange, Inc.	229	26	Lucid Group, Inc. (e)	181	1
International Business Machines Corp.	369	49	Lululemon Athletica, Inc. (e)	48	18
International Flavors & Fragrances, Inc.	105	8	LyondellBasell Industries NV, Class A	108	10
International Paper Co.	139	4	M&T Bank Corp.	71	9
Interpublic Group of Cos., Inc.	165	6	Marathon Oil Corp.	265	6
Intuit, Inc.	112	51	Marathon Petroleum Corp.	187	22
Intuiti, Inc. Intuitive Surgical, Inc. (e)	144	49	Markel Group, Inc. (e)	6	8
Invesco Ltd.	144	2	MarketAxess Holdings, Inc.	18	5
Invitation Homes, Inc. REIT	251	9	Marriott International, Inc., Class A	112	21
	77	17	Marsh & McLennan Cos., Inc.	202	38
IQVIA Holdings, Inc. (e) Iron Mountain, Inc. REIT	120	7	Martin Marietta Materials, Inc.	26	12
J M Smucker Co.	43	6	Marvell Technology, Inc.	361	22
Jack Henry & Associates, Inc.	30	5	Masco Corp.	94	5
	50 52	6	Masimo Corp. (e)	21	3
Jacobs Solutions, Inc. Jazz Pharmaceuticals PLC (e)	26	3	Mastercard, Inc., Class A	354	139
	34	5 6	Match Group, Inc. (e)	120	5
JB Hunt Transport Services, Inc.			McCormick & Co., Inc.	102	9
Johnson & Johnson	1,041	172	McDonald's Corp.	299	89
Johnson Controls International PLC	287	20	McKesson Corp.	57	24
JPMorgan Chase & Co.	1,118	163	Medical Properties Trust, Inc. REIT	247	2
Juniper Networks, Inc.	134	4	Medtronic PLC	544	48
Kellogg Co.	104	7	MercadoLibre, Inc. (e)	19	23
Keurig Dr Pepper, Inc.	316	10	Merck & Co., Inc.	1,016	117
KeyCorp	397	4	Meta Platforms, Inc., Class A (e)	940	270
Keysight Technologies, Inc. (e)	74	12	MetLife, Inc.	272	15
Kimberly-Clark Corp.	137	19	Mettler-Toledo International, Inc. (e)	9	12
Kimco Realty Corp. REIT	257	5	MGM Resorts International	130	6
Kinder Morgan, Inc.	832	14	Microchip Technology, Inc.	233	21
KKR & Co., Inc.	238	13	. 637	255 455	29
KLA Corp.	60	29	Microsoft Corp.		
Knight-Swift Transportation Holdings, Inc.	63	4	Microsoft Corp.	2,442	832
Kraft Heinz Co.	298	11	Mid-America Apartment Communities, Inc. REIT	47 120	7 17
Kroger Co.	288	14	Moderna, Inc. (e)	138	1/

	Shares	Value (000)		Shares	Value (000)	
United States (cont'd)		<u>.</u> _	Pentair PLC	69	\$ 4	
Mohawk Industries, Inc. (e)	21	\$ 2	PepsiCo, Inc.	557	103	
Molina Healthcare, Inc. (e)	23	7	Pfizer, Inc.	1,857	68	
Molson Coors Beverage Co., Class B	78	5	PG&E Corp. (e)	609	11	
Mondelez International, Inc., Class A	554	40	Philip Morris International, Inc.	632	62	
MongoDB, Inc. (e)	31	13	Phillips 66	190	18	
Monolithic Power Systems, Inc.	19	10	Pinterest, Inc., Class A (e)	245	7	
Monster Beverage Corp. (e)	320	18	Pioneer Natural Resources Co.	94	19	
Moody's Corp.	68	24	Plug Power, Inc. (e)	233	2	
Mosaic Co.	140	5	PNC Financial Services Group, Inc.	168	21	
Motorola Solutions, Inc.	69	20	Pool Corp.	16	6	
MSCI, Inc.	33	16	PPG Industries, Inc.	97	14	
Nasdaq, Inc.	142	7	PPL Corp.	296	8	
NetApp, Inc.	90	7	Principal Financial Group, Inc.	101	8	
Netflix, Inc. (e)	188	83	Procter & Gamble Co.	763	116	
Neurocrine Biosciences, Inc. (e)	39	4	Progressive Corp.	238	32	
	164		Prologis, Inc. REIT	382	47	
Newell Brands, Inc.		1	Prudential Financial. Inc.	152	13	
Newmont Corp. (TSX)	325	14		46		
News Corp., Class A	159	3	PTC, Inc. (e)		7	
NextEra Energy, Inc.	804	60	Public Service Enterprise Group, Inc.	201	13	
NIKE, Inc., Class B	530	59	Public Storage REIT	65	19	
NiSource, Inc.	163	4	Pulte Group, Inc.	94	7	
Nordson Corp.	21	5	Qorvo, Inc. (e)	43	4	
Norfolk Southern Corp.	95	22	QUALCOMM, Inc.	463	55	
Northern Trust Corp.	81	6	Quanta Services, Inc.	60	12	
Northrop Grumman Corp.	514	234	Quest Diagnostics, Inc.	46	6	
Novocure Ltd. (e)	39	2	Raymond James Financial, Inc.	81	8	
NRG Energy, Inc.	94	4	Raytheon Technologies Corp.	4,225	414	
Nucor Corp.	105	17	Realty Income Corp. REIT	257	15	
NVIDIA Corp.	1,048	443	Regency Centers Corp. REIT	64	4	
NVR, Inc. (e)	1	6	Regeneron Pharmaceuticals, Inc. (e)	43	31	
NXP Semiconductors NV	109	22	Regions Financial Corp.	388	7	
Occidental Petroleum Corp.	303	18	Reliance Steel & Aluminum Co.	24	7	
Okta, Inc. (e)	66	5	Repligen Corp. (e)	22	3	
Old Dominion Freight Line, Inc.	39	14	Republic Services, Inc.	91	14	
Omnicom Group, Inc.	86	8	ResMed, Inc.	60	13	
ON Semiconductor Corp. (e)	184	17	Revvity, Inc.	51	6	
ONEOK, Inc.	183	11	Rivian Automotive, Inc., Class A (e)	140	2	
Oracle Corp.	665	79	Robert Half International, Inc.	46	3	
O'Reilly Automotive, Inc. (e)	26	25	ROBLOX Corp., Class A (e)	152	6	
Otis Worldwide Corp.	173	15	Rockwell Automation, Inc.	48	16	
Ovintiv, Inc.	104	4	Roku, Inc. (e)	53	3	
Owens Corning	38	5	Rollins, Inc.	89	4	
PACCAR, Inc.	223	19	Roper Technologies, Inc.	44	21	
Packaging Corp. of America	38	5	Ross Stores, Inc.	145	16	
Palantir Technologies, Inc., Class A (e)	726	11	Royal Caribbean Cruises Ltd. (e)	97	10	
Palo Alto Networks, Inc. (e)	127	32	Royalty Pharma PLC, Class A	144	4	
Paramount Global, Class B	257	4	RPM International, Inc.	54	5	
Parker Hannifin Corp.	54	21	S&P Global, Inc.	137	55	
Paychex, Inc.	134	15	Salesforce, Inc. (e)	417	88	
Paycom Software, Inc.	22	7	SBA Communications Corp. REIT	44	10	
Paylocity Holding Corp. (e)	18	3	Schlumberger NV	587	29	
PayPal Holdings, Inc. (e)	457	31	Seagate Technology Holdings PLC	82	5	

	Shares	Value (000)		Shares	Value (000)
United States (cont'd)			Trimble, Inc. (e)	103	\$ 5
Seagen, Inc. (e)	57	\$ 11	Truist Financial Corp.	552	17
Sealed Air Corp.	60	2	Twilio, Inc., Class A (e)	78	5
SEI Investments Co.	47	3	Tyler Technologies, Inc. (e)	18	8
Sempra Energy	127	19	Tyson Foods, Inc., Class A	118	6
Sensata Technologies Holding PLC	64	3	Uber Technologies, Inc. (e)	631	27
ServiceNow, Inc. (e)	86	48	UDR, Inc. REIT	135	6
Sherwin-Williams Co.	102	27	UGI Corp.	85	2
Simon Property Group, Inc. REIT	137	16	U-Haul Holding Co.	36	2
Sirius XM Holdings, Inc.	323	1	Ulta Beauty, Inc. (e)	21	10
Skyworks Solutions, Inc.	67	7	Union Pacific Corp.	254	52
Snap, Inc., Class A (e)	473	6	United Parcel Service, Inc., Class B	299	54
Snap-on, Inc.	22	6	United Rentals, Inc.	29	13
Snowflake, Inc., Class A (e)	98	17	United Therapeutics Corp. (e)	18	4
SolarEdge Technologies, Inc. (e)	24	6	UnitedHealth Group, Inc.	374	180
Southern Co.	440	31	Unity Software, Inc. (e)	112	5
Southwest Airlines Co.	61	2	Universal Health Services, Inc., Class B	27	4
Splunk, Inc. (e)	69	7	US Bancorp	584	19
SS&C Technologies Holdings, Inc.	94	6	Vail Resorts, Inc.	17	4
Stanley Black & Decker, Inc.	63	6	Valero Energy Corp.	152	18
Starbucks Corp.	470	47	Veeva Systems, Inc., Class A (e)	58	11
State Street Corp.	151	11	Ventas, Inc. REIT	164	8
Steel Dynamics, Inc.	72	8	VeriSign, Inc. (e)	39	9
Steris PLC	41	9	Verisk Analytics, Inc.	64	14
Stryker Corp.	139	42	Verizon Communications, Inc.	1,718	64
Sun Communities, Inc. REIT	51	7	Vertex Pharmaceuticals, Inc. (e)	104	37
Synchrony Financial	190	6	VF Corp.	142	3
Synopsys, Inc. (e)	64	28	Viatris, Inc.	492	5
Sysco Corp.	209	16	VICI Properties, Inc. REIT	395	12
T Rowe Price Group, Inc.	93	10	Visa, Inc., Class A	670	159
Take-Two Interactive Software, Inc. (e)	70	10	Vistra Corp.	146	4
Targa Resources Corp.	89	7	VMware, Inc., Class A (e)	87	13
Target Corp.	191	25	Vulcan Materials Co.	56	13
TE Connectivity Ltd.	132	19	W R Berkley Corp.	87	5
Teledyne Technologies, Inc. (e)	19	8	Walgreens Boots Alliance, Inc.	301	9
Teleflex, Inc.	19	5	Walmart, Inc.	607	95
Teradyne, Inc.	66	7	Walt Disney Co. (e)	754	67
Tesla, Inc. (e)	1,152	302	Warner Bros Discovery, Inc. (e)	973	12
Texas Instruments, Inc.	380	68	Waste Connections, Inc.	106	15
Texas Pacific Land Corp.	3	4	Waste Management, Inc.	169	29
Textron, Inc.	87	6	Waters Corp. (e)	24	6
Thermo Fisher Scientific, Inc.	161	84	Webster Financial Corp.	74	3
TJX Cos., Inc.	479	41	WEC Energy Group, Inc.	127	11
T-Mobile US, Inc. (e)	252	35	Wells Fargo & Co.	1,376	59
Toast, Inc., Class A (e)	109	2	Welltower, Inc. REIT	192	16
Toro Co.	44	4	West Pharmaceutical Services, Inc.	31	12
Tractor Supply Co.	46	10	Western Digital Corp. (e)	135	5
Trade Desk, Inc., Class A (e)	192	15	Westinghouse Air Brake Technologies Corp.	72	8
Tradeweb Markets, Inc., Class A	50	3	Westlake Corp.	16	2
Trane Technologies PLC	96	18	WestRock Co.	106	3
TransDigm Group, Inc.	21	19	Weyerhaeuser Co. REIT	307	10
TransUnion	80	6	Whirlpool Corp.	23	3
Travelers Cos., Inc.	96	17	Williams Cos., Inc.	502	16

#### **Global Strategist Portfolio**

	Shares	Value (000)		
United States (cont'd)		<u> </u>	@	Value is less than \$500.
Willis Towers Watson PLC	44	\$ 10	‡	Amount is less than 0.05%.
Wolfspeed, Inc. (e)	53	3	(a)	Security is subject to delayed delivery.
Workday, Inc., Class A (e)	86	19	(b)	Floating or variable rate securities: The rates disclosed are as of
WP Carey, Inc. REIT	86	6		June 30, 2023. For securities based on a published reference rate and
WW Grainger, Inc.	19	15		spread, the reference rate and spread are indicated in the description
Wynn Resorts Ltd.	46	5		in the Consolidated Portfolio of Investments. Certain variable rate securities may not be based on a published reference rate and spread
Xcel Energy, Inc.	219	14		but are determined by the issuer or agent and are based on current
Xylem, Inc.	75	8		market conditions. These securities do not indicate a reference rate
Yum! Brands, Inc.	115	16		and spread in their description in the Consolidated Portfolio of
Zebra Technologies Corp., Class A (e)	22	7	(-)	Investments.
Zillow Group, Inc., Class C (e)	65	3	(c)	144A security — Certain conditions for public sale may exist. Unless otherwise noted, these securities are deemed to be liquid.
Zimmer Biomet Holdings, Inc.	86	13	(d)	Perpetual — One or more securities do not have a predetermined
Zoetis, Inc.	191	33	(α)	maturity date. Rates for these securities are fixed for a period of time
Zoom Video Communications, Inc., Class A (e)	95	6		after which they revert to a floating rate. Interest rates in effect are as
Zoomlnfo Technologies, Inc., Class A (e)	114	3		of June 30, 2023.
Zscaler, Inc. (e)	39	6	(e)	Non-income producing security.
		16,731	(f)	At June 30, 2023, the Fund held a fair valued security valued at \$0,
Total Common Stocks (Cost \$23,812)		28,530		representing 0.0% of net assets. This security has been fair valued as determined in good faith under procedures established by and under the general supervision of the Company's (as defined herein) Directors.
	No. of		(g)	Rate shown is the yield to maturity at June 30, 2023.
	Rights		(h)	All or a portion of this security was pledged to cover margin
Rights (0.0%)‡			(,	requirements for swap agreements.
Sweden (0.0%)‡			(i)	Securities are available for collateral in connection with securities
Securitas AB, expires 11/17/23 (Cost \$5)	409	3		purchased on a forward commitment basis, open foreign currency
Fac	ce Amount		(:)	forward exchange contracts, futures contracts and swap agreements.
	(000)		(j)	The approximate fair value and percentage of net assets, \$10,275,000 and 12.5%, respectively, represent the securities that
Short-Term Investments (16.5%)				have been fair valued under the fair valuation policy for international
U.S. Treasury Security (0.8%)				investments as described in Note A-1 within the Notes to Consolidated
U.S. Treasury Bill,				Financial Statements.
5.01%, 11/30/23 (g)(h) (Cost \$663) \$	676	662	(k)	At June 30, 2023, the aggregate cost for federal income tax purposes approximates the aggregate cost for book purposes. The aggregate
	Shares			gross unrealized appreciation is approximately \$8,002,000 and the
Investment Company (15.7%)	Ona. oo			aggregate gross unrealized depreciation is approximately \$7,317,000
Morgan Stanley Institutional Liquidity				resulting in net unrealized appreciation of approximately \$685,000.
Funds — Government Portfolio —			ADR	American Depositary Receipt.
Institutional Class (See Note H)			CDI	CHESS Depositary Interest.
(Cost \$12,892) 1	.2,892,221	12,892	CVA	Certificaten Van Aandelen.
Total Short-Term Investments (Cost \$13,55	5)	13,554		OR Euro Interbank Offered Rate.
Total Investments (98.1%) (Cost \$80,240) (i)(j)(	(k)	80,727	LIBOR	London Interbank Offered Rate.
Other Assets in Excess of Liabilities (1.9%)		1,592	NYSE	London Stock Exchange.  New York Stock Exchange.
Net Assets (100.0%)		\$82,319	OAT	Obligations Assimilables du Trésor (French Treasury Obligation).
Country assignments and aggregations are based a	generally on th		REIT	Real Estate Investment Trust.
dor classifications and information, and may be diff	erent from the	assignments	SOFR	Secured Overnight Financing Rate.
and aggregations under the policies set forth in the			SONIA	
statement of additional information relating to geog	rapriic classific	cauons.	TBA	To Be Announced.

TSX

Toronto Stock Exchange.

#### **Global Strategist Portfolio**

#### **Foreign Currency Forward Exchange Contracts:**

The Fund had the following foreign currency forward exchange contracts open at June 30, 2023:

The Fund had the following foreign currency forward		ontracts		In		Unrealized
		to Deliver		change For	Delivery	Appreciation (Depreciation)
Counterparty		(000)		000)	Date	(000)
Bank of America NA	CNH	2,334	\$	328	9/14/23	\$ 5
Bank of America NA	PLN	67	\$	16	9/14/23	(—@)
Bank of America NA	\$	7	ILS	26	9/14/23	(—@)
Barclays Bank PLC	EUR	188	\$	204	9/14/23	(2)
Barclays Bank PLC	JPY	23,771	\$	172	8/10/23	7
Barclays Bank PLC	MYR	120	\$	26	8/10/23	_@
Barclays Bank PLC	NZD	208	\$	131	8/10/23	3
Barclays Bank PLC	THB	2,330	\$	68	8/10/23	2
Barclays Bank PLC	THB	1,995	\$	58	8/10/23	1
Barclays Bank PLC	\$	321	JPY	44,184	9/14/23	(11)
Barclays Bank PLC	\$	12	MXN	216	8/10/23	_@
Barclays Bank PLC	\$	67	MXN	1,169	9/14/23	1
Barclays Bank PLC	\$	326	SEK	3,469	9/14/23	(3)
BNP Paribas SA	AUD	56	\$	37	8/10/23	<b>—</b> @
BNP Paribas SA	CAD	120	\$	91	9/14/23	(—@)
BNP Paribas SA	DKK	117	\$	17	9/14/23	(—@)
BNP Paribas SA	EUR	194	\$	211	9/14/23	(2)
BNP Paribas SA	EUR	205	\$	225	8/10/23	1
BNP Paribas SA	EUR	52	\$	57	8/10/23	_@
BNP Paribas SA	GBP	37	\$	47	9/14/23	(—@)
BNP Paribas SA		1,344,170	\$	90	8/10/23	_@
BNP Paribas SA	JPY	31,649	\$	223	9/14/23	1
BNP Paribas SA	JPY	9,084	\$	63	8/10/23	(—@)
BNP Paribas SA	NZD	197	\$	122	8/10/23	1
BNP Paribas SA	\$	37	AUD	56	7/5/23	(—@)
BNP Paribas SA	\$	34	AUD	52	9/14/23	_@
BNP Paribas SA	\$	559	CNY	3,842	8/10/23	(28)
BNP Paribas SA	\$	12	COP	50,392	9/14/23	<u>-@</u>
BNP Paribas SA	\$	35		146,725	8/10/23	<b>—</b> @
BNP Paribas SA	\$	56	EUR	52	7/5/23	(—@)
BNP Paribas SA	\$	3	INR	210	9/14/23	_@
BNP Paribas SA	\$	98	JPY	14,058	9/14/23	_@
BNP Paribas SA	\$	729		12,784	9/14/23	8
Citibank NA	CNY	580	\$	83	8/10/23	3
Citibank NA	\$	180	CHF	159	8/10/23	(1)
Citibank NA	\$	71	CNY	500	8/10/23	(2)
Citibank NA	\$	8	CZK	168	9/14/23	—@
Citibank NA	\$	26	ILS	93	9/14/23	(1)
Credit Agricole CIB	\$	77	SGD	101	8/10/23	(2)
Goldman Sachs International	BRL	17,440	\$	3,497	9/14/23	(99)
Goldman Sachs International	BRL	303	\$	62	9/14/23	(—@)
Goldman Sachs International	DKK	11	\$	2	9/14/23	(—@)
Goldman Sachs International	NOK	6	\$	1	9/14/23	<b>—</b> @
Goldman Sachs International	\$	121	AUD	178	9/14/23	(2)
Goldman Sachs International	\$	2,314	BRL	11,333	9/14/23	23
Goldman Sachs International	\$	2,314	CHF	216	9/14/23	2
Goldman Sachs International	\$	17	CLP	13,453	9/14/23	(—@)
Goldman Sachs International	\$	1	HKD	6	9/14/23	(—@)
adiaman dadiis international	\$	56	JPY	7,687	3/17/23	(2)

Foreign Currency Forward Exchange Contracts (cont'd):	Co	ntracts to	Ev.	ln hange		Unrealized
Counterparty	Deliver (000)		Exchange For (000)		Delivery Date	Appreciation (Depreciation (000)
Goldman Sachs International	\$	571	JPY	78,720	9/14/23	\$ (20)
Goldman Sachs International	\$	116	MXN	2,027	9/14/23	1
Goldman Sachs International	\$	13	NOK	141	8/10/23	(—@)
Goldman Sachs International	\$	—@	NOK	4	8/10/23	(—@)
Goldman Sachs International	\$	36	PEN	135	8/10/23	1
Goldman Sachs International	\$	59	PLN	246	8/10/23	2
Goldman Sachs International	\$	56	SEK	597	9/14/23	(1)
HSBC Bank PLC	CHF	77	\$	85	8/10/23	(1)
JPMorgan Chase Bank NA	CNH	683	\$	96	9/14/23	2
JPMorgan Chase Bank NA	EUR	340	\$	372	9/14/23	(1)
JPMorgan Chase Bank NA	EUR	428	\$	468	9/14/23	(1)
JPMorgan Chase Bank NA	EUR	473	\$	517	9/14/23	(1)
JPMorgan Chase Bank NA	EUR	166	\$	182	9/14/23	_@
JPMorgan Chase Bank NA	GBP	98	\$	124	9/14/23	(1)
JPMorgan Chase Bank NA	JPY	2,261	\$	16	8/10/23	1
JPMorgan Chase Bank NA	NZD	705	\$	434	9/14/23	1
JPMorgan Chase Bank NA	NZD	69	\$	42	9/14/23	(—@)
JPMorgan Chase Bank NA	\$	279	AUD	410	9/14/23	(5)
JPMorgan Chase Bank NA	\$	162	CHF	146	9/14/23	1
JPMorgan Chase Bank NA	\$	54	CHF	48	9/14/23	(—@)
JPMorgan Chase Bank NA	\$	35	EUR	31	9/14/23	(—@)
JPMorgan Chase Bank NA	\$	21	GBP	16	9/14/23	(—@)
JPMorgan Chase Bank NA	\$	70	HKD	547	9/14/23	(—@)
JPMorgan Chase Bank NA	\$	477	JPY	63,440	8/10/23	(35)
JPMorgan Chase Bank NA	\$	500	JPY	68,968	9/14/23	(17)
JPMorgan Chase Bank NA	\$	7	JPY	980	8/10/23	(—@)
JPMorgan Chase Bank NA	\$	124	MXN	2,173	9/14/23	1
JPMorgan Chase Bank NA	\$	25	SEK	274	9/14/23	_@
JPMorgan Chase Bank NA	ZAR	19	\$	1	9/14/23	_@
State Street Bank and Trust Co.	\$	<u>@</u>	HKD	1	9/14/23	(—@)
UBS AG	AUD	408	\$	274	8/10/23	2
UBS AG	CNY	18,513	\$	2,621	9/14/23	53
UBS AG	DKK	141	\$	21	8/10/23	<u> </u>
UBS AG	EUR	331	\$	359	9/14/23	(3)
UBS AG	GBP	46	\$	59	8/10/23	—@
UBS AG	HUF	6,262	\$	18	8/10/23	(—@)
UBS AG	HUF	9,734	\$	28	8/10/23	(—@)
UBS AG	HUF	2	\$	<u>—</u> @	8/10/23	(—@)
UBS AG	HUF	6,104	\$	18	8/10/23	(—@)
UBS AG	HUF	1,682	¢	5	8/10/23	(—@)
UBS AG	HUF	2,353	\$ \$	7		( <u>—@</u> ) ( <u>—</u> @)
UBS AG	HUF	2,333 4,657	\$	13	8/10/23 8/10/23	(—@)
UBS AG			Ş			(—@) 2
UBS AG	JPY	,959,425	\$	133 27	8/10/23	
		3,873	\$		8/10/23	(—@)
UBS AG	MXN	3,330	\$	184	8/10/23	(9)
UBS AG	NOK	285	\$	27	9/14/23	_@
UBS AG	NZD	2,162	\$	1,331	9/14/23	4
UBS AG	SGD	69	\$	51	8/10/23	-@
UBS AG	THB	608	\$	18	9/14/23	-@
UBS AG	\$	3	AUD	4	8/10/23	-@

#### **Global Strategist Portfolio**

Foreign Currency Forward Exchange Contracts (cont'd):  Counterparty	De	tracts to liver 00)		In change For 000)	Delivery Date	Unrealized Appreciation (Depreciation) (000)
UBS AG	\$	120	AUD	176	9/14/23	\$ (2)
UBS AG	\$	2	HKD	14	9/14/23	(—@)
UBS AG	\$	26	HUF	9,031	8/10/23	_@
UBS AG	\$	1	HUF	419	9/14/23	_@
UBS AG	\$	4	IDR	64,177	9/14/23	(—@)
UBS AG	\$	27	JPY	3,873	7/5/23	_@
UBS AG	\$	302	KRW	398,634	8/10/23	1
UBS AG	\$	11	KRW	14,584	9/14/23	(—@)
UBS AG	\$	24	KRW	31,891	9/14/23	-@
UBS AG	\$	276	MXN	4,846	9/14/23	3
UBS AG	\$	3	NZD	5	8/10/23	-@
UBS AG	\$	27	RON	122	8/10/23	(—@)
UBS AG	\$	140	SEK	1,421	8/10/23	(8)
UBS AG	\$	19	SEK	205	9/14/23	(—@)
UBS AG	\$	120	THB	4,040	8/10/23	(6)
UBS AG	\$	2	TRY	62	9/14/23	(—@)
UBS AG	\$	14	TWD	419	9/14/23	(—@)
UBS AG	ZAR	327	\$	17	9/14/23	-@
Westpac Banking Corp.	\$	685	EUR	618	8/10/23	(9)
						\$(142)

#### **Futures Contracts:**

The Fund had the following futures contracts open at June 30, 2023:

<b>6</b>	Number of Contracts	f Expiration Amount		ount	Value (000)	Unrealized Appreciation (Depreciation) (000)
Long:						
CAC 40 Index (France)	1	Jul-23	EUR	-@	\$ 81	\$ 2
FTSE MIB Index (Italy)	1	Sep-23		-@	155	5
German Euro-Bobl Index (Germany)	4	Sep-23		400	505	(4)
German Euro-BTP Index (Germany)	3	Sep-23		300	380	5
German Euro-Schatz Index (Germany)	21	Sep-23		2,100	2,403	(17)
Hang Seng Index (Hong Kong)	1	Jul-23	HKD	-@	120	-@
IBEX 35 Index (Spain)	1	Jul-23	EUR	-@	104	3
ICE Brent Crude Oil Index (United Kingdom)	10	Oct-23	\$	10	749	(45)
KFE 10 yr. Treasury Bond (Korea, Republic of)	4	Sep-23	KRW 4	400,000	337	(1)
Long Gilt Index (United Kingdom)	2	Sep-23	GBP	200	242	(3)
Montreal Exchange 10 yr. Canadian Bond (Canada)	1	Sep-23	CAD	100	93	1
SFE 10 yr. Australian Bond (Australia)	25	Sep-23	AUD	2,500	1,935	(17)
SFE S&P ASX Share Price Index 200 (Australia)	1	Sep-23		-@	119	1
SGX MSCI Singapore Index (Singapore)	1	Jul-23	SGD	-@	21	-@
TSE TOPIX Index (Japan)	4	Sep-23	JPY	40	634	19
U.S. Treasury 10 yr. Note (United States)	9	Sep-23	\$	900	1,010	(5)
U.S. Treasury 2 yr. Note (United States)	1	Sep-23		200	203	(3)
U.S. Treasury 5 yr. Note (United States)	10	Sep-23		1,000	1,071	(24)
Short:						
Euro Stoxx 50 Index (Germany)	12	Sep-23	EUR	(—@)	(580)	(7)
FTSE 100 Index (United Kingdom)	1	Sep-23	GBP	(—@)	(96)	1
German Euro-BTP Index (Germany)	18	Sep-23	EUR	(1,800)	(2,280)	(12)

#### **Global Strategist Portfolio**

Futures Contracts (cont'd):

	Number of Contracts	Expiration Date	Notional Amount (000)	Value (000)	Unrealized Appreciation (Depreciation) (000)
German Euro-Bund Index (Germany)	9	Sep-23	EUR (900)	\$(1,313)	\$ 3
German Short Euro-BTP Index (Germany)	9	Sep-23	(900)	(1,028)	7
MSCI Emerging Market Index (United States)	2	Sep-23	\$ (—@)	(100)	(1)
S&P 500 E Mini Index (United States)	14	Sep-23	(1)	(3,142)	(83)
TSE Japanese 10 Yr. Bond index (Japan)	9	Sep-23	JPY (900,000)	(9,265)	(35)
U.S. Treasury 10 yr. Ultra Note (United States)	6	Sep-23	\$ (600)	(711)	5
U.S. Treasury 5 yr. Note (United States)	32	Sep-23	(3,200)	(3,427)	68
U.S. Treasury Ultra Long Bond (United States)	1	Sep-23	(100)	(136)	(2)
					\$(139)

#### **Interest Rate Swap Agreements:**

The Fund had the following interest rate swap agreements open at June 30, 2023:

Swap Counterparty	Floating Rate Index	Pay/ Receive Floating Rate	Fixed Rate	Payment Frequency Paid/ Received	Maturity Date	Notional Amount (000)	Value (000)	Payment Paid (Received) (000)	Unrealized Appreciation (Depreciation) (000)
Morgan Stanley & Co. LLC*	1 Week CNY	Pay	2.56%	Quarterly/ Quarterly	5/16/28	CNY 11,796	\$13	\$—	\$13
Morgan Stanley & Co. LLC*	1 Week CNY	Pay	2.56	Quarterly/ Quarterly	5/16/28	11,796	13	_	13
Morgan Stanley & Co. LLC*	1 Month TIIE	Pay	6.66	Monthly/Monthly	7/1/26	MXN 6,814	(24)	_	(24)
Morgan Stanley & Co. LLC*	1 Month TIIE	Pay	6.68	Monthly/Monthly	6/29/26	6,814	(24)	_	(24)
Morgan Stanley & Co. LLC*	1 Month TIIE	Pay	6.68	Monthly/Monthly	6/29/26	6,814	(24)	_	(24)
Morgan Stanley & Co. LLC*	1 Month TIIE	Pay	7.36	Monthly/Monthly	12/22/26	10,395	(24)	_	(24)
Morgan Stanley & Co. LLC*	1 Month TIIE	Pay	7.38	Monthly/Monthly	12/22/26	10,395	(25)	_	(25)
Morgan Stanley & Co. LLC*	1 Month TIIE	Pay	9.96	Monthly/Monthly	2/26/26	18,273	20	_	20
Morgan Stanley & Co. LLC*	1 Month TIIE	Pay	9.96	Monthly/Monthly	2/26/26	18,273	19	_	19
Morgan Stanley & Co. LLC*	1 Month TIIE	Pay	10.02	Monthly/Monthly	2/26/26	18,001	21 \$(35)	<u>=</u> \$ <u>-</u>	21 \$(35)

Unfrant

#### **Total Return Swap Agreements:**

The Fund had the following total return swap agreements open at June 30, 2023:

Swap Counterparty	Index	Pay/ Receive Total Return of Reference Index		Payment Frequency	Maturity Date	Notional Amount (000)	Value (000)	Upfront Payment Paid (Received) (000)	Unrealized Appreciation (Depreciation) (000)
Barclays Bank PLC	E&P Index	Pay	SOFR + 0.20%	Quarterly	4/10/24	<u> </u>	\$ 2	\$—	\$ 2
Barclays Bank PLC	E&P Index	Pay	SOFR + 0.20%	Quarterly	4/10/24	354	. 5	·_	5
Barclays Bank PLC	MSCI Daily Total Return World Gross Consumer Staples Index	Receive	SOFR + 0.10%	Quarterly	5/20/24	872	23	_	23
Barclays Bank PLC	MSCI World Tobacco	Pay	SOFR + 0.25%	Quarterly	5/20/24	878	(4)	_	(4)
BNP Paribas SA	BNP EU Luxury Index††	Receive	SOFR + 0.24%	Quarterly	5/30/24	457	(19)	_	(19)
BNP Paribas SA	BNP EU Luxury Index††	Receive	SOFR + 0.24%	Quarterly	5/30/24	821	(52)	_	(52)
BNP Paribas SA	EMU IMI Anti-Value Index††	Receive	SOFR + 0.04%	Quarterly	9/28/23	592	(15)	_	(15)
BNP Paribas SA	EMU IMI Anti-Value Index††	Receive	SOFR + 0.04%	Quarterly	9/28/23	590	(15)	_	(15)
BNP Paribas SA	EMU IMI Anti-Value Index††	Receive	SOFR + 0.04%	Quarterly	9/28/23	592	(15)	_	(15)
BNP Paribas SA	EMU IMI Anti-Value Index††	Receive	SOFR + 0.04%	Quarterly	9/28/23	591	(15)	_	(15)
BNP Paribas SA	EMU IMI Anti-Value Index††	Receive	SOFR + 0.04%	Quarterly	9/28/23	610	(16)	_	(16)
BNP Paribas SA	EMU IMI Value Index††	Pay	SOFR + 0.42%	Quarterly	9/28/23	601	10	_	10

#### **Global Strategist Portfolio**

Total Return Swap Agreements (cont'd):

iotai neturii Swap Agree	ments (cont u).	Pay/ Receive						Upfront Payment	Unrealized
Swap Counterparty	Index	Total Return of Reference Index		Payment	Maturity Date	Notional Amount (000)	Value (000)	Paid (Received) (000)	Appreciation (Depreciation) (000)
BNP Paribas SA	EMU IMI Value Index††		Floating Rate SOFR + 0.42%	Frequency Ouarterly	9/28/23	<u> </u>	\$ 10	\$—	\$ 10
BNP Paribas SA		Pay	SOFR + 0.42%	,		5 595	3 10	•	10
	EMU IMI Value Index††	Pay		Quarterly	9/28/23			_	
BNP Paribas SA	EMU IMI Value Index††	Pay	SOFR + 0.42%	Quarterly	9/28/23	587	9	_	9
BNP Paribas SA	EMU IMI Value Index††	Pay	SOFR + 0.42%	Quarterly	9/28/23	584	9	_	9
BNP Paribas SA	MSCI Japan Net Total Return Index	Pay	SOFR + 0.01%	Quarterly	2/12/24	2.785	101	_	101
BNP Paribas SA	MSCI USA Index	Pay	SOFR + 0.35%	Quarterly	7/14/23	2,551	209	_	209
Goldman Sachs	MSCI Emerging Markets Net	,		Ç,	.,,	_,			
International	Total Return Index	Pay	SOFR + 0.21%	Quarterly	1/26/24	5,410	64	_	64
Goldman Sachs International	MSCI USA Index	Pay	SOFR + 0.30%	Quarterly	9/22/23	13,127	211	_	211
JPMorgan Chase Bank NA	Japan Growth Index††	Receive	SOFR + 0.19%	Quarterly	6/26/24	1,291	39	_	39
JPMorgan Chase Bank NA	Japan Value Index††	Pay	SOFR + 0.00%	Quarterly	6/26/24	1,297	(30)	_	(30)
JPMorgan Chase Bank NA	JPM SPX 1500 Growth††	Receive	SOFR + 0.05%	Quarterly	6/12/24	590	(12)	_	(12)
JPMorgan Chase Bank NA	JPM SPX 1500 Growth††	Receive	SOFR + 0.05%	Quarterly	6/12/24	896	(14)	_	(14)
JPMorgan Chase Bank NA	JPM SPX 1500 Value††	Pay	SOFR + 0.05%	Quarterly	6/12/24	588	10	_	10
JPMorgan Chase Bank NA	JPM SPX 1500 Value††	Pay	SOFR + 0.05%	Quarterly	6/12/24	897	11	_	11
JPMorgan Chase Bank NA	JPM SPX Broad Growth††	Receive	SOFR + 0.05%	Quarterly	6/12/24	550	(12)	_	(12)
JPMorgan Chase Bank NA	JPM SPX Broad Growth††	Receive	SOFR + 0.05%	Quarterly	6/12/24	837	(13)	_	(13)
JPMorgan Chase Bank NA	JPM SPX Broad Value††	Pay	SOFR + 0.05%	Quarterly	6/12/24	548	9	_	9
JPMorgan Chase Bank NA	JPM SPX Broad Value††	Pay	SOFR + 0.05%	Quarterly	6/12/24	836	10	_	10
JPMorgan Chase Bank NA	Korea Growth Index	Receive	SOFR + 0.30%	Quarterly	6/25/24	321	15	_	15
JPMorgan Chase Bank NA	Korea Value Index	Pay	SOFR + 0.16%	Quarterly	6/25/24	322	(11)		(11)
				_			\$514	<u>=</u> \$ <u>-</u>	\$514

<sup>††</sup> See tables below for details of the equity basket holdings underlying the swaps.

The following table represents the equity basket holdings underlying the total return swap with BNP EU Luxury Index as of June 30, 2023:

ngs underlying the total The following table represents the equity basket holdings underlying the total return swap with EMU IMI Anti-Value Index as of June 30, 2023:

		Value	
Security Description	Shares	(000)	Index Weight
BNP EU Luxury Index			
Brunello Cucinelli SpA	199	\$ 18	1.73%
Burberry Group PLC	1,109	31	2.96
Cie Financiere Richemo — Class A Reg	1,319	218	21.14
Hermes International	93	194	18.86
Hugo Boss AG	210	16	1.55
Kering	342	192	18.65
Lvmh Moet Hennessy Louis Vuitton	239	220	21.30
Moncler SpA	813	57	5.49
Salvatore Ferragamo SpA	530	9	0.84
Swatch Group AG	150	43	4.18
Tapestry, Inc.	693	30	2.89
Tod's SpA	104	4	0.42

		Value	
Security Description	Shares	(000)	Index Weight
EMU IMI Anti-Value Index			
Adidas AG	46	\$ 8	0.86%
Adyen NV	7	10	1.07
AIB Group PLC	2,274	9	0.93
Air Liquide SA	51	8	0.85
Airbus SE	61	8	0.81
Akzo Nobel NV	111	8	0.82
Allfunds Group PLC	1,483	9	0.89
Amplifon SpA	234	8	0.81
Arcelormittal	1,003	30	2.20
Arkema	304	30	2.17
ASM International NV	23	9	0.90
ASML Holding NV	14	9	0.92
Auto1 Group SE	1,089	8	0.87
Banca Generali SpA	307	9	0.97
Banco Bilbao Vizcaya Argentaria SA	4,076	29	2.11
Barco NV	339	8	0.81
Bawag Group AG	194	8	0.87

Security Description	Shares	Value (000)	Index Weight	Security Description	Shares	Value (000)	Index Weight
EMU IMI Anti-Value Index (cont'd)		, , , , ,		EMU IMI Value Index (cont'd)			
CA Immobilien Anlagen AG	349	\$ 9	0.92%	Bayerische Motoren Werke AG	73	\$ 8	0.83%
Credit Agricole SA	782	8	0.86	Bekaert NV	204	8	0.87
CTS Eventim AG & Co. KGaA	140	8	0.82	Beneteau	587	9	0.92
Dassault Systemes SE	257	10	1.06	Bouygues SA	305	9	0.94
Davide Campari-Milano NV	650	8	0.82	Bper Banca	3,112	9	0.89
Delivery Hero SE	236	8	0.87	Cancom SE	312	9	0.93
Deutsche Boerse AG	49	8	0.85	Capcom Co. Ltd.	5,938	1	2.14
Edenred	171	10	1.06	Casino Guichard Perrachon	1,176	9	0.98
Evotec SE	383	8	0.81	Clariane SE	1,241	8	0.88
Ferrari NV	29	8	0.85	Compagnie De Saint Gobain	190	10	1.07
Flutter Entertainment PLC	44	8	0.82	Construcc Y Aux De Ferrocarr	364	11	1.17
Galapagos NV	211	8	0.81	Daimler Truck Holding AG	322	10	1.03
Gecina SA	90	9	0.89	Dalata Hotel Group PLC	1,736	8	0.84
Getlink SE	498	8	0.81	Dermapharm Holding SE	207	9	0.96
Groupe Bruxelles Lambert NV	114	8	0.85	Deutz AG	1,654	9	0.89
Hannover Rueck SE	43	8	0.84	Eiffage	94	9	0.94
Industrie De Nora SpA	452	9	0.91	Fresenius Medical Care AG	215	9	0.97
ING Groep NV	723	9	0.90	Fresenius Se & Co KGaA	346	9	0.90
Inmobiliaria Colonial Socimi	1,487	8	0.85	Fugro NV	761	11	1.12
Inpost SA	826	8	0.83	Glanbia PLC	729	10	1.03
Interparfums SA	109	8	0.81	Grifols SA	900	11	1.10
MARR SpA	551	8	0.81	Indra Sistemas SA	740	8	0.87
Nemetschek SE	148	10	1.06	lpsen	81	9	0.90
Redcare Pharmacy NV	84	8	0.81	Iveco Group NV	1,214	10	1.03
Safran SA	56	8	0.81	Koninklijke Bam Groep NV	4,565	8	0.88
Salcef Group SpA	364	8	0.87	Leonardo SpA	825	9	0.91
Schneider Electric SE	52	8	0.85	Melia Hotels International	1,272	8	0.84
Scout24 SE	146	9	0.88	Nexi SpA	1,260	9	0.93
SES Imagotag	84	14	1.45	Outokumpu Oyj	1,662	9	0.91
Siemens AG-Reg	53	9	0.88	Ovs SpA	3,497	9	0.89
Siemens Energy AG	362	8	0.87	Rexel SA	489	11	1.11
Tomtom NV	1,281	9	0.91	Sanofi	85	8	0.86
Verbio Vereinigte Bioenergie AG	201	8	0.80	Signify NV	339	9	0.89
Voltalia SA- Reg	528	8	0.83	Siltronic AG	125	9	0.93
Vonovia SE	468	8	0.85	Sopra Steria Group	48	9	0.90
Warehouses De Pauw SA	311	8	0.80	Stmicroelectronics NV	186	8	0.85
				Suedzucker AG	634	11	1.09
The following table represents the e	nuity hasket h	oldings un	derlying the total	Tag Immobilien AG	1,291	11	1.11
return swap with EMU IMI Value Index a			acrying the total	Telenet Group Holding NV	412	9	0.89
	/			TI 1 10	1 104	_	0.04

		Value	
Security Description	Shares	(000)	Index Weight
EMU IMI Value Index			
Acerinox SA	892	\$ 9	0.92%
Air France-KLM	5,105	9	0.95
Aperam	261	8	0.86
Applus Services SA	1,080	10	1.02
Asahi Intecc Co. Ltd.	12,702	1	2.25
Atos SE	830	11	1.14
Banca Monte dei Paschi di Siena	3,640	8	0.88
Baycurrent Consulting, Inc.	5,219	1	2.17

Stmicroelectronics NV	186	8	0.85
Suedzucker AG	634	11	1.09
Tag Immobilien AG	1,291	11	1.11
Telenet Group Holding NV	412	9	0.89
Thyssenkrupp AG	1,184	8	0.84
Tietoevry Oyj	315	8	0.82
Unibail-Rodamco-Westfield	188	9	0.90
Unicredit SpA	397	8	0.84
Voestalpine AG	265	9	0.89
Xior Student Housing NV	320	9	0.95

#### **Global Strategist Portfolio**

The following table represents the equity basket holdings underlying the total return swap with Japan Growth Index as of June 30, 2023:

The following table represents the equity basket holdings underlying the total return swap with Japan Value Index as of June 30, 2023:

	-	Value			,	Value	
Security Description	Shares	(000)	Index Weight	Security Description	Shares	(000)	Index Weight
Japan Growth Index	1.500	A107	1.000/	Japan Value Index		4005	0.100/
Advantest Corp.	1,522	\$197	1.99%	Age, Inc.	6,399	\$235	2.13%
Asahi Intecc Co. Ltd.	10,810	212	2.14	Asahi Group Holdings Ltd.	5,896	233	2.12
Bandai Namco Holdings, Inc.	8,850	211	2.13	Brother Industries Ltd.	15,041	233	2.11
Baycurrent Consulting, Inc.	5,221	211	2.13	Canon, Inc.	8,669	234	2.13
Capcom Co. Ltd.	5,453	212	2.13	Daiwa House Industry Co. Ltd.	8,781	236	2.14
Chubu Electric Power Co., Inc.	17,970	215	2.16	Dentsu Group, Inc.	7,145	239	2.16
Daifuku Co. Ltd.	9,865	208	2.09	Hitachi Construction Machinery Co. Ltd.	8,395	236	2.14
Daiichi Sankyo Co. Ltd.	6,437	209	2.11	Honda Motor Co. Ltd.	7,550	233	2.12
Daikin Industries Ltd.	1,038	213	2.14	lida Group Holdings Co. Ltd.	13,955	238	2.16
Daiwa House Reit Investment	109	213	2.14	Isuzu Motors Ltd.	18,952	232	2.10
Disco Corp.	1,294	202	2.04	Japan Post Holdings Co. Ltd.	32,564	233	2.12
Fanuc Corp.	5,795	209	2.11	Japan Post Insurance Co. Ltd.	15,524	233	2.11
Fast Retailing Co. Ltd.	822	212	2.14	JFE Holdings, Inc.	16,533	234	2.12
GLP J-REIT	208	212	2.14	Kajima Corp.	16,096	239	2.17
Gmo Payment Gateway, Inc.	2,598	209	2.11	Kawasaki Kisen Kaisha Ltd.	10,350	237	2.15
Hoshizaki Corp.	5,756	214	2.16	Kirin Holdings Co. Ltd.	15,377	234	2.13
Japan Exchange Group, Inc.	11,970	218	2.20	Mazda Motor Corp.	24,189	233	2.11
JSR Corp.	9,241	212	2.14	Meiji Holdings Co. Ltd.	10,320	233	2.12
Keio Corp.	6,452	214	2.15	Mitsubishi Chemical Group Co.	40,306	234	2.12
Keisei Electric Railway Co.	5,140	213	2.14	Mitsubishi Corp.	4,627	237	2.15
Keyence Corp.	443	213	2.15	Mitsui & Co. Ltd.	5,807	236	2.14
Kobe Bussan Co. Ltd.	8,186	214	2.16	Mitsui Osk Lines Ltd.	10,151	236	2.14
Koei Tecmo Holdings Co. Ltd.	12,420	212	2.14	Mizuho Financial Group, Inc.	15,786	238	2.16
Kose Corp.	2,086	206	2.08	NEC Corp.	4,831	233	2.11
Lasertec Corp.	1,395	202	2.04	NGK Insulators Ltd.	18,658	232	2.11
M3, Inc.	9,326	208	2.10	Nippon Express Holdings, Inc.	4,015	237	2.16
Mcdonald'S Holdings Co. Japan	5,221	211	2.13	Nippon Telegraph & Telephone Corp.	8,103	234	2.13
Monotaro Co. Ltd.	15,931	209	2.11	Nippon Yusen Kabushiki Kaisha	10,988	235	2.13
Nidec Corp.	3,778	207	2.09	Nissan Motor Co. Ltd.	62,173	234	2.12
Nippon Paint Holdings Co. Ltd.	25,417	213	2.15	Nomura Real Estate Holdings, Inc.	9,525	238	2.16
Nippon Prologis REIT, Inc.	104	211	2.13	Oji Holdings Corp.	59,754	235	2.14
Nissan Chemical Corp.	4,882	212	2.14	Ono Pharmaceutical Co. Ltd.	12,059	234	2.12
Obic Co. Ltd.	1,301	214	2.15	Orix Corp.	13,246	241	2.18
Oracle Corp. Japan	2,581	215	2.17	Otsuka Holdings Co. Ltd.	6,007	233	2.12
Oriental Land Co. Ltd.	5,718	212	2.14	Ricoh Co. Ltd.	27,630	234	2.13
Rakuten Group, Inc.	61,125	213	2.15	SBI Holdings, Inc.	12,002	234	2.12
Recruit Holdings Co. Ltd.	6,490	209	2.11	Seiko Epson Corp.	14,848	234	2.12
Shiseido Co. Ltd.	4,326	204	2.06	Seven & I Holdings Co. Ltd.	5,443	228	2.07
SMC Corp.	369	207	2.09	Shionogi & Co. Ltd.	5,390	234	2.12
Sompo Holdings, Inc.	4,810	221	2.23	Softbank Corp.	21,833	232	2.11
T&D Holdings, Inc.	14,362	212	2.14	Subaru Corp.	12,436	233	2.11
Toho Co. Ltd.	5,512	211	2.12	Sumco Corp.	16,138	227	2.06
Tokio Marine Holdings, Inc.	9,185	216	2.18	Sumitomo Corp.	10,775	238	2.16
Trend Micro, Inc.	4,207	211	2.12	Sumitomo Realty & Development Co. Ltd.	8,992	234	2.12
Unicharm Corp.	5,666	216	2.17	TDK Corp.	5,985	228	2.07
Yaskawa Electric Corp.	4,511	209	2.10	Tokyo Gas Co. Ltd.	10,586	236	2.14
Zozo, Inc.	10,120	216	2.17	Toyota Tsusho Corp.	4,681	235	2.13
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#### **Global Strategist Portfolio**

The following table represents the equity basket holdings underlying the total return swap with JPM SPX 1500 Growth Index as of June 30, 2023:

The following table represents the equity basket holdings underlying the total return swap with JPM SPX 1500 Value Index as of June 30, 2023:

return swap with JPM SPX 1500 Growth				return swap with JPM SPX 1500 value	, mach as of sume so, 2025.			
Security Description	Shares	Value (000)	Index Weight	Security Description	Shares	Value (000)	Index Weight	
JPM SPX 1500 Growth Index				JPM SPX 1500 Value Index				
Amazon.Com, Inc.	391	\$ 51	0.51%	Agco Corp.	395	\$ 53	0.54%	
Aon PLC — Class A	155	52	0.52	Alpha & Omega Semiconductor	1,645	51	0.52	
Apple, Inc.	269	50	0.51	American Airlines Group, Inc.	3,173	52	0.53	
Arthur J Gallagher & Co.	237	50	0.51	American Axle & Manufacturing, Inc.	6,371	51	0.51	
Celsius Holdings, Inc.	344	51	0.51	American Woodmark Corp.	708	51	0.51	
Cogent Communications Holdings, Inc.	773	50	0.50	Andersons, Inc.	1,106	50	0.50	
Copart, Inc.	560	50	0.50	Arrow Electronics, Inc.	362	50	0.50	
Dexcom, Inc.	401	51	0.51	B&G Foods, Inc.	3,609	51	0.52	
Elf Beauty, Inc.	457	52	0.52	Baxter International, Inc.	1,174	53	0.54	
Fastenal Co.	891	51	0.51	Benchmark Electronics, Inc.	1,965	50	0.50	
Five Below	258	51	0.51	Boise Cascade Co.	618	50	0.51	
Hawaiian Holdings, Inc.	5,382	53	0.53	Bunge Ltd.	532	50	0.50	
Hci Group, Inc.	828	50	0.51	Caleres, Inc.	2,093	52	0.53	
Installed Building Products	409	53	0.53	Catalyst Pharmaceuticals, Inc.	4,093	54	0.55	
Insulet Corp.	173	50	0.51	CF Industries Holdings, Inc.	721	51	0.52	
Intuitive Surgical, Inc.	156	51	0.52	Clearfield, Inc.	1,088	51	0.52	
Jack Henry & Associates, Inc.	311	51	0.51	Designer Brands, Inc. — Class A	5,612	53	0.52	
Lattice Semiconductor Corp.	598	53	0.53	Dynavax Technologies Corp.	4,110	53	0.54	
Linde PLC	134	50	0.50	Eagle Pharmaceuticals, Inc.	2,574	51	0.52	
	275	50	0.51	Ebix, Inc.	2,374	50	0.52	
Marsh & Mclennan Cos								
Mccormick & Co-Non Vtg Shrs	539	50	0.51	Enovis Corp.	844	51	0.52	
Mercury General Corp.	1,582	50	0.51	Genesco, Inc.	2,246	55	0.56	
Meta Platforms, Inc. — Class A	183	52	0.53	Greenbrier Companies, Inc.	1,581	51	0.52	
Monolithic Power Systems, Inc.	98	50	0.50	Hewlett Packard Enterprise	3,072	52	0.52	
Monster Beverage Corp.	844	50	0.51	Ichor Holdings Ltd.	1,403	51	0.51	
Msa Safety, Inc.	328	54	0.54	Interface, Inc.	6,076	51	0.52	
Nike, Inc. — Class B	457	50	0.51	Iqvia Holdings, Inc.	235	50	0.51	
Novanta, Inc.	288	51	0.51	KB Home	1,007	52	0.53	
Nvidia Corp.	126	54	0.55	Lithia Motors, Inc.	188	53	0.54	
Old Dominion Freight Line	153	51	0.51	M/I Homes, Inc.	644	53	0.54	
Payoneer Global, Inc.	10,860	52	0.52	Manpowergroup, Inc.	634	50	0.50	
Penumbra, Inc.	154	52	0.53	Masterbrand, Inc.	4,486	51	0.52	
Quanta Services, Inc.	265	50	0.50	Medifast, Inc.	592	52	0.53	
R1 RCM, Inc.	2,895	50	0.51	Organon & Co.	2,426	51	0.51	
Rockwell Automation, Inc.	160	50	0.51	Par Pacific Holdings, Inc.	2,040	51	0.51	
Ross Stores, Inc.	470	51	0.51	Photronics, Inc.	2,107	51	0.51	
Saia, Inc.	159	50	0.50	Preferred Bank	920	50	0.50	
Shake Shack, Inc. — Class A	703	53	0.53	Pr, Inc.ipal Financial Group	685	50	0.50	
Sitime Corp.	443	53	0.54	Revvity, Inc.	436	50	0.51	
SPS Commerce, Inc.	285	52	0.53	Suncoke Energy, Inc.	6,362	51	0.52	
Take-Two Interactive Software	365	51	0.52	TD Synnex Corp.	518	50	0.50	
TJX Companies, Inc.	624	51	0.51	Terex Corp.	872	50	0.50	
Transdigm Group, Inc.	60	51	0.52	The Cigna Group	184	51	0.51	
Vericel Corp.	1,434	51	0.52	Timken Co.	579	50	0.51	
Verisk Analytics, Inc.	221	50	0.51	Titan International, Inc.	4,369	51	0.52	
Watsco, Inc.	139	50	0.51	United States Steel Corp.	2,136	50	0.51	
World Acceptance Corp.	385	51	0.51	Veritiv Corp.	415	51	0.52	
Xpel, Inc.	636	52	0.52	Viatris, Inc.	5,099	51	0.52	
Xylem, Inc.	445	50	0.50	Wabash National Corp.	1,823	50	0.52	
Zoetis, Inc.	295		0.50	Warrior Met Coal, Inc.	1,360		0.51	
LUCUS, IIIC.	290	50	0.51	vvaition iviet odai, ilic.	1,300	51	0.52	

#### **Global Strategist Portfolio**

The following table represents the equity basket holdings underlying the total return swap with JPM SPX Broad Growth Index as of June 30, 2023:

The following table represents the equity basket holdings underlying the total return swap with JPM SPX Broad Value Index as of June 30, 2023:

Value Security Description Shares (000) Index Weight Security Description		Shares	Value (000)	Index Weight			
JPM SPX Broad Growth Index				JPM SPX Broad Value Index			
Alnylam Pharmaceuticals, Inc.	215	\$ 43	0.43%	Agco Corp.	334	\$ 45	0.45%
Amazon.Com, Inc.	330	43	0.43	Alpha & Omega Semiconductor	1,389	43	0.44
Arthur J Gallagher & Co.	200	43	0.43	American Airlines Group, Inc.	2,679	44	0.44
Burlington Stores, Inc.	278	43	0.43	American Axle & Manufacturing Holdings, Inc.	5,378	43	0.43
Celsius Holdings, Inc.	291	43	0.43	Andersons, Inc.	934	42	0.43
Coinbase Global, Inc. — Class A	747	43	0.43	Applovin Corp. — Class A	1,822	43	0.44
Costar Group, Inc.	506	44	0.44	Arrow Electronics, Inc.	306	42	0.43
Dexcom, Inc.	338	43	0.43	B&G Foods, Inc.	3,047	43	0.44
Doordash, Inc. — Class A	586	43	0.43	Baxter International, Inc.	991	45	0.46
Elf Beauty, Inc.	386	44	0.44	Boise Cascade Co.	522	42	0.43
Fastenal Co.	752	43	0.43	Caleres, Inc.	1,767	44	0.45
Five Below	217	43	0.43	Catalyst Pharmaceuticals, Inc.	3,456	45	0.46
Guardant Health, Inc.	1,258	47	0.47	Cf Industries Holdings, Inc.	608	43	0.44
Hawaiian Holdings, Inc.	4,544	45	0.45	Clearfield, Inc.	919	43	0.44
HCI Group, Inc.	699	42	0.43	Delta Air Lines, Inc.	1,048	45	0.46
Heico Corp.	249	43	0.43	Designer Brands, Inc. — Class A	4,738	44	0.45
Installed Building Products	345	45	0.45	Dropbox, Inc. — Class A	1,734	46	0.47
Insulet Corp.	146	42	0.43	Dynavax Technologies Corp.	3,470	45	0.46
Intuitive Surgical, Inc.	132	43	0.43	Eagle Pharmaceuticals, Inc.	2,173	43	0.44
Lattice Semiconductor Corp.	505	45	0.45	Ebix, Inc.	1,859	43	0.43
Lululemon Athletica, Inc.	115	44	0.44	Elanco Animal Health, Inc.	4,383	44	0.44
Marsh & Mclennan Cos	232	42	0.43	Enovis Corp.	713	43	0.44
Mccormick & CoNon Vtg Shrs	455	43	0.43	Genesco, Inc.	1,897	46	0.47
Mongodb, Inc.	109	42	0.43	Greenbrier Companies, Inc.	1,335	43	0.44
Msa Safety, Inc.	277	46	0.46	Hewlett Packard Enterprise	2,594	44	0.44
Nike, Inc. — Class B	386	43	0.43	Ichor Holdings Ltd.	1,184	43	0.43
Novanta, Inc.	244	43	0.43	Interface, Inc.	5,129	43	0.44
Nvidia Corp.	106	46	0.46	KB Home	850	44	0.45
Old Dominion Freight Line	129	43	0.43	Kyndryl Holdings, Inc.	3,321	44	0.45
Opendoor Technologies, Inc.	16,459	52	0.52	Lithia Motors, Inc.	158	45	0.45
Penumbra, Inc.	130	44	0.44	M/I Homes, Inc.	544	45	0.45
Pinterest, Inc. — Class A	1,712	45	0.45	Masterbrand, Inc.	3,788	43	0.44
Pure Storage, Inc. — Class A	1,186	43	0.44	Maxlinear, Inc.	1,430	43	0.43
R1 Rcm, Inc.	2,444	42	0.43	Medifast, Inc.	500	44	0.45
Rockwell Automation, Inc.	135	43	0.43	Organon & Co.	2,048	43	0.43
Ross Stores, Inc.	397	43	0.43	Par Pacific Holdings, Inc.	1,722	43	0.43
Shake Shack, Inc. — Class A	594	45	0.45	Photronics, Inc.	1,779	43	0.43
Siteone Landscape Supply, Inc.	273	43	0.44	Playtika Holding Corp.	3,781	43	0.43
Sitime Corp.	374	45	0.45	Revvity, Inc.	368	42	0.43
Sofi Technologies, Inc.	5,047	43	0.43	Rithm Capital Corp.	4,595	42	0.43
Southwest Airlines Co.	1,340	46	0.46	Sanmina Corp.	741	43	0.44
Tesla, Inc.	175	46	0.46	Suncoke Energy, Inc.	5,371	43	0.44
TJX Companies, Inc.	527	43	0.43	Td Synnex Corp.	438	42	0.43
Transdigm Group, Inc.	51	43	0.43	The Cigna Group	155	43	0.43
Uber Technologies, Inc.	1,018	44	0.44	Titan International, Inc.	3,689	43	0.44
Verisk Analytics, Inc.	186	44	0.43	Universal Health Services — Class B	297	45	0.45
Wayfair, Inc. — Class A	774	44	0.44	Veritiv Corp.	350	43	0.44
World Acceptance Corp.	325	43	0.43	Viatris, Inc.	4,305	43	0.44
Xpel, Inc.	537	43	0.43	Wabash National Corp.	1,539	43	0.44
Zoetis, Inc.	249	44	0.43	Warrior Met Coal, Inc.	1,148	43	0.43
LUCIIS, IIIC.	249	42	0.43	vvarior iviet coal, inc.	1,140	43	0.44

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#### **Global Strategist Portfolio**

@	Value/Notional amount is less than \$500.
*	Cleared swap agreement, the broker is Morgan Stanley &
CAC	Cotation Assistée en Continu.
FTSE	Financial Times Stock Exchange.
IBEX	Índice Bursátil Español.
ICE	Intercontinental Exchange.
MIB	Milano Indice di Borsa.
MSCI	Morgan Stanley Capital International.
SGX	Singapore Exchange Ltd.
TSE	Toronto Stock Exchange.
TIIE	Interbank Equilibrium Interest Rate.
SOFR	Secured Overnight Financing Rate.
REIT	Real Estate Investment Trust.
AUD	— Australian Dollar
BRL	— Brazilian Real
CAD	— Canadian Dollar
CNY	— Chinese Yuan Renminbi
CZK	— Czech Koruna
DKK	— Danish Krone
EUR	— Euro
GBP	— British Pound
HUF	— Hungarian Forint
IDR	— Indonesian Rupiah
JPY	— Japanese Yen
MXN	— Mexican Peso
MYR	— Malaysian Ringgit
NOK	— Norwegian Krone
NZD	— New Zealand Dollar
SGD	— Singapore Dollar
THB	— Thai Baht
USD	— United States Dollar
HKD	— Hong Kong Dollar
KRW	— South Korean Won

#### **Portfolio Composition**

	Percentage of
Classification	Total Investments
Fixed Income Securities	47.9%
Common Stocks	35.3
Short-Term Investments	16.8
Total Investments	100.0%**

<sup>\*\*</sup> Does not include open long/short futures contracts with a value of approximately \$32,240,000 and net unrealized depreciation of approximately \$139,000. Does not include open foreign currency forward exchange contracts with net unrealized depreciation of approximately \$142,000. Also does not include open swap agreements with net unrealized appreciation of approximately \$479,000.

Consolidated Statement of Assets and Liabilities	June 30, 2023 (000)
Assets:	
Investments in Securities of Unaffiliated Issuers, at Value (Cost \$67,348)	\$67,835
Investment in Security of Affiliated Issuer, at Value (Cost \$12,892)	12,892
Total Investments in Securities, at Value (Cost \$80,240)	80,727
Foreign Currency, at Value (Cost \$385)	288
Receivable for Investments Sold	2,888
	'
Unrealized Appreciation on Swap Agreements	757
Receivable for Variation Margin on Futures Contracts	665
Due from Broker	404
Interest Receivable	275
Unrealized Appreciation on Foreign Currency Forward Exchange Contracts	133
Receivable from Affiliate	51
Receivable for Variation Margin on Swap Agreements	47
Tax Reclaim Receivable	43
Dividends Receivable	29
Receivable for Fund Shares Sold	8
Due from Adviser	4
Other Assets	15
Total Assets	86,334
Liabilities:	
Payable for Investments Purchased	1,515
Due to Broker	1,470
Unrealized Depreciation on Foreign Currency Forward Exchange Contracts	275
Unrealized Depreciation on Swap Agreements	243
Payable to Bank	159
Payable for Professional Fees	91
Payable for Servicing Fees	28
Payable for Fund Shares Redeemed	27
·	25
Payable for Custodian Fees	
Payable for Administration Fees	5
Payable for Transfer Agency Fees	1
Payable for Distribution Fees — Class II Shares	1
Deferred Capital Gain Country Tax	1
Other Liabilities	174
Total Liabilities	4,015
NET ASSETS	\$82,319
Net Assets Consist of:	
Paid-in-Capital	\$86,486
Total Accumulated Loss	(4,167)
Net Assets	\$82,319
CLASS I:	· ,
Net Assets	\$68,548
Net Asset Value, Offering and Redemption Price Per Share Applicable to 8,352,611 Outstanding	\$00,040
\$0.001 Par Value Shares (Authorized 500,000,000 Shares)	\$ 8.21
CLASS II:	
Net Assets	\$13,771
Net Asset Value, Offering and Redemption Price Per Share Applicable to 1,693,541 Outstanding	\$15,771
\$0.001 Par Value Shares (Authorized 500,000,000 Shares)	\$ 8.13
40.001 I at value official (Authorized 200,000,000 official)	\$ 0.13

Investment Income:	\$ 437
THE RESERVE OF THE CONTRACT OF THE PROPERTY OF	\$ 437
Interest from Securities of Unaffiliated Issuers (Net of \$4 of Foreign Taxes Withheld)	
Dividends from Securities of Unaffiliated Issuers (Net of \$39 of Foreign Taxes Withheld)	397
Dividends from Security of Affiliated Issuer (Note H)	289
Total Investment Income	1,123
Expenses:	
Advisory Fees (Note B)	304
Custodian Fees (Note G)	105
Professional Fees	88
Pricing Fees	63
Servicing Fees (Note D)	63
Administration Fees (Note C)	32
Distribution Fees — Class II Shares (Note E)	17
Shareholder Reporting Fees	11
Transfer Agency Fees (Note F)	6
Directors' Fees and Expenses	2
Other Expenses	6
Total Expenses	697
Waiver of Advisory Fees (Note B)	(304)
Rebate from Morgan Stanley Affiliate (Note H)	(11)
Expenses Reimbursed by Adviser	(11)
Waiver of Distribution Fees — Class II Shares (Note E)	(10)
Net Expenses	361
Net Investment Income	762
Realized Gain (Loss):	
Investments Sold	(1,597)
Foreign Currency Forward Exchange Contracts	(371)
Foreign Currency Translation	(7)
Futures Contracts	(279)
Swap Agreements	3,121
Net Realized Gain	867
Change in Unrealized Appreciation (Depreciation):	
Investments (Net of Increase in Deferred Capital Gain Country Tax of \$1)	5,484
Foreign Currency Forward Exchange Contracts	(283)
Foreign Currency Translation	(85)
Futures Contracts	(304)
Swap Agreements	(664)
Net Change in Unrealized Appreciation (Depreciation)	4,148
Net Realized Gain and Change in Unrealized Appreciation (Depreciation)	5,015
Net Increase in Net Assets Resulting from Operations	\$ 5,777

Consolidated Statements of Changes in Net Assets	Six Months Ended June 30, 2023 (unaudited)	Year Ended December 31, 2022
	(000)	(000)
Increase (Decrease) in Net Assets:		
Operations:  Net Investment Income	\$ 762	\$ 1,384
Net Realized Gain (Loss)	\$ 762 867	(6,319)
Net Change in Unrealized Appreciation (Depreciation)	4,148	(12,479)
Net Increase (Decrease) in Net Assets Resulting from Operations	5,777	(17,414)
Dividends and Distributions to Shareholders:		
Class I	_	(12,686)
Class II		(2,529)
Total Dividends and Distributions to Shareholders		(15,215)
Capital Share Transactions:(1)		
Class I:	. =	
Subscribed	1,520	2,407
Distributions Reinvested	(2.041)	12,686
Redeemed Class II:	(3,841)	(10,441)
Subscribed	487	1,579
Distributions Reinvested	_	2,529
Redeemed	(1,244)	(2,000)
Net Increase (Decrease) in Net Assets Resulting from Capital Share Transactions	(3,078)	6,760
Total Increase (Decrease) in Net Assets	2,699	(25,869)
Net Assets:		
Beginning of Period	79,620	105,489
End of Period	\$82,319	\$ 79,620
(1) Capital Share Transactions:		
Class I:		
Shares Subscribed	188	240
Shares Issued on Distributions Reinvested	(402)	1,680
Shares Redeemed  Not Increase (Decrease) in Class I Shares Outstanding	(482)	(1,122)
Net Increase (Decrease) in Class I Shares Outstanding Class II:	(294)	798
Shares Subscribed	62	178
Shares Issued on Distributions Reinvested	- UZ	338
Shares Redeemed	(157)	(222)
Net Increase (Decrease) in Class II Shares Outstanding	(95)	294

### Consolidated Financial Highlights

	Class I						
	Six Months Ended June 30, 2023		Year E	nded Decem	ber 31,		
Selected Per Share Data and Ratios	(unaudited)	2022	2021	2020	2019	2018	
Net Asset Value, Beginning of Period	\$7.64	\$11.30	\$10.99	\$10.91	\$9.85	\$11.17	
Income (Loss) from Investment Operations:							
Net Investment Income <sup>(1)</sup>	0.08	0.14	0.10	0.09	0.16	0.16	
Net Realized and Unrealized Gain (Loss)	0.49	(2.07)	0.81	0.95	1.56	(0.86)	
Total from Investment Operations	0.57	(1.93)	0.91	1.04	1.72	(0.70)	
Distributions from and/or in Excess of:							
Net Investment Income	_	_	(0.21)	(0.16)	(0.20)	(0.13)	
Net Realized Gain	_	(1.73)	(0.39)	(0.80)	(0.46)	(0.49)	
Total Distributions	_	(1.73)	(0.60)	(0.96)	(0.66)	(0.62)	
Net Asset Value, End of Period	\$8.21	\$7.64	\$11.30	\$10.99	\$10.91	\$9.85	
Total Return <sup>(2)</sup>	7.46%(3)	(16.94)%	8.37%	10.92%	17.77%	(6.50)%	
Ratios to Average Net Assets and Supplemental Data:							
Net Assets, End of Period (Thousands)	\$68,548	\$66,072	\$88,704	\$88,563	\$89,575	\$87,675	
Ratio of Expenses Before Expense Limitation	1.68%(4)	1.77%	1.52%	1.59%	1.49%	1.44%	
Ratio of Expenses After Expense Limitation	0.87%(4)(5)	0.88%(5)	0.90%(5)	0.88%(5)	0.88%(5)	0.89%(5	
Ratio of Net Investment Income	1.89%(4)(5)	1.59%(5)	0.89%(5)	0.89%(5)	1.55%(5)	1.48%(5	
Ratio of Rebate from Morgan Stanley Affiliates	0.03%(4)	0.02%	0.00%(6)	0.02%	0.02%	0.01%	
Portfolio Turnover Rate	46%(3)	99%	111%	114%	124%	85%	

<sup>(1)</sup> Per share amount is based on average shares outstanding.

<sup>(2)</sup> Calculated based on the net asset value as of the last business day of the period. Performance does not reflect fees and expenses imposed by your insurance company's separate account. If performance information included the effect of these additional charges, the total return would be lower.

<sup>(3)</sup> Not annualized.

<sup>(4)</sup> Annualized.

<sup>(5)</sup> The Ratio of Expenses After Expense Limitation and Ratio of Net Investment Income reflect the rebate of certain Fund expenses in connection with the investments in Morgan Stanley affiliates during the period. The effect of the rebate on the ratios is disclosed in the above table as "Ratio of Rebate from Morgan Stanley Affiliates."

<sup>(6)</sup> Amount is less than 0.005%.

# Consolidated Financial Highlights

# **Global Strategist Portfolio**

	Class II					
	Six Months Ended June 30, 2023		Year Ended December 31,			
Selected Per Share Data and Ratios	(unaudited)	2022	2021	2020	2019	2018
Net Asset Value, Beginning of Period	\$7.58	\$11.23	\$10.93	\$10.85	\$9.79	\$11.11
Income (Loss) from Investment Operations:						
Net Investment Income <sup>(1)</sup>	0.07	0.13	0.09	0.08	0.15	0.15
Net Realized and Unrealized Gain (Loss)	0.48	(2.05)	0.80	0.94	1.56	(0.86)
Total from Investment Operations	0.55	(1.92)	0.89	1.02	1.71	(0.71)
Distributions from and/or in Excess of:						
Net Investment Income	_	_	(0.20)	(0.14)	(0.19)	(0.12)
Net Realized Gain	_	(1.73)	(0.39)	(0.80)	(0.46)	(0.49)
Total Distributions	_	(1.73)	(0.59)	(0.94)	(0.65)	(0.61)
Net Asset Value, End of Period	\$8.13	\$7.58	\$11.23	\$10.93	\$10.85	\$9.79
Total Return <sup>(2)</sup>	7.40%(3)	(17.07)%	8.22%	10.85%	17.74%	(6.65)%
Ratios to Average Net Assets and Supplemental Data:						
Net Assets, End of Period (Thousands)	\$13,771	\$13,548	\$16,785	\$16,204	\$16,589	\$16,906
Ratio of Expenses Before Expense Limitation	1.93%(4)	2.02%	1.77%	1.84%	1.74%	1.69%
Ratio of Expenses After Expense Limitation	0.97%(4)(5)	0.98%(5)	1.00%(5)	0.98%(5)	0.98%(5)	0.99%(5)
Ratio of Net Investment Income	1.79%(4)(5)	1.49%(5)	0.79%(5)	0.79%(5)	1.45%(5)	1.38%(5)
Ratio of Rebate from Morgan Stanley Affiliates	0.03%(4)	0.02%	0.00%(6)	0.02%	0.02%	0.01%
Portfolio Turnover Rate	46%(3)	99%	111%	114%	124%	85%

<sup>(1)</sup> Per share amount is based on average shares outstanding.

<sup>(2)</sup> Calculated based on the net asset value as of the last business day of the period. Performance does not reflect fees and expenses imposed by your insurance company's separate account. If performance information included the effect of these additional charges, the total return would be lower.

<sup>(3)</sup> Not annualized.

<sup>(4)</sup> Annualized.

<sup>(5)</sup> The Ratio of Expenses After Expense Limitation and Ratio of Net Investment Income reflect the rebate of certain Fund expenses in connection with the investments in Morgan Stanley affiliates during the period. The effect of the rebate on the ratios is disclosed in the above table as "Ratio of Rebate from Morgan Stanley Affiliates."

<sup>(6)</sup> Amount is less than 0.005%.

Morgan Stanley Variable Insurance Fund, Inc. (the "Company") is registered under the Investment Company Act of 1940, as amended (the "Act"), as an open-end management investment company. The Company is comprised of ten separate active, diversified and non-diversified funds (individually referred to as a "Fund," collectively as the "Funds"). The Company applies investment company accounting and reporting guidance Accounting Standards Codification ("ASC") Topic 946.

The accompanying consolidated financial statements relate to the Global Strategist Portfolio. The Fund seeks total return and offers two classes of shares — Class I and Class II. Both classes of shares have identical voting rights (except that shareholders of a Class have exclusive voting rights regarding any matter relating solely to that Class of shares), dividend, liquidation and other rights.

The Company is intended to be a funding vehicle for variable annuity contracts and variable life insurance policies offered by the separate accounts of certain life insurance companies.

**A. Significant Accounting Policies:** The following significant accounting policies are in conformity with U.S. generally accepted accounting principles ("GAAP"). Such policies are consistently followed by the Company in the preparation of its consolidated financial statements. GAAP may require management to make estimates and assumptions that affect the reported amounts and disclosures in the consolidated financial statements. Actual results may differ from those estimates.

The Fund may invest up to 25% of its total assets in a whollyowned subsidiary of the Fund organized as a company under the laws of the Cayman Islands, VIF Global Strategist Cayman Portfolio, Ltd. (the "Subsidiary"). The Subsidiary may invest, directly or indirectly through the use of derivatives, in securities, commodities, commodity-related instruments and other investments, primarily futures, swaps and notes. The Fund is the sole shareholder of the Subsidiary, and it is not currently expected that shares of the Subsidiary will be sold or offered to other investors. The consolidated portfolio of investments and consolidated financial statements include the positions and accounts of the Fund and the Subsidiary. All intercompany accounts and transactions of the Fund and the Subsidiary have been eliminated in consolidation and all accounting policies of the Subsidiary are consistent with those of the Fund. As of June 30, 2023, the Subsidiary represented approximately \$8,720,000 or approximately 10.59% of the total net assets of the Fund.

Investments in the Subsidiary are expected to provide the Fund with exposure to the commodity markets within the limitations of Subchapter M of the Code and recent Internal

Revenue Service ("IRS") revenue rulings, which require that a mutual fund receive no more than ten percent of its gross income from such investments in order to receive favorable tax treatment as a regulated investment company ("RIC"). Tax treatment of the income received from the Subsidiary may potentially be affected by changes in legislation, regulations or other legally binding authority, which could affect the character, timing and amount of the Fund's taxable income and distributions. If such changes occur, the Fund may need to significantly change its investment strategy and recognize unrealized gains in order to remain qualified for taxation as a RIC, which could adversely affect the Fund.

**1. Security Valuation:** (1) An equity portfolio security listed or traded on an exchange is valued at its latest reported sales price (or at the exchange official closing price if such exchange reports an official closing price), and if there were no sales on a given day and if there is no official exchange closing price for that day, the security is valued at the mean between the last reported bid and asked prices if such bid and asked prices are available on the relevant exchanges. If only bid prices are available then the latest bid price may be used. Listed equity securities not traded on the valuation date with no reported bid and asked prices available on the exchange are valued at the mean between the current bid and asked prices obtained from one or more reputable brokers/dealers. In cases where a security is traded on more than one exchange, the security is valued on the exchange designated as the primary market; (2) all other equity portfolio securities for which over-the-counter ("OTC") market quotations are readily available are valued at the latest reported sales price (or at the market official closing price if such market reports an official closing price), and if there was no trading in the security on a given day and if there is no official closing price from relevant markets for that day, the security is valued at the mean between the last reported bid and asked prices if such bid and asked prices are available on the relevant markets. An unlisted equity security that does not trade on the valuation date and for which bid and asked prices from the relevant markets are unavailable is valued at the mean between the current bid and asked prices obtained from one or more reputable brokers/dealers; (3) fixed income securities may be valued by an outside pricing service/vendor approved by the Company's Board of Directors (the "Directors"). The pricing service/vendor may employ a pricing model that takes into account, among other things, bids, yield spreads and/or other market data and specific security characteristics. If Morgan Stanley Investment Management Inc. (the "Adviser") or Morgan Stanley

Investment Management Limited ("MSIM Limited") (the "Sub-Adviser"), each a wholly-owned subsidiary of Morgan Stanley, determines that the price provided by the outside pricing service/vendor does not reflect the security's fair value or is unable to provide a price, prices from brokers/dealers may also be utilized. In these circumstances, the value of the security will be the mean of bid and asked prices obtained from brokers/dealers; (4) futures are valued at the settlement price on the exchange on which they trade or, if a settlement price is unavailable, at the last sale price on the exchange; (5) OTC swaps may be valued by an outside pricing service approved by the Directors or quotes from a broker/dealer. Swaps cleared on a clearinghouse or exchange may be valued using the closing price provided by the clearinghouse or exchange. Total return swaps may also be fair valued using direct accrual/return calculations if prices on the reference asset on the total return leg of the swap are available from a pricing service/vendor for such instrument. In the event that the reference asset on the total return leg of the swap is a benchmark index, then price of such reference asset may be obtained from a pricing service provider or from the benchmark index sponsor; (6) when market quotations are not readily available, as defined by Rule 2a-5 under the Act, including circumstances under which the Adviser or the Sub-Adviser determines that the closing price, last sale price or the mean between the last reported bid and asked prices are not reflective of a security's market value, portfolio securities are valued at their fair value as determined in good faith under procedures approved by and under the general supervision of the Directors. Occasionally, developments affecting the closing prices of securities and other assets may occur between the times at which valuations of such securities are determined (that is, close of the foreign market on which the securities trade) and the close of business of the New York Stock Exchange ("NYSE"). If developments occur during such periods that are expected to materially affect the value of such securities, such valuations may be adjusted to reflect the estimated fair value of such securities as of the close of the NYSE, as determined in good faith by the Directors or by the Adviser using a pricing service and/or procedures approved by the Directors; (7) foreign exchange transactions ("spot contracts") and foreign exchange forward contracts ("forward contracts") are valued daily using an independent pricing vendor at the spot and forward rates, respectively, as of the close of the NYSE; and (8) investments in mutual funds, including the Morgan Stanley Institutional Liquidity Funds, are valued at the net asset value ("NAV") as of the close of each business day.

In connection with Rule 2a-5 of the Act, the Directors have designated the Company's Adviser as its valuation designee. The valuation designee has responsibility for determining fair value and to make the actual calculations pursuant to the fair valuation methodologies previously approved by the Directors. Under procedures approved by the Directors, the Company's Adviser, as valuation designee, has formed a Valuation Committee whose members are approved by the Directors. The Valuation Committee provides administration and oversight of the Company's valuation policies and procedures, which are reviewed at least annually by the Directors. These procedures allow the Company to utilize independent pricing services, quotations from securities and financial instrument dealers and other market sources to determine fair value.

- 2. Fair Value Measurement: Financial Accounting Standards Board ("FASB") ASC 820, "Fair Value Measurement" ("ASC 820"), defines fair value as the price that would be received to sell an asset or pay to transfer a liability in an orderly transaction between market participants at the measurement date. ASC 820 establishes a three-tier hierarchy to distinguish between (1) inputs that reflect the assumptions market participants would use in valuing an asset or liability developed based on market data obtained from sources independent of the reporting entity (observable inputs) and (2) inputs that reflect the reporting entity's own assumptions about the assumptions market participants would use in valuing an asset or liability developed based on the best information available in the circumstances (unobservable inputs) and to establish classification of fair value measurements for disclosure purposes. Various inputs are used in determining the value of the Fund's investments. The inputs are summarized in the three broad levels listed below:
  - Level 1 unadjusted quoted prices in active markets for identical investments
  - Level 2 other significant observable inputs (including quoted prices for similar investments, interest rates, prepayment speeds, credit risk, etc.)
  - Level 3 significant unobservable inputs including the Fund's own assumptions in determining the fair value of investments. Factors considered in making this determination may include, but are not limited to, information obtained by contacting the issuer, analysts, or the appropriate stock exchange (for exchange-traded securities), analysis of the issuer's financial statements or other available documents and, if necessary, available information concerning other securities in similar circumstances.

The inputs or methodology used for valuing securities are not necessarily an indication of the risk associated with investing in those securities and the determination of the significance of a particular input to the fair value measurement in its entirety requires judgment and considers factors specific to each security.

The following is a summary of the inputs used to value the Fund's investments as of June 30, 2023:

Investment Type	Level 1 Unadjusted quoted prices (000)		Level 3 Significant unobservable inputs (000)	Total (000)
Assets:				
<b>Fixed Income Securities</b>				
Agency Fixed Rate				
Mortgages	\$ —	\$ 3,214	\$—	\$ 3,214
Asset-Backed Securities	_	240	_	240
Commercial Mortgage- Backed Securities	_	506	_	506
Corporate Bonds	_	8,728	_	8,728
Mortgages - Other	_	1,143	_	1,143
Sovereign	_	21,146	_	21,146
Supranational	_	604	_	604
U.S. Treasury Securities		3,059	_	3,059
Total Fixed Income		-,		
Securities	_	38,640	_	38,640
Common Stocks		·		
Aerospace & Defense	1.462	206	_	1,668
Air Freight & Logistics	92	71	_	163
Automobile Components	36	27	_	63
Automobiles	353	214	_	567
Banks	748	1,866	_	2,614
Beverages	272	220	_	492
Biotechnology	343	102	_	445
Broadline Retail	487	83	_	570
Building Products	87	82	_	169
Capital Markets	484	275	_	759
Chemicals	302	286	_	588
Commercial Services & Supplies	111	32	_	143
Communications Equipment	122	30	_	152
Construction & Engineering	40	69	_	109
Construction Materials	25	85	_	110
Consumer Finance	86	_	_	86
Consumer Staples Distribution & Retail	349	117	_	466
Containers & Packaging	44	14	_	58
Distributors	22	4	_	26
Diversified	6	19	_	25
Diversified Consumer	U	13	_	23
Services	_	8	_	8
Diversified Telecommunication Services	116	184	_	300
20				

Investment Type	Level 1 Unadjusted quoted prices (000)	Level 2 Other significant observable inputs (000)	Level 3 Significant unobservable inputs (000)	Total (000)
Common Stocks (cont'd)				
Electric Utilities	\$ 282	\$ 194	\$—	\$ 476
Electrical Equipment	104	191	_	295
Electronic Equipment,				
Instruments &	100	00		101
Components	102	29	_	131
Energy Equipment & Services	55	6	<b>—</b> †	61†
Entertainment	251	19	_'	270
Financial Services	623	142	_	765
Food Products	168	349		517
Gas Utilities	13	24	_	37
Ground Transportation	264	8		272
Health Care	33	_		33
Health Care Equipment &				33
Supplies	445	181	_	626
Health Care Providers				020
& Services	437	37	_	474
Health Care Technology	11	_	_	11
Hotel & Resort	5	_	_	5
Hotels, Restaurants &				
Leisure	376	213	_	589
Household Durables	55	23	_	78
Household Products	178	74	_	252
Independent Power & Renewable Electricity Producers	17	30		47
Independent Power Producers &	17	30	_	47
Energy Traders	_	1	_	1
Industrial	47	37	_	84
Industrial Conglomerates	130	144	_	274
Information Technology				
Services	316	27	_	343
Insurance	447	489	_	936
Interactive Media &	765	00		705
Services	765	20	_	785
Investment Companies		<u></u> †	_	<u>-</u> †
Leisure Products	7	_	_	7
Life Sciences Tools & Services	253	64	_	317
Machinery	288	241	_	529
Marine Transportation	_	26	_	26
Media	144	40	_	184
Metals & Mining	201	360	_	561
Multi-Utilities	117	103	_	220
Office	11	103	_	21
Oil, Gas & Consumable Fuels	864	504	_	1,368
Paper & Forest				
Products	4	33	_	37
Passenger Airlines	8	13	_	21
Personal Care Products	19	225	_	244
Pharmaceuticals	621	972	_	1,593

Investment Type	Level 1 Unadjusted quoted prices (000)	_	Level 3 Significant unobservable inputs (000)	Total (000)
Common Stocks (cont'd)	<u> </u>	(000)	(000)	(000)
Professional Services	\$ 164	\$ 155	\$-	\$ 319
Real Estate	\$ 104	\$ 155	Ş—	J 313
Management &				
Development	19	75		94
Residential	74	_	_	74
Retail	42	31	_	73
Semiconductors &	72	31		7.5
Semiconductor				
Equipment	1,180	339	_	1,519
Software	1,588	180†	_	1,768†
Specialized	153	_	_	153
Specialty Retail	355	48	_	403
Tech Hardware,				
Storage &				
Peripherals	1,097	8	_	1,105
Textiles, Apparel &	0.5	400		F10
Luxury Goods	85	428		513
Tobacco	95	74	_	169
Trading Companies &	71	56		107
Distributors	/1	36	_	127
Transportation Infrastructure	_	41	_	41
Water Utilities	15	14	_	29
Wireless	13	14		23
Telecommunication				
Services	48	24	_	72
Total Common Stocks	18,234	10,296†	—t	28,530†
Rights		3		3
Short-Term Investments				
Investment Company	12,892	_	_	12,892
U.S. Treasury Security	12,092	662		662
		002		
Total Short-Term Investments	12,892	662	_	13,554
Foreign Currency	12,032	002		13,334
Forward Exchange				
Contracts	_	133	_	133
Futures Contracts	120	_	_	120
Interest Rate Swap	120			
Agreements	_	86	_	86
Total Return Swap				
Agreements	_	757	_	757
Total Assets	31,246	50,577†	—†	81,823†
Liabilities:	•		•	
Foreign Currency				
Forward Exchange				
Contracts	_	(275)	_	(275)
Futures Contracts	(259)		_	(259)
Interest Rate Swap	(200)			(200)
Agreements	_	(121)	_	(121)
Total Return Swap		(121)		(121)
Agreements	_	(243)	_	(243)
Total Liabilities	(259)	(639)	_	(898)
			<u> </u>	
Total	\$30,987	\$49,938†	\$ <del></del> †	\$80,925 <sub>†</sub>

<sup>†</sup> Includes one or more securities valued at zero.

Transfers between investment levels may occur as the markets fluctuate and/or the availability of data used in an investment's valuation changes.

Following is a reconciliation of investments in which significant unobservable inputs (Level 3) were used in determining fair value:

	Stock (000)
Beginning Balance	\$—††
Purchases	_
Sales	_
Amortization of discount	_
Transfers in	_
Transfers out	_
Corporate actions	_
Change in unrealized	
appreciation (depreciation)	_
Realized gains (losses)	
Ending Balance	\$—††
Net change in unrealized appreciation	
(depreciation) from investments still	
held as of June 30, 2023	<u>\$</u> —

<sup>††</sup> Includes a security valued at zero.

# **3. Foreign Currency Translation and Foreign Investments:** The books and records of the Fund are maintained in U.S. dollars. Foreign currency amounts are translated into U.S. dollars as follows:

- investments, other assets and liabilities at the prevailing rate of exchange on the valuation date;
- investment transactions and investment income at the prevailing rates of exchange on the dates of such transactions.

Although the net assets of the Fund are presented at the foreign exchange rates and market values at the close of the period, the Fund does not isolate that portion of the results of operations arising as a result of changes in the foreign exchange rates from the fluctuations arising from changes in the market prices of securities held at period end. Similarly, the Fund does not isolate the effect of changes in foreign exchange rates from the fluctuations arising from changes in the market prices of securities sold during the period. Accordingly, realized and unrealized foreign currency gains (losses) on investments in securities are included in the reported net realized and unrealized gains (losses) on investment transactions and balances. However, pursuant to U.S. federal income tax regulations, gains and losses from certain foreign currency transactions and the foreign currency portion of gains and losses realized on sales and maturities of foreign

denominated debt securities are treated as ordinary income for U.S. federal income tax purposes.

Net realized gains (losses) on foreign currency transactions represent net foreign exchange gains (losses) from foreign currency forward exchange contracts, disposition of foreign currencies, currency gains (losses) realized between the trade and settlement dates on securities transactions, and the difference between the amount of investment income and foreign withholding taxes recorded on the Fund's books and the U.S. dollar equivalent amounts actually received or paid. The change in unrealized currency gains (losses) on foreign currency transactions for the period is reflected in the Consolidated Statement of Operations.

Foreign security and currency transactions may involve certain considerations and risks not typically associated with those of U.S. dollar denominated transactions as a result of, among other factors, fluctuations of exchange rates in relation to the U.S. dollar, the possibility of lower levels of governmental supervision and regulation of foreign securities markets and the possibility of political or economic instability.

Governmental approval for foreign investments may be required in advance of making an investment under certain circumstances in some countries, and the extent of foreign investments in U.S. companies may be subject to limitation in other countries. Foreign ownership limitations also may be imposed by the charters of individual companies to prevent, among other concerns, violations of foreign investment limitations. As a result, an additional class of shares (identified as "Foreign" in the Consolidated Portfolio of Investments) may be created and offered for investment. The "local" and "foreign shares" market values may differ. In the absence of trading of the foreign shares in such markets, the Fund values the foreign shares at the closing exchange price of the local shares.

**4. Derivatives:** The Fund may, but is not required to, use derivative instruments for a variety of purposes, including hedging, risk management, portfolio management or to earn income. Derivative instruments used by the Fund will be counted towards the Fund's exposure in the types of securities listed herein to the extent they have economic characteristics similar to such securities. Derivatives are financial instruments whose value is based, in part, on the value of an underlying asset, interest rate, index or financial instrument. Prevailing interest rates and volatility levels, among other things, also affect the value of derivative instruments. A derivative instrument often

has risks similar to its underlying asset and may have additional risks, including imperfect correlation between the value of the derivative and the underlying asset, risks of default by the counterparty to certain transactions, magnification of losses incurred due to changes in the market value of the securities, instruments, indices or interest rates to which the derivative instrument relates, risks that the transactions may not be liquid, risks arising from margin and payment requirements, risks arising from mispricing or valuation complexity and operational and legal risks. The use of derivatives involves risks that are different from, and possibly greater than, the risks associated with other portfolio investments. Derivatives may involve the use of highly specialized instruments that require investment techniques and risk analyses different from those associated with other portfolio investments. All of the Fund's holdings, including derivative instruments, are marked-to-market each day with the change in value reflected in unrealized appreciation (depreciation). Upon disposition, a realized gain or loss is recognized.

Certain derivative transactions may give rise to a form of leverage. Leverage magnifies the potential for gain and the risk of loss. Leverage associated with derivative transactions may cause the Fund to liquidate portfolio positions when it may not be advantageous to do so to satisfy its obligations or may cause the Fund to be more volatile than if the Fund had not been leveraged. Although the Adviser and/or Sub-Adviser seek to use derivatives to further the Fund's investment objectives, there is no assurance that the use of derivatives will achieve this result.

Following is a description of the derivative instruments and techniques that the Fund used during the period and their associated risks:

### **Foreign Currency Forward Exchange Contracts:**

In connection with its investments in foreign securities, the Fund also entered into contracts with banks, brokers/dealers to purchase or sell foreign currencies at a future date. A foreign currency forward exchange contract ("currency contract") is a negotiated agreement between the contracting parties to exchange a specified amount of currency at a specified future time at a specified rate. The rate can be higher or lower than the spot rate between the currencies that are the subject of the contract. Currency contracts may be used to protect against uncertainty in the level of future foreign currency exchange rates or to gain or modify exposure to a particular currency. In addition, the Fund may use cross currency hedging or proxy hedging with respect to currencies in which the Fund has or expects to have portfolio or currency exposure. Cross currency hedges involve

the sale of one currency against the positive exposure to a different currency and may be used for hedging purposes or to establish an active exposure to the exchange rate between any two currencies. To the extent hedged by the use of currency contracts, the precise matching of the currency contract amounts and the value of the securities involved will not generally be possible because the future value of such securities in foreign currencies will change as a consequence of market movements in the value of those securities between the date on which the contract is entered into and the date it matures. Furthermore, such transactions may reduce or preclude the opportunity for gain if the value of the currency should move in the direction opposite to the position taken. There is additional risk to the extent that currency contracts create exposure to currencies in which the Fund's securities are not denominated. Unanticipated changes in currency prices may result in poorer overall performance for the Fund than if it had not entered into such contracts. The use of currency contracts involves the risk of loss from the insolvency or bankruptcy of the counterparty to the contract or the failure of the counterparty to make payments or otherwise comply with the terms of the contract. A currency contract is marked-to-market daily and the change in market value is recorded by the Fund as unrealized gain or loss. The Fund records realized gains (losses) when the currency contract is closed equal to the difference between the value of the currency contract at the time it was opened and the value at the time it was closed.

Futures: A futures contract is a standardized, exchangetraded agreement to buy or sell a specific quantity of an underlying asset, reference rate or index at a specific price at a specific future time. The value of a futures contract tends to increase and decrease in tandem with the value of the underlying instrument. Depending on the terms of the particular contract, futures contracts are settled through either physical delivery of the underlying instrument on the settlement date or by payment of a cash settlement amount on the settlement date. During the period the futures contract is open, payments are received from or made to the broker based upon changes in the value of the contract (the variation margin). A decision as to whether, when and how to use futures contracts involves the exercise of skill and judgment and even a wellconceived futures transaction may be unsuccessful because of market behavior or unexpected events. In addition to the derivatives risks discussed above, the prices of futures contracts can be highly volatile, using futures contracts can lower total return and the potential loss

from futures contracts can exceed the Fund's initial investment in such contracts. No assurance can be given that a liquid market will exist for any particular futures contract at any particular time.

**Swaps:** The Fund may enter into OTC swap contracts or cleared swap transactions. A swap contract is an agreement between two parties pursuant to which the parties exchange payments at specified dates on the basis of a specified notional amount, with the payments calculated by reference to specified securities, indices, reference rates, currencies or other instruments. Typically swap agreements provide that when the period payment dates for both parties are the same, the payments are made on a net basis (i.e., the two payment streams are netted out, with only the net amount paid by one party to the other). The Fund's obligations or rights under a swap contract entered into on a net basis will generally be equal only to the net amount to be paid or received under the agreement, based on the relative values of the positions held by each party. Cleared swap transactions may help reduce counterparty credit risk. In a cleared swap, the Fund's ultimate counterparty is a clearinghouse rather than a swap dealer, bank or other financial institution. OTC swap agreements are not entered into or traded on exchanges and often there is no central clearing or guaranty function for OTC swaps. These OTC swaps are often subject to credit risk or the risk of default or non-performance by the counterparty. Both OTC and cleared swaps could result in losses if interest rates, foreign currency exchange rates or other factors are not correctly anticipated by the Fund or if the reference index, security or investments do not perform as expected. During the period swap agreements are open, payments are received from or made to the counterparty or clearing-house based on changes in the value of the contract or variation margin, respectively. The Dodd-Frank Wall Street Reform and Consumer Protection Act and related regulatory developments require the clearing and exchange-trading of certain standardized swap transactions. Mandatory exchange-trading and clearing is occurring on a phased-in basis based on the type of market participant and U.S. Commodities Futures Trading Commission ("CFTC") approval of contracts for central clearing and exchange trading.

The Fund may enter into total return swaps in which one party agrees to make periodic payments to another party based on the change in market value of the assets underlying the contract, which may include, but not be limited to, a specified security, basket of securities or securities

indices during the specified period, in return for periodic payments based on a fixed or variable interest rate or the total return from other underlying assets. Total return swaps may be used to obtain long or short exposure to a security or market without owning or taking physical custody of such security or investing directly in such market. Total return swaps may effectively add leverage to the Fund's portfolio because, in addition to its total net assets, the Fund would be subject to investment exposure on the notional amount of the swap. Total return swaps are subject to the risk that a counterparty will default on its payment obligations to the Fund thereunder, and conversely, that the Fund will not be able to meet its obligation to the counterparty.

The Fund may enter into interest rate swaps which is an agreement between two parties to exchange their respective commitments to pay or receive interest. Interest rate swaps are generally entered into on a net basis. Interest rate swaps do not involve the delivery of securities, other underlying assets, or principal. Accordingly, the risk of market loss with respect to interest rate swaps is typically limited to the net amount of interest payments that the Fund is contractually obligated to make.

When the Fund has an unrealized loss on a swap agreement, the Fund has instructed the custodian to pledge cash or liquid securities as collateral with a value approximately equal to the amount of the unrealized loss. Collateral pledges are monitored and subsequently adjusted if and when the swap valuations fluctuate. If applicable, cash collateral is included with "Due from (to) Broker" in the Consolidated Statement of Assets and Liabilities.

Upfront payments paid or received by the Fund will be reflected as an asset or liability, respectively, in the Consolidated Statement of Assets and Liabilities.

FASB ASC 815, "Derivatives and Hedging" ("ASC 815"), is intended to improve financial reporting about derivative instruments by requiring enhanced disclosures to enable investors to better understand how and why the Fund uses derivative instruments, how these derivative instruments are accounted for and their effects on the Fund's financial position and results of operations.

The following tables set forth the fair value of the Fund's derivative contracts by primary risk exposure as of June 30, 2023:

Asset Derivetives

	Consolidated Statement of Assets		
	and Liabilities Location	Primary Risk Exposure	
Foreign Currency	Unrealized Appreciation	Exposure	(000)
Forward	on Foreign Currency		
Exchange	Forward Exchange		
Contracts	Contracts	Currency Risk	\$ 133
<b>Futures Contracts</b>	Variation Margin on		
	Futures Contracts	Equity Risk	31(a)
Futures Contracts	Variation Margin on	Interest	
	Futures Contracts	Rate Risk	89(a)
Swap Agreements	Variation Margin on	Interest	
	Swap Agreements	Rate Risk	86(a)
Swap Agreements	Unrealized Appreciation		
	on Swap Agreements	Equity Risk	757
Total			\$1,096

	Liability Derivatives Consolidated Statement of Assets			
	and Liabilities Location	Primary Risk Exposure	Value (000)	
Foreign Currency	Unrealized Depreciation	•		
Forward	on Foreign Currency			
Exchange	Forward Exchange			
Contracts	Contracts	Currency Risk	\$(275)	
<b>Futures Contracts</b>	Variation Margin on	Commodity		
	Futures Contracts	Risk	(45)(a)	
<b>Futures Contracts</b>	Variation Margin on			
	Futures Contracts	Equity Risk	(91)(a)	
<b>Futures Contracts</b>	Variation Margin on	Interest		
	Futures Contracts	Rate Risk	(123)(a)	
Swap Agreements	Variation Margin on	Interest		
	Swap Agreements	Rate Risk	(121)(a)	
Swap Agreements Unrealized Depreciation				
	on Swap Agreements	Equity Risk	(243)	
Total			\$(898)	

<sup>(</sup>a) This amount represents the cumulative appreciation (depreciation) as reported in the Consolidated Portfolio of Investments. The Consolidated Statement of Assets and Liabilities only reflects the current day's net variation margin.

The following tables set forth by primary risk exposure the Fund's realized gains (losses) and change in unrealized appreciation (depreciation) by type of derivative contract for the six months ended June 30, 2023 in accordance with ASC 815:

Realized Gain (Loss)

rtounzou dum (2000)				
Primary Risk Exposure	Derivative Type	Value (000)		
Currency Risk	Foreign Currency Forward			
-	Exchange Contracts	\$ (371)		
Commodity Risk	Futures Contracts	(18)		
Equity Risk	Futures Contracts	(22)		
Interest Rate Risk	Futures Contracts	(207)		
Currency Risk	Futures Contracts	(32)		
Equity Risk	Swap Agreements	3,825		
Interest Rate Risk	Swap Agreements	(704)		
Total		\$2,471		

Change in Unrealized Appreciation (Depreciation)					
Primary Risk Exposure	Derivative Type	Value (000)			
Currency Risk	Foreign Currency Forward				
-	Exchange Contracts	\$ (283)			
Commodity Risk	Futures Contracts	(49)			
Equity Risk	Futures Contracts	(93)			
Interest Rate Risk	Futures Contracts	(162)			
Equity Risk	Swap Agreements	(772)			
Interest Rate Risk	Swap Agreements	108			
Total		\$(1,251)			

At June 30, 2023, the Fund's derivative assets and liabilities are as follows:

Gross Amounts of Assets and Liabilities Presented in the Consolidated Statement of Assets and Liabilities

Derivatives(a)	Assets(b) (000)	Liabilities(b) (000)
Foreign Currency Forward Exchange Contracts Swaps	\$133 757	\$(275) (243)
Total	\$890	\$(518)

<sup>(</sup>a) Excludes exchange-traded derivatives.

The Fund typically enters into International Swaps and Derivatives Association, Inc. Master Agreements ("ISDA Master Agreements") or similar master agreements (collectively, "Master Agreements") with its contract counterparties for certain OTC derivatives in order to, among other things, reduce its credit risk to counterparties. ISDA Master Agreements include provisions for general obligations, representations, collateral and events of default or termination. Under an ISDA Master Agreement, the Fund typically may offset with the counterparty certain OTC derivative financial instruments' payables and/or receivables with collateral held and/or posted and

create one single net payment (close-out netting) in the event of default, termination and/or potential deterioration in the credit quality of the counterparty. Various Master Agreements govern the terms of certain transactions with counterparties, including transactions such as swap, forward, repurchase and reverse repurchase agreements. These Master Agreements typically attempt to reduce the counterparty risk associated with such transactions by specifying credit protection mechanisms and providing standardization that improves legal certainty. Cross-termination provisions under Master Agreements typically provide that a default in connection with one transaction between the Fund and a counterparty gives the non-defaulting party the right to terminate any other transactions in place with the defaulting party to create one single net payment due to/due from the defaulting party and may be a feature in certain Master Agreements. In the event the Fund exercises its right to terminate a Master Agreement after a counterparty experiences a termination event as defined in the Master Agreement, the return of collateral with market value in excess of the Fund's net liability may be delayed or denied.

The following tables present derivative financial instruments that are subject to enforceable netting arrangements as of June 30, 2023:

Gross Amounts Not Offset in the Consolidated Statement of Assets and Liabilities

Assets and Liabilities					
Counterparty	Gross Asset Derivatives Presented in the Consolidated Statement of Assets and Liabilities (000)	Financial Instrument R (000)	Collateral ( eceived(a) t (000)		
Bank of	,,,,,	, ,			
America NA	\$ 5	\$ (—@)	\$ —	\$ 5	
Barclays Bank	,	+ ( -/	*	, ,	
PLĆ	44	(18)	_	26	
BNP Paribas SA	369	(158)	(211)	0	
Citibank NA	3	(3)	_	0	
Goldman Sachs					
International	304	(29)	(275)	0	
JPMorgan Chase					
Bank NA	100	(98)	_	2	
UBS AG	65	(28)	_	37	
Total	\$890	\$(334)	\$(486)	\$70	

<sup>(</sup>b) Absent an event of default or early termination, OTC derivative assets and liabilities are presented gross and not offset in the Consolidated Statement of Assets and Liabilities.

Gross Amounts Not Offset in the Consolidated Statement of

Assets and Liabilities				
Counterparty	Gross Liability Derivatives Presented in the Consolidated Statement of Assets and Liabilities (000)	Financial Instrument (000)		
Bank of	•			
America NA	\$ —@	9 \$ (—@	) \$ —	\$ 0
Barclays Bank				
PLC	20	(18)	_	2
BNP Paribas SA		(158)	_	19
Citibank NA	4	(3)	_	1
Credit Agricole				_
CIB	2	_	_	2
Goldman Sachs	104	(00)	(0.5)	
International	124	(29)	(95)	
HSBC Bank PLC	_	_	_	1
JPMorgan Chase Bank NA	153	(98)		55
State Street	155	(90)	_	55
Bank and				
Trust Co.	_@	D	_	_@
UBS AG	28	(28)	_	0
Westpac Banking		(20)		J
Corp.	9	_	_	9
Total	\$518	\$(334)	\$(95)	\$89

<sup>@</sup> Value is less than \$500.

For the six months ended June 30, 2023, the approximate average monthly amount outstanding for each derivative type is as follows:

### **Foreign Currency Forward Exchange Contracts:**

Average monthly principal amount	\$34,652,000
Futures Contracts:	
Average monthly notional value	\$37,714,000
Swap Agreements:	
Average monthly notional amount	\$22,644,000

# 5. When-Issued/Delayed Delivery Securities: The Fund purchases and sells when-issued and delayed delivery securities. Securities purchased on a when-issued or delayed delivery basis are purchased for delivery beyond the normal settlement date at a stated price and yield, and no income accrues to the Fund on such securities prior to delivery date. Payment and delivery for whenissued and delayed delivery securities can take place a month or more after the date of the transaction. When the Fund enters into a purchase transaction on a whenissued or delayed delivery basis, securities are available for collateral in an amount at least equal in value to the

Fund's commitments to purchase such securities. Purchasing securities on a when-issued or delayed delivery basis may involve a risk that the market price at the time of delivery may be lower than the agreed upon purchase price, in which case there could be an unrealized loss at the time of delivery. Purchasing investments on a when-issued or delayed delivery basis may be considered a form of leverage which may increase the impact that gains (losses) may have on the Fund.

**6. Indemnifications:** The Company enters into contracts that contain a variety of indemnifications. The Company's maximum exposure under these arrangements is unknown. However, the Company has not had prior claims or losses pursuant to these contracts and expects the risk of loss to be remote.

# 7. Security Transactions, Income and Expenses:

Security transactions are accounted for on the trade date (date the order to buy or sell is executed). Realized gains and losses on the sale of investment securities are determined on the specific identified cost method. Dividend income and other distributions are recorded on the exdividend date (except for certain foreign dividends which may be recorded as soon as the Fund is informed of such dividends) net of applicable withholding taxes. Non-cash dividends received in the form of stock, if any, are recognized on the ex-dividend date and recorded as non-cash dividend income at fair value. Interest income is recognized on the accrual basis (except where collection is in doubt) net of applicable withholding taxes. Discounts are accreted and premiums are amortized over the life of the respective securities. Most expenses of the Company can be directly attributed to a particular Fund. Expenses which cannot be directly attributed are apportioned among the Funds based upon relative net assets or other appropriate methods. Income, expenses (other than class specific expenses) and realized and unrealized gains or losses are allocated to each class of shares based upon their relative net assets.

Settlement and registration of foreign securities transactions may be subject to significant risks not normally associated with investments in the United States. In certain markets, ownership of shares is defined according to entries in the issuer's share register. It is possible that a Fund holding these securities could lose its share registration through fraud, negligence or even mere oversight. In addition, shares being delivered for sales and cash being paid for purchases may be delivered before the exchange is complete. This may subject the Fund to further risk of

<sup>(</sup>a) In some instances, the actual collateral received/pledged may be more than the amount shown here due to overcollateralization.

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# Notes to Consolidated Financial Statements (cont'd)

loss in the event of a failure to complete the transaction by the counterparty.

### 8. Dividends and Distributions to Shareholders:

Dividends and distributions to shareholders are recorded on the ex-dividend date. Dividends from net investment income, if any, are declared and paid annually. Net realized capital gains, if any, are distributed at least annually.

**B.** Advisory/Sub-Advisory Fees: The Adviser, a wholly-owned subsidiary of Morgan Stanley, provides the Fund with advisory services under the terms of an Investment Advisory Agreement, paid quarterly, at the annual rate based on the daily net assets as follows:

First \$500 million	Next \$500 million	Over \$1 billion
0.75%	0.70%	0.65%

For the six months ended June 30, 2023, the advisory fee rate (net of waiver/rebate) was equivalent to an annual effective rate of 0.00% of the Fund's average daily net assets.

The Adviser has agreed to reduce its advisory fee and/or reimburse the Fund so that total annual Fund operating expenses, excluding certain investment related expenses, taxes, interest and other extraordinary expenses (including litigation), will not exceed 0.90% for Class I shares and 1.00% for Class II shares. The fee waivers and/or expense reimbursements will continue for at least one year from the date of the Fund's prospectus or until such time as the Directors act to discontinue all or a portion of such waivers and/or reimbursements when they deem such action is appropriate. For the six months ended June 30, 2023, approximately \$304,000 of advisory fees were waived and approximately \$11,000 of other expenses were reimbursed by the Adviser pursuant to this arrangement.

The Adviser has entered into a Sub-Advisory Agreement with the Sub-Adviser, a wholly-owned subsidiary of Morgan Stanley. The Sub-Adviser provides the Fund with advisory services subject to the overall supervision of the Adviser and the Fund's Officers and Directors. The Adviser pays the Sub-Adviser on a monthly basis a portion of the net advisory fees the Adviser receives from the Fund.

The Adviser provides investment advisory services to the Subsidiary pursuant to the Subsidiary Investment Management Agreement (the "Agreement"). Under the Agreement, the Subsidiary will pay the Adviser at the end of each fiscal quarter, calculated by applying a quarterly rate, based on the annual rate of 0.05%, to the average daily net assets of the Subsidiary.

The Adviser has agreed to waive its advisory fees by the amount of advisory fees it receives from the Subsidiary.

**C. Administration Fees:** The Adviser also serves as Administrator to the Company and provides administrative services pursuant to an Administration Agreement for an annual fee, accrued daily and paid monthly, of 0.08% of the Fund's average daily net assets.

Under a Sub-Administration Agreement between the Administrator and State Street Bank and Trust Company ("State Street"), State Street provides certain administrative services to the Company. For such services, the Administrator pays State Street a portion of the fee the Administrator receives from the Fund.

**D. Servicing Fees:** The Company accrues daily and pays quarterly a servicing fee of up to 0.17% of the average daily value of shares of the Fund held in an insurance company's account. Certain insurance companies have entered into a servicing agreement with the Company to provide administrative and other contract-owner related services on behalf of the Fund.

**E. Distribution Fees:** Morgan Stanley Distribution, Inc. ("MSDI" or the "Distributor"), a wholly-owned subsidiary of the Adviser and an indirect subsidiary of Morgan Stanley, serves as the Distributor of the Fund and provides the Fund's Class II shareholders with distribution services pursuant to a Distribution Plan (the "Plan") in accordance with Rule 12b-1 under the Act. Under the Plan, the Fund is authorized to pay the Distributor a distribution fee, which is accrued daily and paid monthly, at an annual rate of 0.25% of the Fund's average daily net assets attributable to Class II shares. The Distributor has agreed to waive 0.15% of the 0.25% distribution fee that it may receive. This fee waiver will continue for at least one year from the date of the Fund's prospectus or until such time as the Directors act to discontinue all or a portion of such waiver when they deem such action is appropriate. For the six months ended June 30, 2023, this waiver amounted to approximately \$10,000.

# F. Dividend Disbursing and Transfer/Co-Transfer

**Agent:** The Company's dividend disbursing and transfer agent is SS&C Global Investor & Distribution Solutions, Inc. ("SS&C GIDS, Inc."). Pursuant to a Transfer Agency Agreement, the Company pays SS&C GIDS, Inc. a fee based on the number of classes, accounts and transactions relating to the Funds of the Company.

Eaton Vance Management ("EVM"), an affiliate of Morgan Stanley, provides co-transfer agency and related services to the Fund pursuant to a Co-Transfer Agency Services Agreement. For the six months ended June 30, 2023, co-transfer agency fees and expenses incurred to EVM, included in "Transfer Agency Fees" in the Consolidated Statement of Operations, amounted to less than \$500.

**G. Custodian Fees:** State Street (the "Custodian") also serves as Custodian for the Company in accordance with a Custodian Agreement. The Custodian holds cash, securities and other assets of the Company as required by the Act. Custody fees are payable monthly based on assets held in custody, investment purchases and sales activity and account maintenance fees, plus reimbursement for certain out-of-pocket expenses.

**H. Security Transactions and Transactions with Affiliates:** For the six months ended June 30, 2023, purchases and sales of investment securities for the Fund, other than long-term U.S. Government securities and short-term investments were approximately \$15,116,000 and \$18,406,000, respectively. For the six months ended June 30, 2023, purchases and sales of long-term U.S. Government securities were approximately \$15,109,000 and \$14,938,000, respectively.

The Fund invests in the Institutional Class of the Morgan Stanley Institutional Liquidity Funds — Government Portfolio (the "Liquidity Funds"), an open-end management investment company managed by the Adviser. Advisory fees paid by the Fund are reduced by an amount equal to its pro-rata share of the advisory and administration fees paid by the Fund due to its investment in the Liquidity Funds. For the six months ended June 30, 2023, advisory fees paid were reduced by approximately \$11,000 relating to the Fund's investment in the Liquidity Funds.

A summary of the Fund's transactions in shares of affiliated investments during the six months ended June 30, 2023 is as follows:

	Value			
Affiliated	December 31,	Purchases	Proceeds	Dividend
Investment	2022	at Cost	from Sales	Income
Company	(000)	(000)	(000)	(000)
Liquidity Funds	\$12,170	\$21,398	\$20,676	\$289

		Change in	
		Unrealized	Value
Affiliated	Realized	Appreciation	June 30,
Investment	Gain (Loss)	(Depreciation)	2023
Company (cont'd)	(000)	(000)	(000)
Liquidity Funds	\$—	\$—	\$12,892

The Fund is permitted to purchase and sell securities ("cross-trade") from and to other Morgan Stanley funds as well as other funds and client accounts for which the Adviser or an affiliate of the Adviser serves as investment adviser, pursuant to procedures approved by the Directors in compliance with Rule 17a-7 under the Act (the "Rule"). Each cross-trade is executed at the current market price in compliance with provisions of the Rule. For the six months ended June 30, 2023, the Fund did not engage in any cross-trade transactions.

The Fund has an unfunded Deferred Compensation Plan (the "Compensation Plan"), which allows each independent Director to defer payment of all, or a portion, of the fees he or she receives for serving on the Board of Directors. Each eligible Director generally may elect to have the deferred amounts credited with a return equal to the total return on one or more of the Morgan Stanley funds that are offered as investment options under the Compensation Plan. Appreciation/depreciation and distributions received from these investments are recorded with an offsetting increase/decrease in the deferred compensation obligation and do not affect the NAV of the Fund.

**I. Federal Income Taxes:** It is the Fund's intention to continue to qualify as a RIC and distribute all of its taxable and tax-exempt income. Accordingly, no provision for federal income taxes is required in the consolidated financial statements.

The Fund may be subject to taxes imposed by countries in which it invests. Such taxes are generally based on income and/or capital gains earned or repatriated. Taxes are accrued based on net investment income, net realized gains and net unrealized appreciation as such income and/or gains are earned. Taxes may also be based on transactions in foreign currency and are accrued based on the value of investments denominated in such currency.

FASB ASC 740-10, "Income Taxes — Overall", sets forth a minimum threshold for consolidated financial statement recognition of the benefit of a tax position taken or expected to be taken in a tax return. Management has concluded there are no significant uncertain tax positions that would require recognition in the consolidated financial statements. If applicable, the Fund recognizes interest accrued related to unrecognized tax benefits in "Interest Expense" and penalties in "Other Expenses" in the Consolidated Statement of Operations. The Fund files tax returns with the U.S. Internal Revenue Service, New York and various states. Generally, each of the tax years in the four-year period ended December 31, 2022 remains subject to examination by taxing authorities.

The tax character of distributions paid may differ from the character of distributions shown for GAAP purposes due to short-term capital gains being treated as ordinary income for tax purposes. The tax character of distributions paid during fiscal years 2022 and 2021 was as follows:

	istributions d From:		istributions d From:
Ordinary Income (000)	Long-Term Capital Gain (000)	Ordinary Income (000)	Long-Term Capital Gain (000)
\$5,286	\$9,929	\$4,054	\$1,510

The amount and character of income and gains to be distributed are determined in accordance with income tax regulations which may differ from GAAP. These book/tax differences are either considered temporary or permanent in nature.

Temporary differences are attributable to differing book and tax treatments for the timing of the recognition of gains (losses) on certain investment transactions and the timing of the deductibility of certain expenses.

The Fund had no permanent differences causing reclassifications among the components of net assets for the year ended December 31, 2022.

At December 31, 2022, the components of distributable earnings for the Fund on a tax basis were as follows:

Undistributed	Undistributed
Ordinary	Long-Term
Income	Capital Gain
(000)	(000)
\$1,337	\$—

At December 31, 2022, the Fund had available for federal income tax purposes unused short-term capital losses of approximately \$4,874,000 that do not have an expiration date.

To the extent that capital loss carryforwards are used to offset any future capital gains realized, no capital gains tax liability will be incurred by the Fund for gains realized and not distributed. To the extent that capital gains are offset, such gains will not be distributed to the shareholders.

- **J. Credit Facility:** The Company and other Morgan Stanley funds participated in a \$300,000,000 committed, unsecured revolving line of credit facility (the "Facility") with State Street. Effective April 17, 2023, the committed line amount increased to \$500,000,000. This Facility is to be used for temporary emergency purposes or funding of shareholder redemption requests. The interest rate for any funds drawn will be based on the federal funds rate or overnight bank funding rate plus a spread. The Facility also has a commitment fee of 0.25% per annum based on the unused portion of the Facility, which is allocated among participating funds based on relative net assets. During the six months ended June 30, 2023, the Fund did not have any borrowings under the Facility.
- **K. Other:** At June 30, 2023, the Fund had record owners of 10% or greater. Investment activities of these shareholders could have a material impact on the Fund. The aggregate percentage of such owners was 80.4%.
- **L. Market Risk:** An investment in the Fund is based on the values of the Fund's investments, which may change due to economic and other events that affect markets generally, as well as those that affect particular regions, countries, industries, companies or governments. Social, political, economic

and other conditions and events, such as war, natural disasters, health emergencies (e.g., epidemics and pandemics), terrorism, conflicts, social unrest, recessions, inflation, rapid interest rate changes and supply chain disruptions, may occur and could significantly impact issuers, industries, governments and other systems, including the financial markets and global economy. It is difficult to predict when events affecting the U.S. or global financial markets and economies may occur, the effects that such events may have and the duration of those effects (which may last for extended periods). These events may be sudden and significant and may negatively impact broad segments of businesses and populations and have a significant and rapid negative impact on the performance of and/or income or yield from the Fund's investments and exacerbate pre-existing risks to the Fund. The occurrence, duration and extent of these or other types of adverse economic and market conditions and uncertainty over the long term cannot be reasonably projected or estimated at this time. The ultimate impact of public health emergencies or other adverse economic or market developments and the extent to which the associated conditions impact the Fund and its investments will also depend on other future developments, which are highly uncertain, difficult to accurately predict and subject to change at any time. The financial performance of the Fund's investments (and, in turn, the Fund's investment results) as well as their liquidity may be adversely affected because of these and similar types of factors and developments.

M. LIBOR Discontinuance or Unavailability Risk: The London Interbank Offering Rate ("LIBOR") was a leading floating rate benchmark used in loans, notes, derivatives and other instruments or investments. As a result of benchmark reforms, publication of most LIBOR settings has ceased. Some LIBOR settings continue to be published but only on a temporary, synthetic and non-representative basis. Regulated entities have generally ceased entering into new LIBOR contracts in connection with regulatory guidance or prohibitions. Public and private sector actors have worked to establish new or alternative reference rates to be used in place of LIBOR. There is no assurance that the composition or characteristics of any such new or alternative reference rate will be similar to or produce the same value or economic equivalence as LIBOR or that it will have the same volume or liquidity as did LIBOR, which may affect the value or liquidity or return on certain of the Fund's investments and result in costs incurred in connection with closing out positions and entering into new trades.

Neither the effect of the LIBOR transition process nor its ultimate success can yet be known. The transition process might lead to increased volatility and illiquidity in markets for, and reduce the effectiveness of hedges placed against, instruments

whose terms currently include (or previously included) LIBOR. While some LIBOR-based instruments contemplated a scenario where LIBOR is no longer available by providing for an alternative rate-setting methodology, there may be significant uncertainty regarding the effectiveness of any such alternative methodologies to replicate or replace LIBOR. Some of the Fund's investments may be so-called "tough legacy" LIBOR instruments which may not have effective alternative rate-setting provisions or may involve counterparties who are unwilling to add or exercise rights under alternative rate-setting provisions in such instruments. On March 15, 2022, the Adjustable Interest Rate (LIBOR) Act was signed into law. This law provides a statutory fallback mechanism on a nationwide basis to replace U.S. Dollar LIBOR with a benchmark rate that is selected by the Board of Governors of the Federal Reserve System based on the Secured Overnight Financing Rate ("SOFR") for tough legacy contracts. On February 27, 2023, the final rule in connection with this law became effective, establishing benchmark replacements based on SOFR and Term SOFR (a forward-looking measurement of market expectations of SOFR implied from certain derivatives markets) for applicable tough legacy contracts governed by U.S. law. In addition, the FCA has announced that it will require the publication of the one-month, three-month and six-month U.S. Dollar LIBOR settings on the basis of a changed methodology (known as "synthetic LIBOR"), after June 30, 2023 through at least September 30, 2024, addressing non-U.S. law governed U.S. Dollar LIBOR instruments, but this synthetic LIBOR will be designated by the FCA as unrepresentative of the underlying market that it seeks to measure and will be solely available for use in legacy transactions. The transition of investments from LIBOR to a new or replacement rate as a result of amendment, application of existing fallbacks, statutory requirements, the application of synthetic LIBOR or otherwise may also result in a reduction in the value of certain instruments held by the Fund or a reduction in the effectiveness of related Fund transactions such as hedges. In addition, a liquid market for newly-issued instruments that use a reference rate other than LIBOR is still developing. There may also be challenges for the Fund to enter into hedging transactions against such newly-issued instruments until a market for such hedging transactions more fully develops. All of the aforementioned may adversely affect the Fund's investments (including their volatility, value and liquidity) and, as a result, the performance or NAV.

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# Investment Advisory Agreement Approval

# Nature, Extent and Quality of Services

The Board reviewed and considered the nature and extent of the investment advisory services provided by the Adviser under the advisory agreement, including portfolio management, investment research and equity and fixed income securities trading. The Board reviewed similar information and factors regarding the Sub-Adviser, to the extent applicable. The Board also reviewed and considered the nature and extent of the non-advisory, administrative services provided by the Administrator under the administration agreement, including accounting, operations, clerical, bookkeeping, compliance, business management and planning, legal services and the provision of supplies, office space and utilities at the Adviser's expense. The Board also considered the Adviser's investment in personnel and infrastructure that benefits the Fund. (The Adviser, Sub-Adviser and Administrator together are referred to as the "Adviser" and the advisory, sub-advisory and administration agreements together are referred to as the "Management Agreement.") The Board also considered that the Adviser serves a variety of other investment advisory clients and has experience overseeing service providers. The Board also compared the nature of the services provided by the Adviser with similar services provided by non-affiliated advisers as prepared by Broadridge Financial Solutions, Inc. ("Broadridge").

The Board reviewed and considered the qualifications of the portfolio managers, the senior administrative managers and other key personnel of the Adviser who provide the advisory and administrative services to the Fund. The Board determined that the Adviser's portfolio managers and key personnel are well qualified by education and/or training and experience to perform the services in an efficient and professional manner. The Board concluded that the nature and extent of the advisory and administrative services provided were necessary and appropriate for the conduct of the business and investment activities of the Fund and supported its decision to approve the Management Agreement.

# Performance, Fees and Expenses of the Fund

The Board reviewed the performance, fees and expenses of the Fund compared to its peers, as prepared by Broadridge, and to appropriate benchmarks where applicable. The Board discussed with the Adviser the performance goals and the actual results achieved in managing the Fund. When considering a fund's performance, the Board and the Adviser place emphasis on trends and longer-term returns (focusing on one-year, three-year and five-year performance, as of December 31, 2022, or since inception, as applicable). When a fund underperforms its benchmark and/or its peer group average, the Board and the Adviser discuss the causes of such underperformance and, where necessary, they discuss specific changes to investment strategy or investment personnel. The Board noted that the Fund's performance was below its peer group average for the one-, three- and five-year periods. The Board discussed with the Adviser the level of the advisory and administration fees (together, the "management fee") for this Fund relative to comparable funds and/or other accounts advised by the Adviser and/or compared to its peers as prepared by Broadridge. In addition to the management fee, the Board also reviewed the Fund's total expense ratio. When a fund's management fee and/or its total expense ratio are higher than its peers, the Board and the Adviser discuss the reasons for this and, where appropriate, they discuss possible waivers and/or caps. The Board noted that the Fund's contractual management fee was higher than its peer group average and the actual management fee and total expense ratio were lower than its peer group averages. After discussion, the Board concluded that the Fund's (i) performance was acceptable; and (ii) management fee and total expense ratio were competitive with its peer group averages.

### **Economies of Scale**

The Board considered the size and growth prospects of the Fund and how that relates to the Fund's total expense ratio and particularly the Fund's management fee rate, which includes breakpoints. In conjunction with its review of the Adviser's profitability, the Board discussed with the Adviser how a change in assets can affect the efficiency or effectiveness of managing the Fund and whether the management fee level is appropriate relative to current and projected asset levels and/or whether the management fee structure reflects economies of scale as asset levels change. The Board has determined that its review of the actual and/or potential economies of scale of the Fund supports its decision to approve the Management Agreement.

# Investment Advisory Agreement Approval (cont'd)

# **Profitability of the Adviser and Affiliates**

The Board considered information concerning the costs incurred and profits realized by the Adviser and its affiliates during the last year from their relationship with the Fund and during the last two years from their relationship with the Morgan Stanley Fund Complex and reviewed with the Adviser the cost allocation methodology used to determine the profitability of the Adviser and affiliates. The Board has determined that its review of the analysis of the Adviser's expenses and profitability supports its decision to approve the Management Agreement.

# Other Benefits of the Relationship

The Board considered other direct and indirect benefits to the Adviser and/or its affiliates derived from their relationship with the Fund and other funds advised by the Adviser. These benefits may include, among other things, fees for trading, distribution and/or shareholder servicing and for transaction processing and reporting platforms used by securities lending agents, and research received by the Adviser generated from commission dollars spent on funds' portfolio trading. The Board reviewed with the Adviser these arrangements and the reasonableness of the Adviser's costs relative to the services performed. The Board has determined that its review of the other benefits received by the Adviser or its affiliates supports its decision to approve the Management Agreement.

## Resources of the Adviser and Historical Relationship Between the Fund and the Adviser

The Board considered whether the Adviser is financially sound and has the resources necessary to perform its obligations under the Management Agreement. The Board also reviewed and considered the historical relationship between the Fund and the Adviser, including the organizational structure of the Adviser, the policies and procedures formulated and adopted by the Adviser for managing the Fund's operations and the Board's confidence in the competence and integrity of the senior managers and key personnel of the Adviser. The Board concluded that the Adviser has the financial resources necessary to fulfill its obligations under the Management Agreement and that it is beneficial for the Fund to continue its relationship with the Adviser.

### **Other Factors and Current Trends**

The Board considered the controls and procedures adopted and implemented by the Adviser and monitored by the Fund's Chief Compliance Officer and concluded that the conduct of business by the Adviser indicates a good faith effort on its part to adhere to high ethical standards in the conduct of the Fund's business.

### **General Conclusion**

After considering and weighing all of the above factors, with various written materials and verbal information presented by the Adviser, the Board concluded that it would be in the best interest of the Fund and its shareholders to approve renewal of the Management Agreement for another year. In reaching this conclusion the Board did not give particular weight to any single piece of information or factor referenced above. The Board considered these factors and information over the course of the year and in numerous meetings, some of which were in executive session with only the independent Board members and their counsel present. It is possible that individual Board members may have weighed these factors, and the information presented, differently in reaching their individual decisions to approve the Management Agreement.

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# Liquidity Risk Management Program

In compliance with Rule 22e-4 under the Investment Company Act of 1940, as amended (the "Liquidity Rule"), the Fund has adopted and implemented a liquidity risk management program (the "Program"), which is reasonably designed to assess and manage the risk that the Fund could not meet requests to redeem shares issued by the Fund without significant dilution of remaining investors' interests in the Fund (i.e., liquidity risk). The Fund's Board of Directors (the "Board") previously approved the designation of the Liquidity Risk Subcommittee (the "LRS") as Program administrator. The LRS is comprised of representatives from various divisions within Morgan Stanley Investment Management.

At a meeting held on March 1-2, 2023, the Board reviewed a written report prepared by the LRS that addressed the Program's operation and assessed its adequacy, and effectiveness of implementation for the period from January 1, 2022, through December 31, 2022, as required under the Liquidity Rule. The report concluded that the Program operated effectively and was adequately and effectively implemented in all material aspects, and that the relevant controls and safeguards were appropriately designed to enable the LRS to administer the Program in compliance with the Liquidity Rule.

In accordance with the Program, the LRS assessed each Fund's liquidity risk no less frequently than annually taking into consideration certain factors, as applicable, such as (i) investment strategy and liquidity of portfolio investments, (ii) short-term and long-term cash flow projections and (iii) holdings of cash and cash equivalents and borrowing arrangements and other funding sources. Certain factors are considered under both normal and reasonably foreseeable stressed conditions.

Each Fund portfolio investment is classified into one of four liquidity categories, which classification is assessed at least monthly by the LRS. The classification is based on a determination of the number of days it is reasonably expected to take to convert the investment into cash, or sell or dispose of the investment, in current market conditions without significantly changing the market value of the investment. Liquidity classification determinations take into account various market, trading and investment-specific considerations, as well as market depth, and in some cases utilize third-party vendor data.

The Liquidity Rule limits a fund's investments in illiquid investments to 15% of its net assets and requires funds that do not primarily hold assets that are highly liquid investments to determine and maintain a minimum percentage of the fund's net assets to be invested in highly liquid investments (highly liquid investment minimum or "HLIM"). The LRS believes that the Program includes provisions reasonably designed to review, monitor and comply with the 15% limit on illiquid investments and for determining, periodically reviewing and complying with the HLIM requirement, as applicable.

There can be no assurance that the Program will achieve its objectives under all circumstances in the future. Please refer to the Fund's prospectus for more information regarding the Fund's exposure to liquidity risk and other risks to which it may be subject.





# **Directors and Officers Information**

### **Directors**

Frank L. Bowman
Frances L. Cashman
Kathleen A. Dennis
Nancy C. Everett
Eddie A. Grier
Jakki L. Haussler
Dr. Manuel H. Johnson
Joseph J. Kearns
Michael F. Klein
Patricia A. Maleski
W. Allen Reed. Chair of the Board

### **Adviser and Administrator**

Morgan Stanley Investment Management Inc. 522 Fifth Avenue New York, New York 10036

### Sub-Adviser

Morgan Stanley Investment Management Limited 25 Cabot Square, Canary Wharf London, E14 4QA, England

### Distributor

Morgan Stanley Distribution, Inc. 522 Fifth Avenue New York, New York 10036

### **Dividend Disbursing and Transfer Agent**

SS&C Global Investor & Distribution Solutions, Inc. P.O. Box 219804 Kansas City, Missouri 64121-9804

### **Co-Transfer Agent**

Eaton Vance Management Two International Place Boston, Massachusetts 02110

### **Officers**

John H. Gernon
President and Principal Executive Officer

Deidre A. Downes Chief Compliance Officer

Francis J. Smith Treasurer and Principal Financial Officer

Mary E. Mullin Secretary

Michael J. Key Vice President

### Custodian

State Street Bank and Trust Company One Congress Street Boston, Massachusetts 02114

### **Legal Counsel**

Dechert LLP 1095 Avenue of the Americas New York, New York 10036

### **Counsel to the Independent Directors**

Perkins Coie LLP 1155 Avenue of the Americas, 22nd Floor New York, New York 10036

### Independent Registered Public Accounting Firm

Ernst & Young LLP 200 Clarendon Street Boston, Massachusetts 02116

### **Reporting to Shareholders**

Each Morgan Stanley fund provides a complete schedule of portfolio holdings in its Semi-Annual and the Annual Reports within 60 days of the end of the fund's second and fourth fiscal quarters. The Semi-Annual and Annual Reports are filed electronically with the Securities and Exchange Commission ("SEC") on Form N-CSRS and Form N-CSR, respectively. Morgan Stanley makes these reports available on its public website, www.morganstanley.com/im/shareholderreports. Each Morgan Stanley non-money market fund also files a complete schedule of portfolio holdings with the SEC for the fund's first and third fiscal quarters as an attachment to Form N-PORT. Morgan Stanley does not deliver the reports for the first and third fiscal quarters so shareholders, but makes the complete schedule of portfolio holdings for the fund's first and third fiscal quarters available on its public website. The holdings for each money market fund are also posted to the Morgan Stanley public website. You may obtain the Form N-PORT filings (as well as the Form N-CSR and N-CSRS filings) by accessing the SEC's website, www.sec.gov. You can also request copies of these materials, upon payment of a duplicating fee, by electronic request at the SEC's email address (publicinfo@sec.gov).

### Proxy Voting Policies and Procedures and Proxy Voting Record

You may obtain a copy of the Company's Proxy Voting Policy and Procedures and information regarding how the Company voted proxies relating to portfolio securities during the most recent twelve-month period ended June 30, without charge, upon request, by calling toll free 1 (800) 869-6397 or by visiting our website at www.morganstanley.com/im/shareholderreports. This information is also available on the SEC's website at www.sec.gov.

This report is submitted for the general information of the shareholders of the Fund. For more detailed information about the Fund, its fees and expenses and other pertinent information, please read its Prospectus. The Company's Statement of Additional Information contains additional information about the Fund, including its Directors. It is available, without charge, by calling 1 (800) 869-6397.

### **Householding Notice**

To reduce printing and mailing costs, the Fund attempts to eliminate duplicate mailings to the same address. The Fund delivers a single copy of certain shareholder documents, including shareholder reports, prospectuses and proxy materials, to investors with the same last name who reside at the same address. Your participation in this program will continue for an unlimited period of time unless you instruct us otherwise. You can request multiple copies of these documents by calling 1 (800) 869-6397, 8:00 a.m. to 6:00 p.m., ET. Once our Customer Service Center has received your instructions, we will begin sending individual copies for each account within 30 days.

This report is not authorized for distribution to prospective investors in the Fund unless preceded or accompanied by an effective Prospectus. Read the Prospectus carefully before investing.