CONTENTS

Letter to Shareholders	- '
Portfolio Commentary	2
Schedule of Portfolio Investments	į
Financial Statements	. 34
Financial Highlights	38
Notes to Financial Statements	40
Report of Independent Registered Public Accounting Firm	50
Trustees	. 5
Officers	. 5
Schedule of Shareholder Expenses	5
Board Approval of Investment Advisory Agreement	58
Tax Letter	. 62

Investments in the Portfolio are not deposits or obligations of, or guaranteed or endorsed by, any bank and are not insured or

Dear Shareholder.

Financial markets have rebounded somewhat as the U.S. and other developed market economies have shown notable resilience in the face of higher inflation, rising interest rates and the ongoing war in Ukraine. While the factors that weighed on equity and bond markets in 2022 largely remain, there are signals that inflationary pressures may have peaked and the long-term economic outlook appears positive.



 Investors may face continued in the year ahead. However, some of the acute risks encountered in 2022 appear to have receded and last year s reset in asset prices may provide attractive investment opportunities.Ž

"Brian S. Shlissel

While U.S. economic growth was surprisingly strong in the closing months of 2022, with broad gains in employment and consumer spending in the final months of the year, the U.S. Federal Reserve's efforts to counter inflationary pressure through sharply higher interest rates could slow economic momentum in the months ahead.

Corporate earnings have been squeezed by higher costs for materials and labor, while the strong U.S. dollar has hindered export revenues. However, the impact of higher prices and interest rates has not landed on all sectors of the economy evenly. Energy sector profits have soared over the past year, while earnings in housing and construction sectors have declined.

Across Europe, the war in Ukraine has driven up prices for energy, food and a range of other goods and has fueled negative consumer sentiment. The prolonged nature of the conflict and its potential to spread remain key concerns among policymakers, diplomats, military planners, economists and investors. It is worth noting that Europe's largest industrialized nations in concert with the European Union have moved swiftly to secure alternatives to Russian sources of natural gas and petroleum, which has eased an energy crisis that began last year.

economic and geopolitical challenges Investors may face continued economic and geopolitical challenges in the year ahead. However, some of the acute risks encountered in 2022 appear to have receded and last year's reset in asset prices may provide attractive investment opportunities. A long-term view and a properly diversified portfolio, in our opinion, remain key elements to a successful investment approach.

> Our broad array of investment solutions seeks to provide investors with ability to build durable portfolios that can help them meet their financial goals.

Sincerely,

Brian S. Shlissel

President - J.P. Morgan Funds

REPORTING PERIOD RETURN:
Portfolio (Class 1 Sharės)

	

PRINCIPAL	
AMOUNT	VALUE
(\$000)	(\$000)

U.S. Treasury Obligations ,, 25.1%

INVESTMENTS

INVECTMENTS	PRINCIPAL AMOUNT	VALUE	INIVECTMENTS	PRINCIPAL AMOUNT VALUE
INVESTMENTS	(\$000)	(\$000)	INVESTMENTS	(\$000) (\$000)
U.S. Treasury Obligations ,, continued				
1.25%, 8/15/2031	250	203		
1.38%, 11/15/2031	840	684		
1.88%, 2/15/2032	2,950	2,503		
2.88%, 5/15/2032	1,630	1,502		
U.S. Treasury STRIPS Bonds				
2.87%, 5/15/2023(a)	2,420	2,381		
2.37%, 8/15/2023(a)	1,890	1,837		
2.90%, 11/15/2023(a)	173	166		
1.77%, 2/15/2024(a)	327	311		
3.63%, 11/15/2024(a)	110	101		
4.12%, 2/15/2025(a)	50	46		
5.73%, 5/15/2026(a)	100	87		
3.80%, 8/15/2026(a)	23	20		
4.01%, 11/15/2026(a)	250	213		
4.59%, 2/15/2027(a)	300	253		
4.10%, 5/15/2027(a)	725	606		
3.60%, 8/15/2027(a)	250	207		
4.48%, 11/15/2027(a)	710	582		
3.34%, 2/15/2028(a)	27	22		
3.21%, 5/15/2028(a)	140	112		
8.56%, 8/15/2028(a)	50	40		
4.58%, 2/15/2029(a)	658	513		
1.63%, 8/15/2029(a)	3,400	2,594		
4.37%, 11/15/2029(a)	200	151		
5.43%, 5/15/2030(a)	300	222		
4.41%, 8/15/2030(a)	300	220		
4.01%, 11/15/2030(a)	500	364		
5.07%, 2/15/2031(a)	350	253		
4.39%, 5/15/2031(a)	275	196		
3.65%, 11/15/2031(a)	760	532		
4.17%, 2/15/2032(a)	350	242		
4.77%, 11/15/2032(a)	800	535		
4.21%, 2/15/2033(a)	400	264		
4.40%, 5/15/2033(a)	1,175	771		
7.27%, 8/15/2033(a)	100	65		
4.95%, 11/15/2033(a)	1,025	657		
4.35%, 2/15/2034(a)	775	491		
3.67%, 11/15/2034(a)	50	31		
3.58%, 2/15/2035(a)	65	39		
3.97%, 5/15/2035(a)	250	150		
2.53%, 11/15/2041(a)	100	45		
Total U.S. Treasury Obligations				
(Cost \$138,877)		117,892		
(333.4.33,3)				

F	PRINCIPAL AMOUNT	VALUE	P	PRINCIPAL AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)	INVESTMENTS	(\$000)	(\$000)
Corporate Bonds ,, continued					
Banks " 4.5%			Banks " continued		
ABN AMRO Bank NV (Netherlands) (US Treasury	/		Banque Federative du Credit Mutuel SA (France)		
Yield Curve Rate T Note Constant Maturity 1			2.38%, 11/21/2024(b)	254	240
Year + 1.10%), 2.47%, 12/13/2029 (b) (c)	300	243	1.60%, 10/4/2026(b)	245	213
AIB Group plc (Ireland) (ICE LIBOR USD 3 Month + 1.87%), 4.26%, 4/10/2025 (b) (c)	250	241	Barclays plc (United Kingdom) (US Treasury Yield Curve Rate T Note Constan	+	
ANZ New Zealand Int'l Ltd. (New Zealand)			Maturity 1 Year + 0.80%), 1.01%,	ι	
3.45%, 1/21/2028(b)	200	183	12/10/2024(c)	369	351
2.55%, 2/13/2030(b)	200	165	(US Treasury Yield Curve Rate T Note Constan	t	
Banco Nacional de Panama (Panama) 2.50%, 8/11/2030 (b)	300	239	Maturity 1 Year + 2.30%), 5.30%, 8/9/2026(c)	200	199
Banco Santander SA (Spain)			(US Treasury Yield Curve Rate T Note Constan	t	
2.75%, 5/28/2025	200	187	Maturity 1 Year + 1.30%), 2.89%,		
5.15%, 8/18/2025	200	198	11/24/2032(c)	200	152
1.85%, 3/25/2026	400	353	BNP Paribas SA (France)		
(US Treasury Yield Curve Rate T Note Constan	ıt		(SOFR + 2.07%), 2.22%, 6/9/2026(b) (c)	293	269
Maturity 1 Year + 0.90%), 1.72%,			(SOFR + 1.00%), 1.32%, 1/13/2027(b) (c)	232	203
9/14/2027(c)	200	171	(SOFR + 1.22%), 2.16%, 9/15/2029(b) (c)	349	285
Bank of America Corp.			(SOFR + 1.51%), 3.05%, 1/13/2031(b) (c)	320	262
Series L, 3.95%, 4/21/2025	92	90	(US Treasury Yield Curve Rate T Note Constan	t	
(ICE LIBOR USD 3 Month + 0.81%), 3.37%,			Maturity 5 Year + 2.05%), 2.59%,	220	234
1/23/2026(c)	100	95	8/12/2035(b) (c)	320	234
Series N, (SOFR + 0.91%), 1.66%, 3/11/2027(c)	100	88	Citigroup, Inc. 4.40%, 6/10/2025	78	77
(SOFR + 0.96%), 1.73%, 7/22/2027(c)	235	206	4.45%, 9/29/2027	210	200
(ICE LIBOR USD 3 Month + 1.51%), 3.71%,	233	200	(ICE LIBOR USD 3 Month + 1.56%), 3.89%,	210	200
4/24/2028(c)	260	241	1/10/2028(c)	200	187
(SOFR + 1.58%), 4.38%, 4/27/2028(c)	360	344	(ICE LIBOR USD 3 Month + 1.39%), 3.67%,		
(ICE LIBOR USD 3 Month + 1.07%), 3.97%,		• • •	7/24/2028(c)	605	556
3/5/2029(c)	76	70	(ICE LIBOR USD 3 Month + 1.15%), 3.52%,		
(SOFR + 1.06%), 2.09%, 6/14/2029(c)	204	172	10/27/2028(c)	75	68
(SOFR + 2.15%), 2.59%, 4/29/2031(c)	313	255	(ICE LIBOR USD 3 Month + 1.19%), 4.07%,		
(SOFR + 1.53%), 1.90%, 7/23/2031(c)	150	115	4/23/2029(c)	74	68
(SOFR + 1.21%), 2.57%, 10/20/2032(c)	330	258	(SOFR + 1.17%), 2.56%, 5/1/2032(c)	625	493
(SOFR + 1.33%), 2.97%, 2/4/2033(c)	110	89	(SOFR + 1.18%), 2.52%, 11/3/2032(c)	110	86
(SOFR + 1.93%), 2.68%, 6/19/2041(c)	743	500	(SOFR + 1.35%), 3.06%, 1/25/2033(c)	171	138
Bank of Ireland Group plc (Ireland)			(ICE LIBOR USD 3 Month + 1.17%), 3.88%,	50	44
(US Treasury Yield Curve Rate T Note Constan	it		1/24/2039(c) (SOFR + 1.38%), 2.90%, 11/3/2042(c)	50 75	41
Maturity 1 Year + 2.65%), 6.25%,				75 150	52 140
9/16/2026(b) (c)	287	285	Comerica, Inc. 4.00%, 2/1/2029	150	140
(US Treasury Yield Curve Rate T Note Constan	it		Cooperatieve Rabobank UA (Netherlands) 3.75%, 7/21/2026	450	423
Maturity 1 Year + 1.10%), 2.03%, 9/30/2027(b) (c)	206	174	Credit Agricole SA (France)	400	420
Bank of Montreal (Canada)	200	11 f	(SOFR + 1.68%), 1.91%, 6/16/2026(b) (c)	650	592
1.85%, 5/1/2025	200	187	(SOFR + 0.89%), 1.25%, 1/26/2027(b) (c)	400	350
(USD Swap Semi 5 Year + 1.43%), 3.80%,			(55.00)	.00	555
12/15/2032(c)	47	41			

SCHEDULE OF PORTFOLIO INVESTMENTS

AS OF DECEMBER 31, 2022 (continued)

INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)	INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)
	(\$000)	(\$000)	INVESTMENTS	(\$000)	(\$000)
Corporate Bonds , continued			Panka continued		
Banks " continued DNB Bank ASA (Norway) (US Treasury Yield			Banks , continued		
Curve Rate T Note Constant Maturity 1 Year +			NatWest Group plc (United Kingdom)	283	277
0.68%), 1.60%, 3/30/2028 (b) (c)	325	275	4.80%, 4/5/2026 (US Treasury Yield Curve Rate T Note Constar		211
HSBC Holdings plc (United Kingdom)			Maturity 1 Year + 2.55%), 3.07%,	ıı	
(ICE LIBOR USD 3 Month + 0.99%), 3.95%,			5/22/2028(c)	440	393
5/18/2024(c)	229	227	(ICE LIBOR USD 3 Month + 1.75%), 4.89%,		
(SOFR + 3.03%), 7.34%, 11/3/2026(c)	314	327	5/18/2029(c)	200	189
(SOFR + 1.29%), 1.59%, 5/24/2027(c)	200	172	(US Treasury Yield Curve Rate T Note Constant	nt	
(SOFR + 1.29%), 2.21%, 8/17/2029(c)	200	161	Maturity 5 Year + 2.10%), 3.75%,	200	400
(SOFR + 1.95%), 2.36%, 8/18/2031(c)	300	229	11/1/2029(c)	200	186
6.50%, 9/15/2037	250	241	Nordea Bank Abp (Finland) 5.38%, 9/22/2027 (b)	200	201
6.10%, 1/14/2042	120	125	PNC Bank NA 2.50%, 8/27/2024	250	240
ING Groep NV (Netherlands)			Santander UK Group Holdings plc (United	200	240
(US Treasury Yield Curve Rate T Note Constant	nt		Kingdom)		
Maturity 1 Year + 1.10%), 1.40%,	240	100	(SOFR + 2.75%), 6.83%, 11/21/2026(c)	234	237
7/1/2026(b) (c)	210 200	189 189	(SOFR + 0.99%), 1.67%, 6/14/2027(c)	220	187
3.95%, 3/29/2027	200	109	Societe Generale SA (France)		
KeyCorp (SOFRINDX + 2.06%), 4.79%, 6/1/2033 (c)	55	52	(US Treasury Yield Curve Rate T Note Constar	nt	
Lloyds Banking Group plc (United Kingdom)	00	02	Maturity 1 Year + 1.10%), 1.49%,		
4.50%, 11/4/2024	220	215	12/14/2026(b) (c)	260	226
4.58%, 12/10/2025	200	194	(US Treasury Yield Curve Rate T Note Constant	nt	
(US Treasury Yield Curve Rate T Note Constar			Maturity 1 Year + 1.00%), 1.79%, 6/9/2027(b) (c)	215	185
Maturity 1 Year + 1.60%), 3.51%,			(US Treasury Yield Curve Rate T Note Constar		100
3/18/2026(c)	200	190	Maturity 1 Year + 1.30%), 2.89%,	ıı	
(US Treasury Yield Curve Rate T Note Constant	nt		6/9/2032(b) (c)	500	385
Maturity 1 Year + 0.85%), 1.63%,	0.45	040	Standard Chartered plc (United Kingdom)		
5/11/2027(c)	245	212	(US Treasury Yield Curve Rate T Note Constar	nt	
Mitsubishi UFJ Financial Group, Inc. (Japan)	-4		Maturity 1 Year + 3.10%), 7.78%,		
(US Treasury Yield Curve Rate T Note Constant Maturity 1 Year + 0.75%), 1.54%,	IL		11/16/2025(b) (c)	280	288
7/20/2027(c)	220	191	(US Treasury Yield Curve Rate T Note Constar Maturity 1 Year + 1.00%), 1.46%,	nt	
2.05%, 7/17/2030	340	268	1/14/2027(b) (c)	245	212
3.75%, 7/18/2039	515	418	Sumitomo Mitsui Financial Group, Inc. (Japan)		
Mizuho Financial Group, Inc. (Japan)			3.01%, 10/19/2026	25	23
(US Treasury Yield Curve Rate T Note Constant	nt		3.04%, 7/16/2029	345	298
Maturity 1 Year + 0.67%), 1.23%,			Sumitomo Mitsui Trust Bank Ltd. (Japan) 1.55%,		
5/22/2027(c)	255	221	3/25/2026 (b)	403	359
(US Treasury Yield Curve Rate T Note Constant Maturity 1 Year + 2.05%), 5.41%,	nt		UniCredit SpA (Italy)		
9/13/2028(c)	380	380	(US Treasury Yield Curve Rate T Note Constant	nt	
(SOFR + 1.57%), 2.87%, 9/13/2030(c)	220	184	Maturity 1 Year + 1.20%), 1.98%,	000	474
National Australia Bank Ltd. (Australia)			6/3/2027(b) (c)	200	171
2.33%, 8/21/2030(b)	250	190	(USD ICE Swap Rate 5 Year + 3.70%), 5.86%, 6/19/2032(b) (c)	200	176
(US Treasury Yield Curve Rate T Note Constar			Wells Fargo & Co.	200	170
Maturity 5 Year + 1.88%), 3.93%,			5.38%, 11/2/2043	200	186
8/2/2034(b) (c)	440	370	3.5576, 17.2.2515	200	.00

SEE NOTES TO FINANCIAL STATEMENTS.

SCHEDULE OF PORTFOLIO INVESTMENTS

AS OF DECEMBER 31, 2022 (continued)

	PRINCIPAL AMOUNT	VALUE		PRINCIPAL AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)	INVESTMENTS	(\$000)	(\$000)
Corporate Bonds ,, continued					
Capital Markets , continued			Chemicals ,, continued		
(ICE LIBOR USD 3 Month + 1.75%), 5.03%,	220	207	Albemarle Corp. 5.45%, 12/1/2044	50	45
1/15/2030(b) (c)	220	207	Celanese US Holdings LLC 6.05%, 3/15/2025	151	150
Morgan Stanley	550	E44	Chevron Phillips Chemical Co. LLC 5.13%,	405	40.4
(SOFR + 1.99%), 2.19%, 4/28/2026(c)	550	511	4/1/2025 (b)	485	484
4.35%, 9/8/2026	20	19	Dow Chemical Co. (The) 4.55%, 11/30/2025	14	14
3.63%, 1/20/2027	101	95	DuPont de Nemours, Inc. 5.32%, 11/15/2038	595	572
(SOFR + 1.00%), 2.48%, 1/21/2028(c)	39	35	Eastman Chemical Co. 4.50%, 12/1/2028	220	208
(ICE LIBOR USD 3 Month + 1.34%), 3.59%,	000	004	International Flavors & Fragrances, Inc.		
7/22/2028(c)	222	204	1.83%, 10/15/2027(b)	190	160
(ICE LIBOR USD 3 Month + 1.14%), 3.77%, 1/24/2029(c)	96	88	3.27%, 11/15/2040(b)	110	79
(ICE LIBOR USD 3 Month + 1.63%), 4.43%,	30	00	5.00%, 9/26/2048	52	44
1/23/2030(c)	159	148	3.47%, 12/1/2050(b)	80	54
(SOFR + 1.03%), 1.79%, 2/13/2032(c)	280	210	LYB International Finance III LLC		
(SOFR + 1.49%), 3.22%, 4/22/2042(c)	265	196	1.25%, 10/1/2025	79	71
4.30%, 1/27/2045	85	72	3.63%, 4/1/2051	245	164
•	05	12	Nutrien Ltd. (Canada)		
Nomura Holdings, Inc. (Japan)	040	200	4.00%, 12/15/2026	70	67
2.65%, 1/16/2025	212	200	4.20%, 4/1/2029	25	24
2.68%, 7/16/2030	200	160	4.13%, 3/15/2035	90	78
Northern Trust Corp. (ICE LIBOR USD 3 Month -	+ 29	26	5.00%, 4/1/2049	40	36
1.13%), 3.38%, 5/8/2032 (c)	160		RPM International, Inc. 2.95%, 1/15/2032	305	240
Nuveen LLC 4.00%, 11/1/2028 (b)	100	149	Union Carbide Corp. 7.75%, 10/1/2096	75	84
S&P Global, Inc.	246	220	·	-	2,849
4.25%, 5/1/2029(b)	346	330		-	2,049
2.90%, 3/1/2032(b)	193	165	Commercial Services & Supplies , 0.0% ^		
UBS Group AG (Switzerland)	400	000	Ford Foundation (The) Series 2020, 2.82%,	0.0	50
4.13%, 9/24/2025(b)	400	389	6/1/2070	90	53
(US Treasury Yield Curve Rate T Note Consta	ınt		Construction & Engineering ,, 0.1%		
Maturity 1 Year + 1.55%), 4.49%, 5/12/2026(b) (c)	449	439	Quanta Services, Inc.		
(US Treasury Yield Curve Rate T Note Consta		433	2.90%, 10/1/2030	360	296
Maturity 1 Year + 1.08%), 1.36%,	ii it		2.35%, 1/15/2032	270	205
1/30/2027(b) (c)	200	175		-	501
(US Treasury Yield Curve Rate T Note Consta	int			-	
Maturity 1 Year + 2.05%), 4.70%,			Construction Materials " 0.0% ^		
8/5/2027(b) (c)	240	232	Martin Marietta Materials, Inc.		
(US Treasury Yield Curve Rate T Note Consta	int		3.45%, 6/1/2027	52	48
Maturity 1 Year + 1.00%), 2.09%,			3.50%, 12/15/2027	100	93
2/11/2032(b) (c)	250	188			141
(US Treasury Yield Curve Rate T Note Consta	ınt		Consumer Finance , 1.2%	-	
Maturity 1 Year + 1.10%), 2.75%,	200	155	AerCap Ireland Capital DAC (Ireland)		
2/11/2033(b) (c)	200	155_	' ' ' '	600	506
		9,548	4.50%, 9/15/2023	600	596
Chemicals " 0.6%			2.88%, 8/14/2024	150	142
Air Products and Chemicals, Inc. 1.85%,			1.75%, 1/30/2026	150	132
5/15/2027	310	275	2.45%, 10/29/2026	170	149

SEE NOTES TO FINANCIAL STATEMENTS.

	PRINCIPAL AMOUNT	VALUE		PRINCIPAL AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)	INVESTMENTS	(\$000)	(\$000)
Corporate Bonds ,, continued					
Consumer Finance ,, continued			Diversified Consumer Services " continued		
3.00%, 10/29/2028	210	176	University of Miami Series 2022, 4.06%,		
3.30%, 1/30/2032	195	152	4/1/2052	120	98
American Express Co. 4.20%, 11/6/2025	150	148	University of Southern California Series A,	4.05 TD 05070	T- [(\(\A\) FO 7(\)
American Honda Finance Corp. 2.30%, 9/9/2026	17	16	3.23%, 10/12.88%,06 Tc((\$000))Tj 5.0991	1.25 TD05972	<u>2 TC [(VA</u>)-59.7(L)-
Avolon Holdings Funding Ltd. (Ireland)					
2.88%, 2/15/2025(b)	275	254			
5.50%, 1/15/2026(b)	395	375			
2.13%, 2/21/2026(b)	160	138			
4.25%, 4/15/2026(b)	245	222			
4.38%, 5/1/2026(b)	150	137			
2.53%, 11/18/2027(b)	1,301	1,040			
Capital One Financial Corp.					
4.20%, 10/29/2025	40	39			
(SOFR + 2.16%), 4.98%, 7/24/2026(c)	120	117			
(SOFR + 0.86%), 1.88%, 11/2/2027(c)	74	64			
(SOFR + 1.27%), 2.62%, 11/2/2032(c)	235	180			
General Motors Financial Co., Inc.					
1.20%, 10/15/2024	110	102			
3.80%, 4/7/2025	180	174			
1.25%, 1/8/2026	467	411			
4.35%, 1/17/2027	113	107			
2.35%, 1/8/2031	97	73			
2.70%, 6/10/2031	205	157			
Park Aerospace Holdings Ltd. (Ireland)					
4.50%, 3/15/2023(b)	475	474			
5.50%, 2/15/2024(b)	23	23			
,		5,598			
Containers & Packaging , 0.1%					
Graphic Packaging International LLC 1.51%,					
4/15/2026 (b)	284	248			
Packaging Corp. of America 4.05%, 12/15/2049	155	118			
WRKCo, Inc.					
3.00%, 9/15/2024	80	77			
3.90%, 6/1/2028	35	32			
•		475			
Diversified Consumer Services , 0.1%					
Pepperdine University Series 2020, 3.30%,	110	60			
12/1/2059	110	69			

	PRINCIPAL	
INVESTMENTS	AMOUNT (\$000)	VALUE (\$000)
Corporate Bonds , continued	(4000)	(ψοσσ)
Electric Utilities , continued		
China Southern Power Grid International Finance	ne.	
BVI Co. Ltd. (China) 3.50%, 5/8/2027 (b)	200	190
Cleveland Electric Illuminating Co. (The)		
3.50%, 4/1/2028(b)	95	87
4.55%, 11/15/2030(b)	65	61
Commonwealth Edison Co. 3.65%, 6/15/2046	30	23
Duke Energy Corp. 2.65%, 9/1/2026	100	92
Duke Energy Indiana LLC 3.75%, 5/15/2046	60	46
Duke Energy Ohio, Inc. 3.70%, 6/15/2046	46	34
Duke Energy Progress LLC 3.70%, 10/15/2046	54	41
Duquesne Light Holdings, Inc.		
3.62%, 8/1/2027(b)	160	144
2.53%, 10/1/2030(b)	210	166
Edison International 3.55%, 11/15/2024	284	274
Emera US Finance LP (Canada) 4.75%,		
6/15/2046	130	100
Entergy Arkansas LLC 3.50%, 4/1/2026	22	21
Entergy Corp. 2.95%, 9/1/2026	21	20
Entergy Louisiana LLC		
2.40%, 10/1/2026	59	54
3.05%, 6/1/2031	38	32
4.00%, 3/15/2033	40	36
2.90%, 3/15/2051	130	83
Entergy Mississippi LLC 3.85%, 6/1/2049	135	103
Evergy Metro, Inc.		
3.15%, 3/15/2023	2sissip	piEntC/15 [

INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)
	· /	

INVECTMENTS	PRINCIPAL AMOUNT	VALUE		RINCIPAL AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)	INVESTMENTS	(\$000)	(\$000)
Corporate Bonds ,, continued) and the said		Food 9 Otania a Potallian annii arad		
Equity Real Estate Investment Trusts (REITs)		404	Food & Staples Retailing , continued		
Physicians Realty LP 2.63%, 11/1/2031	130	101	CVS Pass-Through Trust		
Prologis LP			7.51%, 1/10/2032(b)	59	62
3.25%, 6/30/2026	18	17	5.93%, 1/10/2034(b)	66	64
2.88%, 11/15/2029	95	83	Series 2013, 4.70%, 1/10/2036(b)	143	128
2.25%, 4/15/2030	20	17	Kroger Co. (The)		
2.13%, 10/15/2050	150	83	2.20%, 5/1/2030	500	406
Public Storage			5.40%, 7/15/2040	18	17
1.95%, 11/9/2028	156	133			1,558
2.25%, 11/9/2031	131	105	Food Products , 0.4%	•	
Regency Centers LP 2.95%, 9/15/2029	215	180	Bimbo Bakeries USA, Inc. (Mexico) 4.00%,		
Sabra Health Care LP 3.20%, 12/1/2031	210	156	5/17/2051 (b)	290	218
Safehold Operating Partnership LP 2.85%,			Bunge Ltd. Finance Corp. 2.75%, 5/14/2031	400	328
1/15/2032	400	304	Campbell Soup Co. 3.13%, 4/24/2050	47	32
Scentre Group Trust 1 (Australia) 3.50%,	470	400	Conagra Brands, Inc. 5.30%, 11/1/2038	35	33
2/12/2025 (b)	170	163	General Mills, Inc. 3.00%, 2/1/2051	100	69
SITE Centers Corp. 3.63%, 2/1/2025	61	58	Kraft Heinz Foods Co.	100	00
UDR, Inc.			4.63%, 10/1/2039	200	176
2.95%, 9/1/2026	28	26	4.38%, 6/1/2046	153	124
3.20%, 1/15/2030 T 3.00 ^D 9/15/2031 [(150 B 25	130	McCormicla & Co., Inca 2.50%, 4sl.5 TD [(B953)-3er0		9
3.00%, 8/15/2031	B 25 ⁵	21 ^J	6 e n e r		J F
2.10%, 8/1/2032	160	118	0 e 11 e 1	а	1 .
1.90%, 3/15/2033	240	171			
Ventas Realty LP					
4.13%, 1/15/2026	9	9			
3.25%, 10/15/2026	25	23			
3.85%, 4/1/2027	49	46			
Vornado Realty LP 3.50%, 1/15/2025	60	56			
Welltower, Inc.					
3.10%, 1/15/2030	85	72			
6.50%, 3/15/2041	125	124			
WP Carey, Inc.					
4.25%, 10/1/2026	245	236			
2.25%, 4/1/2033	180	133			
	-	8,319			
Food & Staples Retailing , 0.3%	-				
7-Eleven, Inc.					
0.95%, 2/10/2026(b)	170	149			
1.30%, 2/10/2028(b)	137	114			
2.50%, 2/10/2041(b)	137	92			
Alimentation Couche-Tard, Inc. (Canada)	138	5∠			
,	250	170			
3.44%, 5/13/2041(b)	250	178			
3.80%, 1/25/2050(b)	230	161			
3.63%, 5/13/2051(b)	280	187			

INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)	INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)
Corporate Bonds , continued	(4000)	(4000)		(4000)	(\$000)
Gas Utilities , continued			Health Care Providers & Services ,, continued		
4.80%, 3/15/2047(b)	26	21	Quest Diagnostics, Inc. 3.45%, 6/1/2026	17	16
Southwest Gas Corp. 3.80%, 9/29/2046	44	30	Texas Health Resources 2.33%, 11/15/2050	140	
300th West Cas Corp. 5.5076, 5/25/2540	77	1,086	UnitedHealth Group, Inc.	140	00
Health Care Equipment & Supplies , 0.1%			4.63%, 7/15/2035	34	33
Abbott Laboratories 4.75%, 11/30/2036	130	128	3.50%, 8/15/2039	160	131
Becton Dickinson and Co. 4.67%, 6/6/2047	75		3.25%, 5/15/2051	140	100
Boston Scientific Corp. 4.55%, 3/1/2039	49	44	5.88%, 2/15/2053	140	151
DH Europe Finance II SARL 3.25%, 11/15/2039			Universal Health Services, Inc. 2.65%, 10/15/2030	36	29
Health Care Providers & Services , 0.8%		385	Yale-New Haven Health Services Corp. Series 2020, 2.50%, 7/1/2050	200	120
Advocate Health & Hospitals Corp. Series 2020					3,513
2.21%, 6/15/2030	, 130	107	Hotels, Restaurants & Leisure , 0.0% ^	•	
Ascension Health Series B, 2.53%, 11/15/2029	190			00	
Children's Hospital Series 2020, 2.93%,			McDonald's Corp. 4.70%, 12/9/2035	60	57
7/15/2050	180	113	Household Durables ,, 0.0% ^		
Cigna Corp. 4.50%, 2/25/2026	127	125	Lennar Corp. 4.50%, 4/30/2024	95	94
CommonSpirit Health			Independent Power and Renewable Electricity	Producers 0.2	2%
1.55%, 10/1/2025	145	130	Alexander Funding Trust 1.84%, 11/15/2023	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
2.78%, 10/1/2030	145	119	(b)	200	192
3.91%, 10/1/2050	140	104	Constellation Energy Generation LLC		
CVS Health Corp.			3.25%, 6/1/2025	250	239
4.30%, 3/25/2028	21	20	6.25%, 10/1/2039	100	102
5.05%, 3/25/2048	323	290	5.75%, 10/1/2041	144	140
Elevance Health, Inc.			Southern Power Co. 5.15%, 9/15/2041	50	45
3.35%, 12/1/2024	70	68	Tri-State Generation and Transmission		
4.10%, 3/1/2028	55	53	Association, Inc. 4.25%, 6/1/2046	25	18
4.65%, 1/15/2043	18	16			736
4.65%, 8/15/2044	65	58	Industrial Conglomerates ,, 0.0% ^		
Hackensack Meridian Health, Inc.			o "	450	400
Series 2020, 2.68%, 9/1/2041	390	271	Honeywell International, Inc. 2.50%, 11/1/2026	150	138
Series 2020, 2.88%, 9/1/2050	230	149	Insurance " 0.8%		
HCA, Inc.			AIA Group Ltd. (Hong Kong)		
5.25%, 6/15/2026	340	336	3.20%, 3/11/2025(b)	200	191
5.13%, 6/15/2039	125	112	3.90%, 4/6/2028(b)	210	197
5.50%, 6/15/2047	245	217	3.60%, 4/9/2029(b)	200	182
Memorial Health Services 3.45%, 11/1/2049	245	178	Assurant, Inc. 4.20%, 9/27/2023	63	62
Mount Sinai Hospitals Group, Inc. Series 2017, 3.98%, 7/1/2048	83	64	Athene Global Funding		
MultiCare Health System 2.80%, 8/15/2050	120	71			
MyMichigan Health Series 2020, 3.41%,					
6/1/2050	80	55			
Providence St. Joseph Health Obligated Group Series H, 2.75%, 10/1/2026	36	34			

SCHEDULE OF PORTFOLIO INVESTMENTS

AS OF DECEMBER 31, 2022 (continued)

INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)	INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)
Corporate Bonds ,, continued	(\$000)	(φοσσ)	TATE OF THE PARTY	(4000)	(ФООО)
Insurance , continued			IT Services continued		
3.85%, 3/15/2052	210	167	IT Services , continued 4.40%, 7/1/2049	65	E 2
,			·	65	53
Brown & Brown, Inc. 2.38%, 3/15/2031	460	350	Global Payments, Inc.	226	201
Chubb INA Holdings, Inc. 2.70%, 3/13/2023	120	120	3.20%, 8/15/2029	236	201
CNA Financial Corp. 3.95%, 5/15/2024	44	43	5.30%, 8/15/2029	91	88
F&G Global Funding 1.75%, 6/30/2026 (b)	185	165	2.90%, 5/15/2030	48	39
Guardian Life Insurance Co. of America (The) 4.85%, 1/24/2077 (b)	21	17	2.90%, 11/15/2031	92	<u>73</u> 800
Hanover Insurance Group, Inc. (The) 2.50%,			Leisure Products " 0.1%		
9/1/2030	120	92		222	205
Hartford Financial Services Group, Inc. (The) 4.30%, 4/15/2043	70	56	Hasbro, Inc. 3.90%, 11/19/2029 Life Sciences Tools & Services , 0.1%	332	295
Jackson National Life Global Funding 3.88%,			Thermo Fisher Scientific, Inc. 2.00%,		
6/11/2025 (b)	87	84	10/15/2031	330	267
Liberty Mutual Group, Inc.					
4.57%, 2/1/2029(b)	27	25	Machinery " 0.1%		
3.95%, 10/15/2050(b)	207	144	nVent Finance SARL (United Kingdom) 4.55%, 4/15/2028	75	69
Markel Corp. 3.63%, 3/30/2023	40	40	Otis Worldwide Corp. 2.57%, 2/15/2030	280	235
MetLife, Inc. 4.13%, 8/13/2042	28	24	Parker-Hannifin Corp. 4.45%, 11/21/2044	30	26
New York Life Global Funding 2.35%,			Xylem, Inc. 2.25%, 1/30/2031	110	89
7/14/2026 (b)	65	60	Aylem, mc. 2.23%, 1/30/2031	110	
New York Life Insurance Co. 4.45%, 5/15/2069 (b)	105	86	Media " 0.5%		419
Northwestern Mutual Global Funding 1.70%,			Charter Communications Operating LLC		
6/1/2028 (b)	195	165	5.38%, 4/1/2038	38	32
Pacific Life Insurance Co. (ICE LIBOR USD 3			3.50%, 3/1/2042	195	125
Month + 2.80%), 4.30%, 10/24/2067 (b) (c)	134	102	4.80%, 3/1/2050	240	174
Principal Financial Group, Inc. 3.70%,	00	00	3.70%, 4/1/2051	445	271
5/15/2029	30	28	Comcast Corp.		
Prudential Financial, Inc. 3.91%, 12/7/2047	61	49	3.55%, 5/1/2028	66	62
Prudential Insurance Co. of America (The) 8.30%, 7/1/2025 (b)	150	159	4.25%, 1/15/2033	167	157
Teachers Insurance & Annuity Association of	130	100	4.20%, 8/15/2034	89	82
America 4.27%, 5/15/2047 (b)	50	41	3.90%, 3/1/2038	32	28
			3.25%, 11/1/2039	130	101
		3,737	3.75%, 4/1/2040	160	132
Internet & Direct Marketing Retail ,, 0.2%			4.00%, 11/1/2049	52	41
Amazon.com, Inc.			2.89%, 11/1/2051	186	119
3.88%, 8/22/2037	80	71	2.94%, 11/1/2056	291	180
3.95%, 4/13/2052	390	323	2.99%, 11/1/2063	76	46
eBay, Inc. 2.60%, 5/10/2031	830	680	Cox Communications, Inc.	70	40
		1,074	3.35%, 9/15/2026(b)	67	63
IT Services " 0.2%			2.95%, 10/1/2050(b)	180	108
CGI, Inc. (Canada) 2.30%, 9/14/2031	370	281	• •	100	100
Fisery, Inc.	510	201	Discovery Communications LLC 5.20%, 9/20/2047	90	5 0
3.20%, 7/1/2026	70	65	, , , , , , , , , , , , , , , , , , ,	80	59
J.ZU /0, 1/ 1/ZUZU	70	00	4.00%, 9/15/2055	124	74

SEE NOTES TO FINANCIAL STATEMENTS.

INVESTMENTS (\$000) (\$000)

PRINCIPAL

INNEGTATIO	PRINCIPAL AMOUNT	VALUE		PRINCIPAL AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)	INVESTMENTS	(\$000)	(\$000)
Corporate Bonds , continued					
Road & Rail , 0.3%			Semiconductors & Semiconductor Equipment ,, or	ontinued	
Burlington Northern Santa Fe LLC			TSMC Global Ltd. (Taiwan) 4.63%, 7/22/2032	200	107
5.75%, 5/1/2040	85	89	(b)	200	197
5.40%, 6/1/2041	126	127	Xilinx, Inc. 2.38%, 6/1/2030	623	524
4.38%, 9/1/2042	25	22			3,031
5.15%, 9/1/2043	77	75	Software " 0.4%		
4.70%, 9/1/2045	35	32	Microsoft Corp.		
CSX Corp.			2.00%, 8/8/2023	125	123
5.50%, 4/15/2041	50	50	3.50%, 2/12/2035	68	62
4.75%, 11/15/2048	108	98	3.45%, 8/8/2036	60	53
3.35%, 9/15/2049	10	7	2.92%, 3/17/2052	65	46
ERAC USA Finance LLC			3.04%, 3/17/2062	40	28
7.00%, 10/15/2037(b)	160	174	Oracle Corp.	40	20
5.63%, 3/15/2042(b)	12	11	3.60%, 4/1/2040	450	220
JB Hunt Transport Services, Inc. 3.85%,			•	450	330
3/15/2024	70	69	4.00%, 7/15/2046	110	80
Kansas City Southern 4.70%, 5/1/2048	197	170	Roper Technologies, Inc.	050	000
Norfolk Southern Corp.			1.40%, 9/15/2027	350	296
3.95%, 10/1/2042	70	58	2.00%, 6/30/2030	160	128
4.05%, 8/15/2052	40	32	VMware, Inc.		
Penske Truck Leasing Co. LP			1.40%, 8/15/2026	404	352
3.95%, 3/10/2025(b)	25	24	4.65%, 5/15/2027	135	131
3.40%, 11/15/2026(b)	25	23	Workday, Inc. 3.50%, 4/1/2027	285	266
4.20%, 4/1/2027(b)	75	70			1,895
Triton Container International Ltd. (Bermuda)	73	70	Specialty Retail , 0.2%		
1.15%, 6/7/2024 (b)	270	249	AutoZone, Inc. 1.65%, 1/15/2031	180	140
Union Pacific Corp. 4.10%, 9/15/2067	150	117	Home Depot, Inc. (The)	100	140
2			, ,	110	100
		1,497	3.90%, 12/6/2028	110	106
Semiconductors & Semiconductor Equipment	" 0.6%		4.95%, 9/15/2052	198	190
Analog Devices, Inc. 2.80%, 10/1/2041	227	166	Lowe's Cos., Inc.		
Broadcom, Inc.			1.70%, 10/15/2030	430	336
1.95%, 2/15/2028(b)	592	500	2.63%, 4/1/2031	105	87
3.14%, 11/15/2035(b)	378	278	O'Reilly Automotive, Inc.		
3.19%, 11/15/2036(b)	370	266	3.55%, 3/15/2026	80	77
Intel Corp. 3.10%, 2/15/2060	50	31	3.60%, 9/1/2027	49	46
KLA Corp. 3.30%, 3/1/2050	150	109			982
Microchip Technology, Inc.			Technology Hardware, Storage & Peripherals , 0.	2%	
2.67%, 9/1/2023	89	87	Apple, Inc.	270	
0.97%, 2/15/2024	90	85	3.45%, 2/9/2045	02	66
0.98%, 9/1/2024	76	70		82	66
NXP BV (China)	70	, 0	3.85%, 8/4/2046	117	99
2.50%, 5/11/2031	360	283	3.75%, 9/12/2047	140	116
		263 256	Dell International LLC	a -	
3.25%, 5/11/2041	370		5.45%, 6/15/2023	32	32
TSMC Arizona Corp. (Taiwan) 4.50%, 4/22/20	52 200) 179			

	PRINCIPAL AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)
Corporate Bonds ,, continued		
Technology Hardware, Storage & Peripherals,	continued	
6.02%, 6/15/2026	522	533
HP, Inc. 3.00%, 6/17/2027	160	146
		992
Thrifts & Mortgage Finance , 0.2%		
BPCE SA (France)		
4.63%, 7/11/2024(b)	200	195
1.00%, 1/20/2026(b)	305	267
(SOFR + 1.52%), 1.65%, 10/6/2026(b) (c)	250	222
(SOFR + 1.31%), 2.28%, 1/20/2032(b) (c)	250	187
		871
Tobacco " 0.2%		
Altria Group, Inc. 2.45%, 2/4/2032	410	309
BAT Capital Corp. (United Kingdom)		
2.26%, 3/25/2028	210	174
4.39%, 8/15/2037	250	195
3.73%, 9/25/2040	140	95
4.54%, 8/15/2047	282	199
BAT International Finance plc (United Kingdom		
1.67%, 3/25/2026	160	142
		1,114
Trading Companies & Distributors , 0.3%	•	
Air Lease Corp.		
2.30%, 2/1/2025	245	228
3.25%, 3/1/2025	48	46
3.38%, 7/1/2025	378	358
2.88%, 1/15/2026	160	148
3.25%, 10/1/2029	220	187
Aviation Capital Group LLC		
3.88%, 5/1/2023(b)	100	99
5.50%, 12/15/2024(b)	174	171
WW Grainger, Inc. 4.60%, 6/15/2045	77	70
	•	1,307
Transportation Infrastructure , 0.1%		
Sydney Airport Finance Co. Pty. Ltd. (Australia))	
3.38%, 4/30/2025 (b)	360	341

	PRINCIPAL	
	AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)
Mortgage-Backed Securities ,, continued		
Pool # 745446, ARM, 3.56%, 4/1/2033(e)	10	10

INVESTMENTS	PRINCIPAL AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)
Mortgage-Backed Securities ,, continued		
Pool # BS6339, 3.80%, 9/1/2032	1,105	1,047
Pool # BS6822, 3.81%, 10/1/2032	1,245	1,181
Pool # BS6845, 4.22%, 10/1/2032	1,000	977
Pool # BS6601, 3.54%, 11/1/2032	1,100	1,019
Pool # BS7115, 3.81%, 11/1/2032	1,010	957
Pool # BS6819, 4.12%, 11/1/2032	1,405	1,362
Pool # BS7090, 4.45%, 12/1/2032	1,050	1,045
Pool # BS7298, 4.86%, 12/1/2032	775	796
Pool # 754922, 5.50%, 9/1/2033	21	21
Pool # BS7097, 4.67%, 11/1/2034	2,955	2,936
Pool # BL7110, 1.76%, 7/1/2035	1,500	1,117
Pool # 847108, 6.50%, 10/1/2035	52	51
Pool # AL9678, 4.00%, 2/1/2036	488	451
Pool # AN1330, 3.19%, 3/1/2036	945	869
Pool # 257172, 5.50%, 4/1/2038	2	2
Pool # AO9352, 4.00%, 7/1/2042	111	106
Pool # MA1125, 4.00%, 7/1/2042	120	115
Pool # MA1178, 4.00%, 9/1/2042	65	62
Pool # MA1437, 3.50%, 5/1/2043	216	202
Pool # AL6167, 3.50%, 1/1/2044	238	222
Pool # MA2545, 3.50%, 2/1/2046	368	342
Pool # MA2793, 3.50%, 10/1/2046	179	166
Pool # BF0558, 5.00%, 12/1/2049	898	901
Pool # BF0230, 5.50%, 1/1/2058	1,244	1,286
Pool # BF0464, 3.50%, 3/1/2060	799	733
Pool # BF0497, 3.00%, 7/1/2060	708	619
Pool # BF0546, 2.50%, 7/1/2061	1,004	830
Pool # BF0560, 2.50%, 9/1/2061	1,227	1,015
Pool # BF0583, 4.00%, 12/1/2061	946	897
Pool # BF0586, 5.00%, 12/1/2061	957	943

INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)
Asset-Backed Securities ,, continued		
MVW Owner Trust Series 2019-1A, Class A, 2.89%, 11/20/2036(b)	65	61
New Century Home Equity Loan Trust Series 2005-1, Class M1, 5.06%, 3/25/2035(e)	24	23
NRZ Excess Spread-Collateralized Notes		
Series 2020-PLS1, Class A, 3.84%, 12/25/2025(b)	558	508
Series 2021-FHT1, Class A, 3.10%, 7/25/2026(b)	1,281	1,118
Series 2021-GNT1, Class A, 3.47%, 11/25/2026(b)	800	705
OneMain Direct Auto Receivables Trust		
Series 2021-1A, Class A, 0.87%, 7/14/2028(b)	1,100	1,017
Series 2019-1A, Class B, 3.95%, 11/14/2028(b)	1,000	926
Oportun Funding XIII LLC Series 2019-A, Class 3.08%, 8/8/2025(b)	A, 405	399
Pagaya Al Debt Selection Trust Series 2021-1, Class A, 1.18%, 11/15/2027(b)	381	375

	RINCIPAL AMOUNT	VALUE	NA (FOTA FATA	PRINCIPAL AMOUNT	VALUE
INVESTMENTS	(\$000)	(\$000)	INVESTMENTS	(\$000)	(\$000)
Commercial Mortgage-Backed Securities , 5.7%					
BB-UBS Trust Series 2012-SHOW, Class A, 3.43%, 11/5/2036(b)	300	279	FNMA ACES		
Citigroup Commercial Mortgage Trust Series	300	219	Series 2014-M3, Class A2, 3.50%, 1/25/2024(e)	191	188
2020-GC46, Class A5, 2.72%, 2/15/2053	1,100	928	Series 2017-M7, Class A2, 2.96%,	191	100
Commercial Mortgage Trust	,		2/25/2027(e)	723	679
Series 2013-SFS, Class A2, 2.99%,			Series 2015-M10, Class A2, 3.09%,		
4/12/2035(b) (e)	125	123	4/25/2027(e)	271	256
Series 2020-CBM, Class A2, 2.90%, 2/10/2037(b)	750	691	Series 2017-M8, Class A2, 3.06%, 5/25/2027(e)	298	280
Series 2020-CBM, Class C, 3.40%,			Series 2017-M12, Class A2, 3.06%,		
2/10/2037(b)	500	450	6/25/2027(e)	263	247
Series 2014-CR19, Class A5, 3.80%, 8/10/2047	200	193	Series 2018-M10, Class A2, 3.36%,	460	438
Series 2015-CR25, Class A4, 3.76%,	200	193	7/25/2028(e) Series 2017-M5, Class A2, 3.10%,	400	430
8/10/2048	156	149	4/25/2029(e)	249	230
CSMC OA LLC			Series 2018-M3, Class A2, 3.07%,		
Series 2014-USA, Class A2, 3.95%,			2/25/2030(e)	163	150
9/15/2037(b)	885	795	Series 2020-M50, Class A1, 0.67%,		
Series 2014-USA, Class D, 4.37%,			10/25/2030	519	478
9/15/2037(b)	100	74	Series 2020-M50, Class A2, 1.20%, 10/25/2030	330	283
FHLMC, Multi-Family Structured Credit Risk Serie 2021-MN2, Class M1, 5.73%, 7/25/2041(b)	eS .		Series 2020-M50, Class X1, IO, 1.89%,	330	203
(e)	1,471	1,338	10/25/2030(e)	5,124	378
FHLMC, Multi-Family Structured Pass-Through	,	•	Series 2022-M1G, Class A2, 1.53%,	•	
Certificates			9/25/2031(e)	1,350	1,071
Series KJ11, Class A2, 2.93%, 1/25/2023	8	8	Series 2022-M3, Class A2, 1.71%,		
Series KJ14, Class A2, 2.81%, 9/25/2024	344	335	11/25/2031(e)	1,500	1,180
Series K065, Class A2, 3.24%, 4/25/2027	215	205	Series 2022-M1S, Class A2, 2.08%, 4/25/2032(e)	1,290	1,057
Series K065, Class AM, 3.33%, 5/25/2027	115	109	Series 2022-M2S, Class A2, 3.75%,	1,230	1,007
Series K066, Class A2, 3.12%, 6/25/2027	267	253	8/25/2032(e)	900	848
Series K070, Class A2, 3.30%,	200	198	Series 2021-M3, Class 1A1, 1.00%,		
11/25/2027(e) Series K072, Class AM, 3.50%,	208	190	11/25/2033	250	235
12/25/2027(e)	1,000	946	Series 2021-M3, Class X1, IO, 1.94%,		
Series K079, Class AM, 3.93%, 6/25/2028	588	570	11/25/2033(e)	2,526	226
Series K081, Class A2, 3.90%, 8/25/2028(e)	395	384	FREMF Mortgage Trust		
Series KL06, Class XFX, IO, 1.36%,			Series 2014-K40, Class C, 4.07%, 11/25/2047(b) (e)	168	161
12/25/2029(e)	4,215	275	Series 2015-K44, Class B, 3.72%,	100	101
Series K146, Class A2, 2.92%, 6/25/2032	1,100	967	1/25/2048(b) (e)	640	609
Series K-150, Class A2, 3.71%, 9/25/2032(e)	1,000	937	Series 2015-K45, Class B, 3.61%,		
Series K-151, Class A2, 3.80%,	4.450	4.005	4/25/2048(b) (e)	500	477
10/25/2032(e)	1,150	1,085	Series 2016-K722, Class B, 3.95%,		
Series Q013, Class APT2, 1.17%, 5/25/2050(e)	770	679	7/25/2049(b) (e)	110	109
FHLMC, Multi-Family WI Certificates Series K153		0.0	Series 2016-K59, Class B, 3.58%,	100	166
Class A2, 3.82%, 1/25/2033	1,000	940	11/25/2049(b) (e) Series 2018-K730, Class B, 3.80%,	180	166
			2/25/2050(b) (e)	551	526
			· / · /		

INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)	INVESTMENTS	PRINCIPAL AMOUNT (\$000)	VALUE (\$000)
Commercial Mortgage-Backed Securities , continu	,	(4000)		(4000)	(4000)
Series 2019-K102, Class B, 3.53%, 12/25/2051(b) (e) MRCD MARK Mortgage Trust	750	630	Series 2004-7, Class 2A1, 3.16%, 6/25/2034(e) Series 2005-16, Class A23, 5.50%,	11	10
Series 2019-PARK, Class A, 2.72%, 12/15/2036(b)	740	680	9/25/2035 Series 2005-22, Class 2A1, 3.45%,	26	16
Series 2019-PARK, Class D, 2.72%, 12/15/2036(b)	987	879	11/25/2035(e) Citigroup Global Markets Mortgage Securities VI	63 I	49
SBALR Commercial Mortgage Trust Series 2020-RR1, Class A3, 2.83%, 2/13/2053(b)	970	820	Inc. Series 2003-UP2, Class 1, PO, 6/25/2033	.,	
SLG Office Trust Series 2021-OVA, Class A, 2.59%, 7/15/2041(b)	930	742	Series 2003-HYB1, Class A, 4.24%, 9/25/2033(e)	4	4
UBS-BAMLL Trust Series 2012-WRM, Class A, 3.66%, 6/10/2030(b)	4	4			
Total Commercial Mortgage-Backed Securities (Cost \$29,451)		26,938			
Collateralized Mortgage Obligations ,, 5.6%					
Alternative Loan Trust					
Series 2004-2CB, Class 1A9, 5.75%, 3/25/2034	421	417			
Series 2005-22T1, Class A2, IF, IO, 0.68%, 6/25/2035(e)	280	19			
Series 2005-20CB, Class 3A8, IF, IO, 0.36%, 7/25/2035(e)	136	5			
Series 2005-28CB, Class 1A4, 5.50%, 8/25/2035	176	153			
Series 2005-54CB, Class 1A11, 5.50%, 11/25/2035	63	49			
Banc of America Alternative Loan Trust Series 2004-6, Class 15, PO, 7/25/2019	1	1			
Banc of America Funding Trust					
Series 2004-1, PO, 3/25/2034	8	5			
Series 2005-6, Class 2A7, 5.50%, 10/25/2035	56	46			
Series 2005-7, Class 30, PO, 11/25/2035	7	6			
Bear Stearns ARM Trust					
Series 2003-7, Class 3A, 3.59%, 10/25/2033(e)	5	4			
Series 2006-1, Class A1, 6.80%, 2/25/2036(e)	26	25			
Cascade MH Asset Trust Series 2021-MH1, Class A1, 1.75%, 2/25/2046(b)	877	745			
CHL Mortgage Pass-Through Trust					
Series 2004-HYB1, Class 2A, 3.76%, 5/20/2034(e)	7	6			
Series 2004-HYB3, Class 2A, 2.71%, 6/20/2034(e)	9	9			
0,20,200 1(0)	J	0			

PRINCIPAL
AMOUNT VALUE
(\$000) (\$000)

INVESTMENTS

Collateralized Mortgage Obligations ,, continued
FNMA, REMIC
Series 1997-61, Class ZC, 7.00%, 2/25/2023 " " "
Series G93-17, Class SI, IF, 6.00%, 4/25/2023(e) , , , ,
Series 1998-43, Class SA, IF, IO, 13.32%, 4/25/2023(e) ", "
Series 1993-146, Class E, PO, 5/25/2023 " "
Series 1993-84, Class M, 7.50%, 6/25/2023 10 10
Series 1993-205, Class H, PO, 9/25/2023 " "
Series 1993-165, Class SD, IF, 3.46%, 9/25/2023(e) , , , ,
Series 1993-155, Class PJ, 7.00%, 9/25/2023 1 1
Series 1993-165, Class SK, IF, 12.50%, 9/25/2023(e)
Series 1993-203, Class PL, 6.50%, 10/25/2023 2 2
Series 1995-19, Class Z, 6.50%, 11/25/2023 3 3
Series 1993-230, Class FA, 4.62%, 12/25/2023(e) ", "
Series 1993-223, Class PZ, 6.50%, 12/25/2023 4 4
Series 1993-225, Class UB, 6.50%, 12/25/2023 3 2
Series 2003-128, Class DY, 4.50%, 1/25/2024 21 21
Series 1994-37, Class L, 6.50%, 3/25/2024 6 6

2 / 2

F N M A , R E

			1	2	/
	PRINCIPAL				
	AMOUNT	VALUE			
INVESTMENTS	(\$000)	(\$000)			
Collateralized Mortgage Obligations ,, continued					
Series 2006-46, Class SW, IF, 8.11%, 6/25/2036(e)	5	5			
Series 2007-7, Class SG, IF, IO, 2.11%, 8/25/2036(e)	42	6			
Series 2006-110, PO, 11/25/2036	13	11			
Series 2006-117, Class GS, IF, IO, 2.26%, 12/25/2036(e)	22	1			
Series 2007-53, Class SH, IF, IO, 1.71%, 6/25/2037(e)	29	2			
Series 2007-88, Class VI, IF, IO, 2.15%, 9/25/2037(e)	47	4			
Series 2007-100, Class SM, IF, IO, 2.06%, 10/25/2037(e)	23				
Series 2008-1, Class BI, IF, IO, 1.52%,		2			
2/25/2038(e) Series 2008-16, Class IS, IF, IO, 1.81%,	25	2			
3/25/2038(e) Series 2008-46, Class HI, IO, 0.00%,	6	"			
6/25/2038(e)	15	1			
Series 2008-53, Class CI, IF, IO, 2.81%, 7/25/2038(e)	10	1			
Series 2009-112, Class ST, IF, IO, 1.86%, 1/25/2040(e)	22	2			
Series 2010-35, Class SB, IF, IO, 2.03%, 4/25/2040(e)	9	1			
Series 2010-80, Class PZ, 5.00%, 7/25/2040	373	372			
Series 2010-102, Class PN, 5.00%, 9/25/2040	433	432			
Series 2010-134, Class KZ, 4.50%,					
12/25/2040	193	175			
Series 2012-30, Class DZ, 4.00%, 4/25/2042		157			
Series 2013-67, Class KZ, 2.50%, 4/25/2043	887	699			
Series 2013-128, PO, 12/25/2043 Series 2014-38, Class QI, IO, 5.50%,	78	59			
12/25/2043	298	57			
Series 2014-19, Class Z, 4.50%, 4/25/2044	539	519			
Series 2016-38, Class NA, 3.00%, 1/25/2046	91	82			
FNMA, REMIC Trust, Whole Loan					
Series 1999-W1, PO, 2/25/2029	10	8			
Series 1999-W4, Class A9, 6.25%, 2/25/2029	38	39			
Series 2002-W7, Class A4, 6.00%, 6/25/2029	101	99			
Series 2003-W1, Class 1A1, 4.84%, 12/25/2042(e)	116	111			
Series 2003-W1, Class 2A, 5.29%, 12/25/2042(e)	17	17			

	PRINCIPAL AMOUNT	VALUE		PRINCIPAL AMOUNT	VALUE
NVESTMENTS	(\$000)	(\$000)	INVESTMENTS	(\$000)	(\$000)
Collateralized Mortgage Obligations ,, continued					
Series 2016-135, Class Z, 3.00%, 10/20/2046	241	201	Series 2004-4, Class 10A1, 5.00%, 5/25/2024	11	11
Series 2020-30, Class PT, 4.77%, 3/20/2048(e)	702	689	Series 2003-9, Class 8A1, 6.00%, 1/25/2034	29	28
Series 2011-H19, Class FA, 4.31%, 8/20/2061(e)	222	220	Series 2004-6, Class 7A1, 6.00%, 7/25/2034	51	48
Series 2012-H23, Class SA, 4.37%, 10/20/2062(e)	409	402	Series 2004-7, Class 30, PO, 8/25/2034 MASTR Asset Securitization Trust	5	3
Series 2013-H08, Class FC, 4.29%, 2/20/2063(e)	216	214	Series 2003-12, Class 15, PO, 12/25/2018	"	"
Series 2013-H09, Class HA, 1.65%, 4/20/2063	3	2	Series 2004-6, Class 15, PO, 7/25/2019, Series 2003-11, Class 9A6, 5.25%,		
Series 2014-H17, Class FC, 4.34%, 7/20/2064(e)	170	167	12/25/2033 Mastr Resecuritization Trust Series 2005-PO,	42	40
Series 2015-H16, Class FG, 4.28%, 7/20/2065(e)	410	405	Class 3, PO, 5/28/2035(b) NACC Reperforming Loan REMIC Trust Series	6	4
Series 2015-H30, Class FE, 4.44%, 11/20/2065(e)	523	518	2004-R2, Class A1, 6.50%, 10/25/2034(b) (e)	17	15
Series 2016-H11, Class FD, 2.57%, 5/20/2066(e)	123	121	PHH Alternative Mortgage Trust Series 2007-2, Class 2X, IO, 6.00%, 5/25/2037	73	15
Series 2016-H26, Class FC, 4.84%, 12/20/2066(e)	91	90	SACO I, Inc1 -1.257e]TJ -1 -1.5 TD [(Series)-2: 12/25/203ST73 (e)Serie54-64911.3(*	
Series 2017-H14, Class FV, 4.34%, 6/20/2067(e)	251	249			
Goodgreen Trust Series 2017-R1, 5.00%, 10/20/2051,	124	115			
GSR Mortgage Loan Trust	*				
Series 2004-6F, Class 1A2, 5.00%, 5/25/2034	18	17			
Series 2004-6F, Class 3A4, 6.50%, 5/25/2034	50	49			
Series 2004-13F, Class 3A3, 6.00%, 11/25/2034	8	7			
Home RE Ltd. (Bermuda) Series 2022-1, Class M1A, 6.78%, 10/25/2034(b) (e)	800	792			
Impac Secured Assets Trust Series 2006-1, Cla 2A1, 5.09%, 5/25/2036(e)		4			
JPMorgan Mortgage Trust Series 2006-A2, Class 5A3, 4.19%, 11/25/2033(e)		7			
LHOME Mortgage Trust Series 2021-RTL1, Class A1, 2.09%, 2/25/2026(b) (e)	510	483			
MASTR Adjustable Rate Mortgages Trust Serie 2004-13, Class 2A1, 4.02%, 4/21/2034(e)		6			
MASTR Alternative Loan Trust					
Series 2004-10, Class 1A1, 4.50%, 9/25/2019	1	1			

PRINCIPAL

HB High Coupon Bonds (a.k.a. "IOettes") represent the right to receive USD interest payments on an underlying pool of mortgages with similar features as those associated with IO securities. Unlike IO's the owner also has a right to receive a very small portion of principal. The high interest rates result from taking interest payments from other classes in the Real Estate Mortgage Investment Conduit trust and allocating them to the small principal of the HB class. ICE Intercontinental Exchange Inverse Floaters represent securities that pay interest at a rate that increases (decreases) with a decline (incline) in a specified index or have an interest rate shad repayments on the underlying pool of assets. The interest rate shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the pay value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities increase, the yield on these securities increases. REMIC SOFR SCRINIDX REMIC Sofra Real Estate Mortgage Investment Conduit Sorral Real Estate Mortgage Investment Conduit Socurities (and the fefticities of the preferenced benchmark. The interest rate shown is the current rate as of December 31, 2022. Variable or floating rate security, linked to the referenced benchmark. The interest rate shown is the current rate as of December 3	GNMA	Government National Mortgage Association	UMBS	Uniform Mortgage-Backed Securities
Features as those associated with IO securities, Unlike IO's the owner also has a right to receive a very small portion of principal. The high interest rates result from taking interest payments from other classes in the Real Estate Mortgage Investment Conduit trust (a) and allocating them to the small principal of the HB class. ICE Intercontinental Exchange (b) Intercontinental Exchange (b) Intercases (decreases) with a decline (incline) in a specified index or have an interest rate that adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rates and prepayments on the underlying pool of assets. The interest rate shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. The yields on these securities are subject to a cap and floor. The yields on these securities are subject to a coclerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR ILIBOR London Interbank Offered Rate PO Principal Only prepresents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities increase, the yield on these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFRINDX Compounding index of the Secured Overnight Financing Rate Separate Trading of Registered Interest and Principal of Securities. Real Estate Mortgage Investment Conduit Trust (a) Amount counters that shown is the current rate than and lalocating interest and principal or the HB class. (b) Value determined using significant unobsex significant unobsex inputs. The rate shown is the effective yield as of December 31, 2022. Securities increases (b) (d) (2), of the Securities Act of 1933, as amended. Variable or floating rate security, linked to the reference Denchmark. The interest shown is the current rate as of	HB	High Coupon Bonds (a.k.a. "IOettes") represent the right to receive	USD	United States Dollar
restures as those associated with IO securities. Unlike IO's the owner also has a right to receive a very small portion of principal. The high interest rates result from taking interest payments from other classes in the Real Estate Mortgage Investment Condult trust and allocating them to the small principal of the HB class. ICE Intercontinental Exchange (b) Intercontinental Exchange Investment Condult trust increases (decreases) with a decline (incline) in a specified index or have an interest rate at that adjusts periodically based on changes in current interest rates as the prepayments on the underlying pool of assets. The interest rate shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only or an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFRINDX Compounding index of the Secured Overnight Financing Rate Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (i) Walue determined using significant unobservable inputs. The rate shown is the effective yield as of December 31, 2022. Variable of floating rate security in the tare that rate that rate that rate that are that rate that are that rate as the that are treate shown is the certor floating rate security, linked to the referenced benchmark. The interest rate shown is the current rate as of December 31, 2022. Variable or flo		interest payments on an underlying pool of mortgages with similar	^	Amount nous do to loca their 0.40/ of not constr
The high interest rates result from taking interest payments from other classes in the Real Estate Mortgage Investment Conduit trust and allocating them to the small principal of the HB class. Inverse Floaters represent securities that pay interest at a rate that increases (decreases) with a decline (incline) in a specified index or have an interest rate that adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayments on the underlying pool. The yields on these securities are subject to accelerated principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases, the yield on these securities increases. EMBIC Real Estate Mortgage Investment Conduit SOFR Socured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate SPO The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. Interest and principal components of eligible notes and bonds as separate securities. Interest classes when is the effect to the reference benchmark. The interest rate is a fixed rate for an initial period that either resets at a specific date or may referse the future contingent upon a predetermined that either resets at a specific date or may referse the future contingent upon a predetermined that either resets at a preceded. Variable or floating rate security, like the refe		features as those associated with IO securities. Unlike IO's the	^	
other classes in the Real Estate Mortgage Investment Conduit trust and allocating them to the small principal of the HB class. (b) Intercontinental Exchange Interest Continental Exchange Interest Continent And Exchange Interest Continent Interest Index and Interest Continent Intere		owner also has a right to receive a very small portion of principal.	,	3 3
and allocating them to the small principal of the HB class. ICE Intercontinental Exchange Inverse Floaters represent securities that pay interest at a rate that increases (decreases) with a decline (incline) in a specified index or have an interest rate that adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rates shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the pay value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases. REMIC Real Estate Mortgage Investment Conduit Soft. SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (i) 31, 2022. Securities exempt from registration under Rule 144A or section 4(a)(2), of the Security Ala or section 4(a)(2), of the Securities Act of 1933, as amended. Variable or floating rate security, linked to the current rate as of December 31, 2022. Step bond. Interest rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The interest rate shown is the current rate as of Decemb		The high interest rates result from taking interest payments from	(-)	•
ICE Intercontinental Exchange IF Intercontinental Exchange Inverse Floaters represent securities that pay interest at a rate that increases (decreases) with a decline (incline) in a specified index or have an interest rate adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit Soprant Real Estate Mortgage Investment Conduit Soprantal Real Sagearate Trading of Registered Interest and Principal of Securities. REMIC Secured Overnight Financing Rate The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (j) Secured Overnight Financipal and principal and principal of Registered Interest and Principal of Securities. (ii) Secured Overnight Financing Rate The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities.		other classes in the Real Estate Mortgage Investment Conduit trust	(a)	•
Inverse Floaters represent securities that pay interest at a rate that increases (decreases) with a decline (incline) in a specified index or have an interest rate that adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases. REMIC SOFR Real Estate Mortgage Investment Conduit Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (j) or the Securitie, Index of the specified index or have amended. Variable or floating rate security, linked to the referenced benchmark. The interest rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The interest rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The interest rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future c		and allocating them to the small principal of the HB class.		· · · · · · · · · · · · · · · · · · ·
increases (decreases) with a decline (incline) in a specified index or have an interest rate that adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rates and prepayments on the underlying pool of assets. The interest rates and principal payments on an underlying pool of mortgage loans. The principal paydowns as a result of prepayment of these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit Soff Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (c) Variable or floating rate security, let interest rate shown is the current trate as of December 31, 2022. Step bond. Interest rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The interest rate shown is the current rate as of December 31, 2022. Variable or floating rate security, let interest as a specific and initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The interest rate shown is the current rate as of December 31, 2022. Variable or floating rate security, let interest rate shown is the current rate as of December 31, 2022. Variable or float	ICE	Intercontinental Exchange	(D)	
variable or floating rate security, linked to the referenced benchmark. The interest rate shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate STRIPS Real Estate Mortgage Investment Conduit Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (c) Variable or floating rate security, linked to the referenced benchmark. The interest rate shown is the current rate as of December 31, 2022. Step bond. Interest rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The interest rate shown is the current rate as of December 31, 2022. Variable or floating rate security, linkentor the current rate as of December 31, 2022. Variable or floating rate security, linkentor. (b) Lincers rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The interest rate shown is the current rate as of December 31, 2022.	IF	Inverse Floaters represent securities that pay interest at a rate that		, , , ,
referenced benchmark. The interest rate shown is the rate in effect as of December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases, the yield on these security, delayed delivery security, or forward commitment. REMIC SOFR Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate SCOFRINDX Compounding index of the Secured Overnight Financing Rate SETRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (d) (d) (d) (d) (d) (d) (d) (d		increases (decreases) with a decline (incline) in a specified index	(0)	
current rate as of December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate SEPAIRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (d) current rate as of December 31, 2022. Step bond. Interest rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The interest rate shown is the current rate as of December 31, 2022. Variable or floating rate security, the interest rate of which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of December 31, 2022. Variable or floating rate security, the interest and prioacipal portion only on an underlying pool of mortgage loans. The market value of these security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment Company		or have an interest rate that adjusts periodically based on changes	(C)	, , , , , , , , , , , , , , , , , , ,
December 31, 2022. The rate may be subject to a cap and floor. Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increase, the yield on these securities increase, the yield on these securities increase. REMIC Real Estate Mortgage Investment Conduit SOFR Separate Trading of Registered Interest and Principal of Securities. REMIC Soparate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (d) Step bond. Interest rate is a fixed rate for an initial period that either resets at a specific date or may reset in the future contingent upon a predetermined trigger. The future contingent trigger. The future contingent trigger. The fu				
Interest Only represents the right to receive the monthly interest payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (j) The rate shown is the current rate as of December 31, 2022. Variable or floating rate security, the interest rate of which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of December 31, 2022. All or a portion of the security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current rates of December 11, 2022. All or a portion of the security, the interest rate of which adjusts periodically based on changes in current interest rate as of December 31, 2022. All or a portion of the security, the interest rate shown is the current rate as of Dece			(d)	· · · · · · · · · · · · · · · · · · ·
payments on an underlying pool of mortgage loans. The principal amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate SOFRINDX Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (i) The rate shown is the current rate as of December 31, 2022. Variable or floating rate security, the interest rate shown is the current rate as of December 31, 2022. Variable or floating rate security, the interest rate shown is the current rate as of December 31, 2022. Variable or floating rate security, the interest rate of which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of December 31, 2022. All or a portion of the security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prefunction of the security, and tranch adjusts periodically based on changes in current interest rate shown is the current r			(u)	•
amount shown represents the par value on the underlying pool. The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate SOFRINDX Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (e) Variable or floating rate security, the interest rate as of December 31, 2022. Variable or floating rate security, the interest rate of which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current as and prepayments on the underlying pool of assets. The interest rate shown is the current as and prepayments on the underlying pool of assets. The interest rate shown is the current viet as of December 31, 2022. All or a portion of the security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the	IO	, ,		
The yields on these securities are subject to accelerated principal paydowns as a result of prepayment or refinancing of the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increases, the yield on these securities increases. REMIC REMIC SOFR Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (e) Variable or floating rate security, the interest rate of which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of December 31, 2022. All or a portion of the security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December				
Variable or floating rate security, the interest rate of which adjusts periodically based on changes in current income may be reduced considerably. LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit Sofrring Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (e) Variable or floating rate security, the interest rate of which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of December 31, 2022. All or a portion of the security is a when-issued security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current rate as of December which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rates and prepayments on the underlying pool of assets. The interest rates and prepayments on the underlying pool of assets. The interest rates and prepayments on the underlying as of December 31, 2022. All or a portion of the secur				
which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of mortgage instruments. As a result, interest income may be reduced considerably. LIBOR London Interbank Offered Rate Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC SOFR Real Estate Mortgage Investment Conduit Sofr Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate SOFRINDX Separate Trading of Registered Interest and Principal of Securities. Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. Which adjusts periodically based on changes in current interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of December 31, 2022. All or a portion of the security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December			(e)	· · · · · · · · · · · · · · · · · · ·
LIBOR London Interbank Offered Rate Po Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC SOFR Real Estate Mortgage Investment Conduit SoFRINDX Compounding index of the Secured Overnight Financing Rate Separate Trading of Registered Interest and Principal of Securities. STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. interest rates and prepayments on the underlying pool of assets. The interest rate shown is the current rate as of December 31, 2022. All or a portion of the security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current rate as of December 10 assets. The interest rates shown is the current rate as of December 10 assets. The interest rate shown is the current rate as of December 10 assets. The interest rates and prepayments on the underlying pool of assets. The interest rates shown is the current rate as of December 10 assets. The interest rate shown is the current rate as of December 10 assets. The interest rate shown is the current rate as of December 10 assets. The interest rate shown is the current rate as of December 10 assets. The interest rate shown is the current rate as of December 10 assets. The interest rate shown is the current rate as of December 10 assets. The interest rate shown is the current		1 , ,	(0)	
LIBOR London Interbank Offered Rate PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current rate as of December 31, 2022. All or a portion of the security is a when-issued security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current rate as of December and Polician rate as of December 31, 2022. All or a portion of the security is a when-issued security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised b				, , ,
PO Principal Only represents the right to receive the principal portion only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate SofrellNDX Compounding index of the Secured Overnight Financing Rate Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (f) The rate shown is the current yield as of December	LIDOD	•		
only on an underlying pool of mortgage loans. The market value of these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit Sofral Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities: The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (f) All or a portion of the security is a when-issued security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December				•
these securities is extremely volatile in response to changes in market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate Compounding index of the Secured Overnight Financing Rate Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (g) security, delayed delivery security, or forward commitment. Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December	PU	and an an underlying pool of mortgage loans. The market value of	(f)	All or a portion of the security is a when-issued
market interest rates. As prepayments on the underlying mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. Management Inc. The rate shown is the current yield as of December		those securities is extremely veletile in response to changes in	` '	
mortgages of these securities increase, the yield on these securities increases. REMIC Real Estate Mortgage Investment Conduit SOFR Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities: The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (g) Loan assignments are presented by obligor. Each series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December				commitment.
securities increases. REMIC SOFR Real Estate Mortgage Investment Conduit SOFR SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities: The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (j) Series or loan tranche underlying each obligor may have varying terms. The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December		,	(g)	Loan assignments are presented by obligor. Each
REMIC SOFR Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities: The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (h) The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December				series or loan tranche underlying each obligor may
SOFR Secured Overnight Financing Rate SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (i) The date shown represents the earliest of the prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December	REMIC			have varying terms.
SOFRINDX Compounding index of the Secured Overnight Financing Rate STRIPS Separate Trading of Registered Interest and Principal of Securities: The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (j) prerefunded date, next put date or final maturity date. Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December	_		(h)	The date shown represents the earliest of the
STRIPS Separate Trading of Registered Interest and Principal of Securities. The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (j) Investment in an affiliated fund, which is registered under the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December				
The STRIPS Program lets investors hold and trade individual interest and principal components of eligible notes and bonds as separate securities. (j) the Investment Company Act of 1940, as amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December		Separate Trading of Registered Interest and Principal of Securitie	(i)	
interest and principal components of eligible notes and bonds as separate securities. (j) amended, and is advised by J.P. Morgan Investment Management Inc. The rate shown is the current yield as of December		The STRIPS Program lets investors hold and trade individual		
separate securities. Management Inc. (j) The rate shown is the current yield as of December		· · · · · · · · · · · · · · · · · · ·		
(j) The rate shown is the current yield as of December			(*)	
31, 2022.			(J)	
				31, 2022.

	JPMorgan Insurance Trust Core Bond Portfolio
ASSETS:	
Investments in non-affiliates, at value	\$457,700
Investments in affiliates, at value	14,135
Cash	33
Receivables:	
Investment securities sold	3
Portfolio shares sold	260
	

	JPMorgan Insurand Trust Core Bond Portfolio
INVESTMENT INCOME:	
Interest income from non-affiliates	\$ 13,270
Dividend income from affiliates	369
Total investment income	13,639
EXPENSES:	
Investment advisory fees	1,892

STATEMENTS OF CHANGES IN NET ASSETS

FOR THE PERIODS INDICATED

(Amounts in thousands)

	JPMorgan Insurance Trust Core Bond Portfolio		
	Year Ended December 31, 2022	Year Ended December 31, 2021	
CHANGE IN NET ASSETS RESULTING FROM OPERATIONS:			
Net investment income (loss)	\$ 10,309	\$ 8,445	
Net realized gain (loss)	(4,767)	2,428	
Change in net unrealized appreciation/depreciation	(71,535)	(19,394)	
Change in net assets resulting from operations	(65,993)	(8,521)	
DISTRIBUTIONS TO SHAREHOLDERS:			
Class 1	(3,732)	(5,146)	
Class 2	(7,159)	(10,720)	
Total distributions to shareholders	(10,891)	(15,866)	
CAPITAL TRANSACTIONS:			
Change in net assets resulting from capital transactions	24,309	15,620	
NET ASSETS:			
Change in net assets	(52,575)	(8,767)	
Beginning of period	523,009	531,776	
End of period	<u>\$470,434</u>	\$523,009	
CAPITAL TRANSACTIONS:			
Class 1	4	.	
Proceeds from shares issued	\$ 55,066	\$ 50,627	
Distributions reinvested Cost of shares redeemed	3,732	5,146	
	(57,367)	(66,565)	
Change in net assets resulting from Class 1 capital transactions	1,431	(10,792)	
Class 2			
Proceeds from shares issued	108,307	80,420	
Distributions reinvested	7,159	10,720	
Cost of shares redeemed	(92,588)	(64,728)	
Change in net assets resulting from Class 2 capital transactions	22,878		
Total change in net assets resulting from capital transactions	<u>\$ 24,309</u>	<u>\$ 15,620</u>	
SHARE TRANSACTIONS:			
Class 1 Issued	5,406	4,407	
Reinvested	3,400	457	
Redeemed	(5,571)	(5,760)	
Change in Class 1 Shares		(896)	
	<u>202</u>	(030)	
Class 2		7.000	
Issued	10,750	7,088	
Reinvested Redeemed	713	963 (5.738)	
	<u>(9,119)</u>	(5,728)	
Change in Class 2 Shares	<u>2,344</u>	<u>2,323</u>	

SEE NOTES TO FINANCIAL STATEMENTS.

THIS PAGE IS INTENTIONALLY LEFT BLANK

FINANCIAL HIGHLIGHTS FOR THE PERIODS INDICATED

	Per share operating performance						
		Investment operations			Distributions		
	Net asset value, beginning of period	Net investment income (loss)(a)	Net realized and unrealized gains (losses) on investments	Total from investment operations	Net investment income	Net realized gain	Total distributions
JPMorgan Insurance Trust Core Bond Portfolio							
Class 1							
Year Ended December 31, 2022	\$11.34	\$0.24	\$(1.66)	\$(1.42)	\$(0.20)	\$(0.05)	\$(0.25)
Year Ended December 31, 2021	11.88	0.21	(0.37)	(0.16)	(0.22)	(0.16)	(0.38)
Year Ended December 31, 2020	11.24	0.24	0.63	0.87	(0.23)	"	(0.23)
Year Ended December 31, 2019	10.66	0.30	0.56	0.86	(0.28)	"	(0.28)
Year Ended December 31, 2018	10.94	0.29	(0.29)	"(e	(0.26)	(0.02)	(0.28)
Class 2							
Year Ended December 31, 2022	11.17	0.21	(1.62)	(1.41)	(0.18)	(0.05)	(0.23)
Year Ended December 31, 2021	11.72	0.17	(0.37)	(0.20)	(0.19)	(0.16)	(0.35)
Year Ended December 31, 2020	11.09	0.21	0.63	0.84	(0.21)	"	(0.21)
Year Ended December 31, 2019	10.53	0.27	0.55	0.82	(0.26)	"	(0.26)
Year Ended December 31, 2018	10.82	0.26	(0.29)	(0.03)	(0.24)	(0.02)	(0.26)

⁽a) Calculated based upon average shares outstanding.

⁽b) Includes adjustments in accordance with accounting principles generally accepted in the United States of America and as such, the net asset values for financial reporting purposes and the returns based upon those net asset values may differ from the net asset values and returns for shareholder transactions.

⁽c) Total returns do not include charges that will be imposed by variable insurance contracts or by Eligible Plans. If these charges were reflected, returns would be lower than those shown.

⁽d) Includes earnings credits and interest expense, if applicable, each of which is less than 0.005% unless otherwise noted.

⁽e) Amount rounds to less than \$0.005.

Ratios/Supplemental data

				Ratios to averag	e net assets	
Net asset value, end of period	Total return(b)(c)	Net assets, end of period (000's)	Net expenses(d)	Net investment income (loss)	Expenses without waivers and reimbursements	Portfolio turnover rate
\$ 9.67	(12.58)%	\$148.705	0.53%	2.34%	0.55%	60%
	'	+ -,				
11.34	(1.35)	172,023	0.53	1.79	0.54	93
11.88	7.84	190,891	0.53	2.09	0.55	92

comparable securities and the various relationships between securities in determining fair value and/or market characteristics in order to estimathe relevant cash flows, which are then discounted to calculate the fair values.

Investments in open-end investment companies (•Underlying FundsŽ) are valued at each Underlying Fund•s net asset values ('NAV") per share the report date.

See the table on •Quantitative Information about Level 3 Fair Value MeasurementsŽ for information on the valuation techniques and inputs used value level 3 securities held by at December 31, 2022.

Valuations reflected in this report are as of the report date. As a result, changes in valuation due to market events and/or issuer-related events at the report date and prior to issuance of the report are not reflected herein.

The various inputs that are used in determining the valuation of the Portfolio's investments are summarized into the three broad levels listed below.

- € Level 1 " Unadjusted inputs using quoted prices in active markets for identical investments.
- € Level 2 , Other significant observable inputs including, but not limited to, inpuubutformatits.

- ² Sales include all sales of securities, maturities, paydowns and securities tendered in corporate actions.
- (a) Certain Level 3 investments were re-classified between Asset-Backed Securities and Collateralized Mortgage Obligations.
- (b) Amount rounds to less than one thousand.

The changes in net unrealized appreciation (depreciation) attributable to securities owned at December 31, 2022, which were valued using significant unobservable inputs (level 3) amounted to \$(629). This amount is included in Change in net unrealized appreciation/depreciation on investments in non-affiliates on the Statement of Operations.

For the year ended December 31, 2022, transfers in and out of level 3 were the result of decreased or increased transparency of market activity and

The value of securities out on loan is recorded as an asset on the Statement of Assets and Liabilities. The value of the cash collateral received is recorded as a liability on the Statement of Assets and Liabilities and details of collateral investments are disclosed on the SOI.

NOTES TO FINANCIAL STATEMENTS

AS OF DECEMBER 31, 2022 (continued)

(Dollar values in thousands)

E. Waivers and Reimbursements The Adviser (for all share classes), Administrator (for all share classes) and/or JPMDS (for Class 2 Shares) have contractually agreed to waive fees and/or reimburse the Portfolio to the extent that total annual operating expenses (excluding acquired fund fees and expenses other than certain money market fund fees as described below, dividend and interest expenses related to short sales, interest, taxes, expenses related to litigation and potential litigation, expenses related to trustee elections and extraordinary expenses) exceed the percentages of the Portfolio's respective average daily net assets as shown in the table below:

Clas	s 1	Class 2
0.60	0%	0.85%

The expense limitation agreement was in effect for the year ended December 31, 2022 and the contractual expense limitation percentages in the table above are in place until at least April 30, 2023.

For the year ended December 31, 2022, the Portfolio's service providers did not waive fees and/or reimburse expenses for the Portfolio.

Additionally, the Portfolio may invest in one or more money market funds advised by the Adviser (affiliated money market funds). The Adviser, Administrator and/or JPMDS, have contractually agreed to waive fees and/or reimburse expenses in an amount sufficient to offset the respective net fees each collects from the affiliated money market fund on the Portfolio's investment in such affiliated money market fund, except for investments of securities lending cash collateral. None of these parties expect the Portfolio to repay any such waived fees and/or reimbursed expenses in future years.

The amount of these waivers resulting from investments in these money market funds for the year ended December 31, 2022 was \$55.

JPMIM voluntarily agreed to reimburse the Portfolio for the Trustee Fees paid to one of the interested Trustees. For the year ended December 31, 2022 the amount of this reimbursement was \$2.

F. Other — Certain officers of the Trust are affiliated with the Adviser, the Administrator and JPMDS. Such officers, with the exception of the Chief Compliance Officer, receive no compensation from the Portfolio for serving in their respective roles.

The Board designated and appointed a Chief Compliance Officer to the Portfolio pursuant to Rule 38a-1 under the 1940 Act. The Portfolio, along with affiliated funds, makes reimbursement payments, on a pro-rata basis, to the Administrator for a portion of the fees associated with the office of the Chief Compliance Officer. Such fees are included in Trustees' and Chief Compliance Officer's fees on the Statement of Operations.

The Trust adopted a Trustee Deferred Compensation Plan (the "Plan") which allows the independent Trustees to defer the receipt of all or a portion of compensation related to performance of their duties as Trustees. The deferred fees are invested in various J.P. Morgan Funds until distribution in accordance with the Plan.

During the year ended December 31, 2022, the Portfolio purchased securities from an underwriting syndicate in which the principal underwriter or members of the syndicate were affiliated with the Adviser.

The Securities and Exchange Commission ("SEC") has granted an exemptive order permitting the Portfolio to engage in principal transactions with J.P. Morgan Securities LLC, an affiliated broker, involving taxable money market instruments, subject to certain conditions.

4. Investment Transactions

During the year ended December 31, 2022, purchases and sales of investments (excluding short-term investments) were as follows:

Purchases	Sales	Purchases	Sales
(excluding	(excluding	of U.S.	of U.S.
U.S. Government)	U.S. Government)	Government	Government
\$257,503	\$239,838	\$55,927	

5. Federal Income Tax Matters

For Federal income tax purposes, the estimated cost and unrealized appreciation (depreciation) in value of investments held at December 31, 2022 were as follows:

A	.ggregate Cost	Gross Unrealized Appreciation	Gross Unrealized Depreciation	Net Unrealized Appreciation (Depreciation)
\$	532,079	\$816	\$61,060	\$(60,244)

The difference between book and tax basis appreciation (depreciation) on investments is primarily attributed to tax adjustments on certain investments.

that otherwise might require the untimely disposition of securities. Under the terms of the Credit Facility, a borrowing portfolio must have a minimum of \$25 million in adjusted net asset value and not exceed certain adjusted net asset coverage ratios prior to and during the time in which any borrowings are outstanding. If a portfolio does not comply with the aforementioned requirements, the portfolio must remediate within three

investments and result in costs incurred in connection with changing reference rates used for positions closing out positions and entering into new trades. Certain of the Portfolio's investments may transition from LIBOR prior to the dates announced by the FCA. The transition from LIBOR to alternative reference rates may result in operational issues for the Portfolio or its investments. No assurances can be given as to the impact of the LIBOR transition (and the timing of any such impact) on the Portfolio and its investments.

The Portfolio is subject to infectious disease epidemics/pandemics risk. The worldwide outbreak of COVID-19 has negatively affected economies, markets and individual companies throughout the world. The effects of this COVID-19 pandemic to public health, and business and market conditions, including among other things, reduced consumer demand and economic output, supply chain disruptions and increased government spending may continue to have a significant negative impact on the performance of the Portfolio's investments, increase the Portfolio's volatility, exacerbate other pre-existing political, social and economic risks to the Portfolio and negatively impact broad segments of businesses and populations. In addition, governments, their regulatory agencies, or self-regulatory organizations have taken or may take actions in response to the pandemic that affect the instruments in which the Portfolio invests, or the issuers of such instruments, in ways that could also have a significant negative impact on the Portfolio's investment performance. The duration and extent of COVID-19 and associated economic and market conditions and uncertainty over the long-term cannot be reasonably estimated at this time. The ultimate impact of COVID-19 and the extent to which the associated conditions impact the Portfolio will also depend on future developments, which are highly uncertain, difficult to accurately predict and subject to frequent changes.

8. Other Matters

On December 12, 2022, the Board approved a proposal to reorganize the Portfolio into a newly organized series (the "Acquiring Fund") of Lincoln Variable Insurance Products Trust (the "Reorganization").

The Acquiring Fund has the same investment objective and substantially identical principal investment strategies and principal risks as the Portfolio. The Acquiring Fund's investment adviser will be Lincoln Investment Advisors Corporation, and it is anticipated that JPMIM will be retained as the sub-adviser to the Acquiring Fund upon consummation of the Reorganization. Upon the closing of the Reorganization, the Class 1 Shares and Class 2 Shares of the Portfolio will be exchanged for the same value of Standard Class Shares and Service Class Shares, respectively, of the Acquiring Fund.

The Reorganization is subject to the approval of the Portfolio's shareholders at a special shareholder meeting to be held on or about March 15, 2023. If shareholder approval of the Reorganization is obtained, the Reorganization is expected to be effective on or about May 1, 2023. All costs related to the Reorganization will be borne by Lincoln Investment Advisors Corporation and JPMIM and not by the Portfolio or Acquiring Fund.

More detailed information about the reorganization was included in a proxy statement provided to shareholders.

DECEMBER 31, 2022 JPMORGAN INSURANCE TRUST 49

To the Board of Trustees of JPMorgan Insurance Trust and Shareholders of JPMorgan Insurance Trust Core Bond Portfolio

Opinion on the Financial Statements

We have audited the accompanying statement of assets and liabilities, including the schedule of portfolio investments, of JPMorgan Insurance Trust Core Bond Portfolio (one of the portfolios constituting JPMorgan Insurance Trust, referred to hereafter as the "Portfolio") as of December 31, 2022, the related statement of operations for the year ended December 31, 2022, the statements of changes in net assets for each of the two years in the period ended December 31, 2022, including the related notes, and the financial

The Portfolio's Statement of Additional Information includes additional information about the Portfolio's Trustees and is available, without charge, upon request by calling 1-800-480-4111 or on the Portfolio's website at www.jpmorgan.com/variableinsuranceportfolios.

Name (Year of Birth); Positions With

Principal Occupation During Past 5 Years the Portfolio (1)

Number of Funds in Fund

Complex Overseen Other Directorships Held During the Past 5 Years by Trustee (2)

Independent Trustees

John F. Finn (1947); Chair

Name (Year of Birth); Positions With the Portfolio (1)	Principal Occupation During Past 5 Years	Number of Funds in Fund Complex Overseen by Trustee (2)	Other Directorships Held During the Past 5 Years
Frankie D. Hughes (1952); Trustee since 2008.	President, Ashland Hughes Properties (property management) (2014-present); President and Chief Investment Officer, Hughes Capital Management, Inc. (fixed income asset management) (1993-2014).	179	None
Raymond Kanner (1953); Trustee since 2017.	Retired; Managing Director and Chief Investment Officer, IBM Retirement Funds (2007-2016(Hughes)-238(Pr)e		

Name (Year of Birth); Positions With the Portfolio (1)	Principal Occupation During Past 5 Years	Number of Funds in Fund Complex Overseen by Trustee (2)	Other Directorships Held During the Past 5 Years
Dr. Robert A. Oden, Jr. (1946); Trustee since 2005.	Retired; President, Carleton College (2002-2010); President, Kenyon College (1995-2002).	179	Trustee, The Coldwater Conservation Fund (2017-present); Trustee, American Museum of Fly Fishing (2013-present); Trustee and Vice Chair, Trout Unlimited (2017-2021);Trustee, Dartmouth- Hitchcock MedicalCenter (2011-2020).
Marian U. Pardo* (1946); Trustee since 2013.	Managing Director and Founder, Virtual Capital Management LLC (investment consulting) (2007-present); Managing Director, Credit Suisse Asset Management (portfolio manager) (2003-2006).	179	Board Chair and Member, Board of Governors, Columbus Citizens Foundation (not-for-profit supporting philanthropic and cultural programs)

TRUSTEES

(Unaudited) (continued)

The contact address for each of the Trustees is 277 Park Avenue, New York, NY 10172.

OFFICERS

(Unaudited)

Name (Year of Birth), Positions Held with	
the Trust (Since)	Principal Occupations During Past 5 Years
Brian S. Shlissel (1964), President and Principal Executive Officer (2016)*	Managing Director and Chief Administrative Officer for J.P. Morgan pooled vehicles, J.P. Morgan Investment Management Inc. since 2014.
Timothy J. Clemens (1975), Treasurer and Principal Financial Officer (2018)	Executive Director, J.P. Morgan Investment Management Inc. since February 2016. Mr. Clemens has been with J.P. Morgan Investment Management Inc. since 2013.
Gregory S. Samuels (1980), Secretary (2019) (formerly Assistant Secretary 2010-2019)	Managing Director and Assistant General Counsel, JPMorgan Chase & Co. Mr. Samuels has been with JPMorgan Chase & Co. since 2010.
Stephen M. Ungerman (1953), Chief Compliance Officer (2005)	Managing Director, JPMorgan Chase & Co. Mr. Ungerman has been with JPMorgan Chase & Co. since 2000.
Kiesha Astwood-Smith (1973), Assistant Secretary (2021)	Vice President and Assistant General Counsel, JPMorgan Chase & Co. since June 2021; Senior Director and Counsel, Equitable Financial Life Insurance Company (formerly, AXA Equitable Life Insurance Company) from September 2015 through June 2021.
Matthew Beck (1988), Assistant Secretary (2021)**	Vice President and Assistant General Counsel, JPMorgan Chase & Co. since May 2021; Senior Legal Counsel, Ultimus Fund Solutions from May 2018 through May 2021; General Counsel, The Nottingham Company from April 2014 through May 2018.
Elizabeth A. Davin (1964), Assistant Secretary (2005)**	Executive Director and Assistant General Counsel, JPMorgan Chase & Co. Ms. Davin has been with JPMorgan Chase & Co. (formerly Bank One Corporation) since 2004.
Jessica K. Ditullio (1962) Assistant Secretary (2005)**	Executive Director and Assistant General Counsel, JPMorgan Chase & Co. Ms. Ditullio has been with JPMorgan Chase & Co. (formerly Bank One Corporation) since 1990.
Anthony Geron (1971), Assistant Secretary (2018)	Vice President and Assistant General Counsel, JPMorgan Chase & Co. since September 2018; Lead Director and Counsel, AXA Equitable Life Insurance Company from 2015 to 2018 and Senior Director and Counsel, AXA Equitable Life Insurance Company from 2014 to 2015.
Carmine Lekstutis (1980), Assistant Secretary (2011)	Executive Director and Assistant General Counsel, JPMorgan Chase & Co. Mr. Lekstutis has been with JPMorgan Chase & Co. since 2011.
Max Vogel (1990), Assistant Secretary (2021)	Vice President and Assistant General Counsel, JPMorgan Chase & Co. since June 2021; Associate, Proskauer Rose LLP (law firm) from March 2017 to June 2021.
Zachary E. Vonnegut-Gabovitch (1986), Assistant Secretary (2017)	Vice President and Assistant General Counsel, JPMorgan Chase & Co. since September 2016.
Michael M. D'Ambrosio (1969), Assistant Treasurer (2012)	Managing Director, J.P. Morgan Investment Management Inc. Mr. D'Ambrosio has been with J.P. Morgan Investment Management Inc. since 2012.
Aleksandr Fleytekh (1972), Assistant Treasurer (2019)	Vice President, J.P. Morgan Investment Management Inc. since February 2012.
Shannon Gaines (1977), Assistant Treasurer (2018)**	Vice President, J.P. Morgan Investment Management Inc. since January 2014.
Jeffrey D. House (1972), Assistant Treasurer (2017)**	Vice President, J.P. Morgan Investment Management Inc. since July 2006.
Michael Mannarino (1985), Assistant Treasurer (2020)	Vice President, J.P. Morgan Investment Management Inc. since 2014.
Joseph Parascondola (1963), Assistant Treasurer (2011)*	Executive Director, J.P. Morgan Investment Management, Inc. Mr. Parascondola has been with J.P. Morgan Investment Management Inc. since 2006.
Gillian I. Sands (1969), Assistant Treasurer (2012)	Executive Director, J.P. Morgan Investment Management Inc. Ms. Sands has been with J.P. Morgan Investment Management Inc. since 2012.

The contact address for each of the officers, unless otherwise noted, is 277 Park Avenue, New York, NY 10172.

DECEMBER 31, 2022 JPMORGAN INSURANCE TRUST $\left| \ 55 \right|$

OFFICERS

(Unaudited) (continued)

- * The contact address for the officer is 575 Washington Boulevard, Jersey City, NJ 07310.
- ** The contact address for the officer is 1111 Polaris Parkway, Columbus, OH 43240.

retention of key talent, and regulatory support enhancements. The Trustees concluded that the current fee structure for the Portfolio, including Fee Caps that the Adviser has in place that serve to limit the overall net expense ratios of the Portfolio at competitive levels, was reasonable. The Trustees concluded that the Portfolio's shareholders received the benefits of potential economies of scale through the Fee Caps and the Adviser's reinvestment in its operations to serve the Portfolio and its shareholders. The Trustees noted that the Adviser's reinvestment ensures sufficient resources in terms of personnel and infrastructure to support the Portfolio.

Fees Relative to Adviser•s Other Clients

The Trustees received and considered information about the nature and extent of investment advisory services and fee rates offered to other clients of the Adviser, including, to the extent applicable, institutional separate accounts, collective investment trusts, other registered investment companies and/or private funds sub-advised by the Adviser, for investment management styles substantially similar to that of the Portfolio. The Trustees considered the complexity of investment management for registered investment companies relative to the Adviser's other clients and noted differences, as applicable, in the fee structure and the regulatory, legal and other risks and responsibilities of providing services to the different clients. The Trustees considered that serving as an adviser to a registered investment company involves greater responsibilities and risks than acting as a sub-adviser and observed that sub-advisory fees may be lower than those charged by the Adviser to the Portfolio. The Trustees also noted that the adviser, not the applicable investment company, typically bears the sub-advisory fee and that many responsibilities related to the advisory function are typically retained by the primary adviser. The Trustees concluded that the fee rates charged to the Portfolio in comparison to those charged to the Adviser's other clients were reasonable.

Investment Performance

The Trustees receive and consider information about the Portfolio's performance throughout the year. In addition, the Trustees received and considered absolute and/or relative performance information for the Portfolio in a report prepared by Broadridge. The Trustees considered the total return performance information, which included the ranking of the Portfolio within a performance universe comprised of funds with the same Broadridge investment classification and objective (the "Universe"), as well as a subset of funds within the Universe (the "Peer Group"), by total return for the applicable one-, three- and five-year periods. The Trustees reviewed a description of Broadridge's methodology for selecting mutual funds in the Portfolio's Universe and Peer Group and noted that Universe and Peer Group quintile rankings were not calculated if the number of funds in the

Universe and/or Peer Group did not meet a predetermined

by other funds. The Trustees' determinations as a result of the review of the Portfolio's advisory fees and expense ratios are summarized below:

The Trustees noted that the Portfolio's net advisory fee and actual total expenses for Class 1 shares were both in the third and fourth quintiles of the Peer Group and Universe, respectively. The Trustees noted that the Portfolio's net advisory fee

for Class 2 shares was in the third quintile of both the Peer Group and Universe, and that the actual total expenses for Class 2 shares were in the fourth quintile of both the Peer Group and Universe. After considering the factors identified above, in light of this information, the Trustees concluded that the advisory fee was satisfactory in light of the services

TAX LETTER

(Unaudited)

(Dollar values in thousands)

Long Term Capital Gain

The Portfolio distributed \$2,434, or maximum allowable amount, of long-term capital gain dividends for the fiscal year ended December 31, 2022.



J.P. Morgan Funds are distributed by JPMorgan Distribution Services, Inc., which is an affiliate of JPMorgan Chase & Co. Affiliates of JPMorgan Chase & Co. receive fees for providing various services to the funds.

Contact JPMorgan Distribution Services, Inc. at 1-800-480-4111 for a portfolio prospectus. You can also visit us at www.jpmorgan.com/variableinsuranceportfolios. Investors should carefully consider the investment objectives and risk as well as charges and expenses of the mutual fund before investing. The prospectus contains this and other information about the mutual fund. Read the prospectus carefully before investing.

Investors may obtain information about the Securities Investor Protection Corporation (SIPC), including the SIPC brochure, by visiting www.sipc.org or by calling SIPC at 202-371-8300.

The Portfolio files a complete schedule of its portfolio holdings for the first and third quarters of its fiscal year with the SEC as an exhibit to its report on Form N-PORT. The Portfolio's Form N-PORT reports are available on the SEC's website at http://www.sec.gov. The Portfolio's quarterly holdings can be found by visiting the Portfolio's website at www.jpmorgan.com/variableinsuranceportfolios.

A description of the Portfolio's policies and procedures with respect to the disclosure of the Portfolio's holdings is available in the prospectuses and Statement of Additional Information.

A copy of proxy policies and procedures is available without charge upon request by calling 1-800-480-4111 and on the Portfolio's website at www.jpmorgan.com/variableinsuranceportfolios. A description of such policies and procedures is on the SEC's website at www.sec.gov. The Trustees have delegated the authority to vote proxies for securities owned by the Portfolio to the Adviser. A copy of the Portfolio's voting record for the most recent 12-month period ended June 30 is available on the SEC's website at www.sec.gov or at the Portfolio's website at www.jpmorgan.com/variableinsuranceportfolios no later than August 31 of each year. The Portfolio's proxy voting record will include, among other things, a brief description of the matter voted on for each portfolio security, and will state how each vote was cast, for example, for or against the proposal.

