John Hancock Managed Account Shares

Quarterly portfolio holdings 2/28/2023



Portfolios' investments

MANAGED ACCOUNT SHARES INVESTMENT-GRADE CORPORATE BOND PORTFOLIO

As of 2-28-23 (unaudited)	Rate (%)	Maturity date	Par value^	Value
Corporate bonds 97.1%				\$77,647,869
(Cost \$82,128,413)				
Communication services 4.6%				3,651,656
Entertainment 1.1%				
WarnerMedia Holdings, Inc. (A)	5.050	03-15-42	445,000	360,510
WarnerMedia Holdings, Inc. (A)	5.141	03-15-52	615,000	482,101
Media 2.7%				
Charter Communications Operating LLC	4.200	03-15-28	850,000	781,172
Charter Communications Operating LLC	4.800	03-01-50	258,000	188,562
Charter Communications Operating LLC	5.750	04-01-48	682,000	569,564
Charter Communications Operating LLC	6.484	10-23-45	715,000	646,895
Wireless telecommunication services 0.8%			•	
T-Mobile USA, Inc.	3.875	04-15-30	422,000	382,647
Vodafone Group PLC	5.625	02-10-53	250,000	240,205
volutione Group i EC	5.025	02 10 33	230,000	240,203
Consumer discretionary 11.0%				8,835,866
Automobiles 5.0%				
General Motors Company	5.400	10-15-29	504,000	483,966
General Motors Financial Company, Inc.	2.400	10-15-28	813,000	680,500
General Motors Financial Company, Inc.	3.600	06-21-30	1,273,000	1,093,367
Hyundai Capital America (A)	1.000	09-17-24	625,000	581,537
Hyundai Capital America (A)	2.375	10-15-27	411,000	358,720
Nissan Motor Acceptance Company LLC (A)	1.125	09-16-24	415,000	383,337
Nissan Motor Acceptance Company LLC (A)	2.000	03-09-26	246,000	215,959
Nissan Motor Company, Ltd. (A)	4.810	09-17-30	258,000	223,846
Hotels, restaurants and leisure 4.2%				
Choice Hotels International, Inc.	3.700	12-01-29	288,000	250,458
Choice Hotels International, Inc.	3.700	01-15-31	235,000	202,854
Expedia Group, Inc.	2.950	03-15-31	374,000	300,442
Expedia Group, Inc.	3.800	02-15-28	1,111,000	1,020,464
Expedia Group, Inc.	4.625	08-01-27	419,000	399,891
Expedia Group, Inc.	5.000	02-15-26	360,000	355,040
Marriott International, Inc.	4.625	06-15-30	231,000	218,025
Marriott International, Inc.	4.650	12-01-28	633,000	613,852
Internet and direct marketing retail 0.4%				
eBay, Inc.	2.700	03-11-30	386,000	328,049
Multiline retail 0.7%			222,222	2272.2
Dollar Tree, Inc.	4.200	05-15-28	620,000	589,560
	4.200	03 13 20	020,000	303,300
Specialty retail 0.7%	4.750	00.01.20	F77.000	F2F 000
AutoNation, Inc.	4.750	06-01-30	577,000	535,999
Consumer staples 4.0%				3,224,215
Beverages 0.7%				
Anheuser-Busch Companies LLC	4.900	02-01-46	121,000	110,990
Anheuser-Busch InBev Worldwide, Inc.	4.600	04-15-48	488,000	431,188
Food products 3.3%			,	,
IBS USA LUX SA (A)	3.625	01-15-32	723,000	579,137
IBS USA LUX SA (A)	5.125	02-01-28	244,000	231,917
IBS USA LUX SA (A)	5.750	04-01-33	670,000	624,922
Kraft Heinz Foods Company	4.375	06-01-46	843,000	688,211
Kraft Heinz Foods Company	4.875	10-01-49	217,000	191,295
Kraft Heinz Foods Company	5.000	06-04-42	404,000	366,555

-	Rate (%)	Maturity date	Par value^	Value
Energy 14.9%				\$11,880,032
Oil, gas and consumable fuels 14.9%	2.000	04.45.05	500.000	405.074
Aker BP ASA (A)	3.000	01-15-25	520,000	495,076
Aker BP ASA (A)	3.100	07-15-31	729,000	596,846
Aker BP ASA (A)	3.750	01-15-30	171,000	150,882
Aker BP ASA (A)	4.000	01-15-31	171,000	150,410
Cheniere Energy Partners LP	4.500	10-01-29	315,000	285,866
Continental Resources, Inc.	4.900	06-01-44	283,000	211,781
Diamondback Energy, Inc.	3.125	03-24-31	425,000	356,436
Enbridge, Inc. (5.750% to 4-15-30, then 5 Year CMT + 5.314%)	5.750	07-15-80	440,000	412,663
Enbridge, Inc. (6.250% to 3-1-28, then 3 month LIBOR + 3.641%)	6.250	03-01-78	511,000	473,018
Energy Transfer LP	4.200	04-15-27	655,000	619,699
Energy Transfer LP	5.150	03-15-45	483,000	405,332
Energy Transfer LP	5.250	04-15-29	1,053,000	1,026,967
Energy Transfer LP	5.400	10-01-47	272,000	233,848
Energy Transfer LP	5.500	06-01-27	370,000	367,860
Enterprise Products Operating LLC (5.250% to 8-16-27, then 3 month LIBOR + 3.033%)	5.250	08-16-77	659,000	588,42
Kinder Morgan Energy Partners LP	7.750	03-15-32	287,000	316,728
MPLX LP	4.000	03-15-28	301,000	281,77
MPLX LP	4.125	03-01-27	15,000	14,310
MPLX LP	4.250	12-01-27	313,000	296,097
MPLX LP	4.950	09-01-32	318,000	298,852
Ovintiv, Inc.	7.200	11-01-31	27,000	28,360
Sabine Pass Liquefaction LLC	4.200	03-15-28	436,000	409,283
Sabine Pass Liquefaction LLC	4.500	05-15-30	1,369,000	1,282,40
Sabine Pass Liquefaction LLC	5.000	03-15-27	257,000	250,846
Targa Resources Corp.	4.950	04-15-52	610,000	487,929
Targa Resources Partners LP	4.000	01-15-32	664,000	562,806
The Williams Companies, Inc.	3.750	06-15-27	565,000	531,010
The Williams Companies, Inc.	4.650	08-15-32	167,000	155,600
Var Energi ASA (A)	8.000	11-15-32	565,000	588,928
Financials 18.0%				14,357,831
Banks 7.3%				
Banco Santander SA	4.379	04-12-28	250,000	234,971
Bank of America Corp. (3.846% to 3-8-32, then 5 Year CMT + 2.000%)	3.846	03-08-37	221,000	186,483
Bank of America Corp. (4.271% to 7-23-28, then 3 month LIBOR + 1.310%)	4.271	07-23-29	112,000	105,125
Bank of America Corp. (6.300% to 3-10-26, then 3 month LIBOR + 4.553%) (B)	6.300	03-10-26	59,000	59,369
BNP Paribas SA (9.250% to 11-17-27, then 5 Year CMT + 4.969%) (A)(B)	9.250	11-17-27	285,000	304,238
Citigroup, Inc. (2.561% to 5-1-31, then SOFR + 1.167%)	2.561	05-01-32	108,000	86,72
Citizens Financial Group, Inc.	3.250	04-30-30	129,000	112,692
Credit Agricole SA (A)	2.811	01-11-41	286,000	188,046
Credit Agricole SA (A)	3.250	01-14-30	409,000	346,605
JPMorgan Chase & Co. (4.600% to 2-1-25, then 3 month CME Term SOFR +				,
3.125%) (B)	4.600	02-01-25	556,000	515,773
JPMorgan Chase & Co. (6.750% to 2-1-24, then 3 month LIBOR + 3.780%) (B)	6.750	02-01-24	681,000	683,979
Lloyds Banking Group PLC	4.450	05-08-25	229,000	223,278
NatWest Group PLC (3.754% to 11-1-24, then 5 Year CMT + 2.100%)	3.754	11-01-29	230,000	215,739
Santander Holdings USA, Inc. (2.490% to 1-6-27, then SOFR + 1.249%)	2.490	01-06-28	164,000	142,84
Santander Holdings USA, Inc.	3.244	10-05-26	458,000	422,190
Santander Holdings USA, Inc.	3.450	06-02-25	315,000	299,537
Santander Holdings USA, Inc.	4.400	07-13-27	255,000	242,226
Societe Generale SA (6.221% to 6-15-32, then 1 Year CMT + 3.200%) (A)	6.221	06-15-33	320,000	303,91
The PNC Financial Services Group, Inc. (3.400% to 9-15-26, then 5 Year CMT + 2.595%) (B)	3.400	09-15-26	216,000	178,502

Financials (southered)	Rate (%)	Maturity date	Par value^	Value
Financials (continued)				
Banks (continued) The PNC Financial Services Group, Inc. (4.850% to 6-1-23, then 3 month LIBOR				
+ 3.040%) (B)	4.850	06-01-23	47,000	\$46,344
The PNC Financial Services Group, Inc. (6.250% to 3-15-30, then 7 Year CMT + 2.808%) (B)	6.250	03-15-30	379,000	366,683
The PNC Financial Services Group, Inc. (3 month LIBOR + 3.678%) (B)(C)	8.492	05-01-23	58,000	58,458
Wells Fargo & Company (5.875% to 6-15-25, then 3 month LIBOR + 3.990%) (B)	5.875	06-15-25	554,000	549,568
Capital markets 5.4%				
Ares Capital Corp.	2.150	07-15-26	602,000	518,650
Ares Capital Corp.	2.875	06-15-28	129,000	105,959
Ares Capital Corp.	3.250	07-15-25	236,000	219,523
Ares Capital Corp.	3.875	01-15-26	786,000	729,207
Ares Capital Corp.	4.200	06-10-24	142,000	138,951
Blackstone Private Credit Fund	2.350	11-22-24	560,000	522,176
Blackstone Private Credit Fund	2.700	01-15-25	549,000	511,625
Blackstone Private Credit Fund	3.250	03-15-27	35,000	30,139
Blackstone Private Credit Fund	4.000	01-15-29	458,000	388,563
Deutsche Bank AG (2.311% to 11-16-26, then SOFR + 1.219%)	2.311	11-16-27	230,000	199,698
Deutsche Bank AG (2.552% to 1-7-27, then SOFR + 1.318%)	2.552	01-07-28	297,000	258,406
Lazard Group LLC	4.375	03-11-29	32,000	29,970
Macquarie Bank, Ltd. (A)	3.624	06-03-30	229,000	193,463
Morgan Stanley (2.239% to 7-21-31, then SOFR + 1.178%)	2.239	07-21-32	105,000	81,675
Morgan Stanley (2.484% to 9-16-31, then SOFR + 1.360%)	2.484	09-16-36	249,000	185,757
The Goldman Sachs Group, Inc. (2.650% to 10-21-31, then SOFR + 1.264%)	2.650	10-21-32	212,000	169,035
Consumer finance 0.6%			,	,
Capital One Financial Corp. (1.343% to 12-6-23, then SOFR + 0.690%)	1.343	12-06-24	185,000	178,308
Discover Financial Services	4.100	02-09-27	280,000	265,316
Insurance 4.7%				
Athene Holding, Ltd.	3.500	01-15-31	1,054,000	884,844
CNA Financial Corp.	2.050	08-15-30	1,095,000	866,259
CNO Financial Group, Inc.	5.250	05-30-29	653,000	618,763
MetLife, Inc. (6.400% to 12-15-36, then 3 month LIBOR + 2.205%)	6.400	12-15-36	575,000	577,087
Nippon Life Insurance Company (2.750% to 1-21-31, then 5 Year CMT + 2.653%) (A)	2.750	01-21-51	662,000	542,840
Prudential Financial, Inc. (5.125% to 11-28-31, then 5 Year CMT + 3.162%)	5.125	03-01-52	113,000	103,265
SBL Holdings, Inc. (A)	5.000	02-18-31	120,000	98,290
Teachers Insurance & Annuity Association of America (A)	4.270	05-15-47	78,000	66,779
Health care 5.8%				4,612,120
Health care providers and services 4.8%				
AmerisourceBergen Corp.	2.800	05-15-30	418,000	356,105
Centene Corp.	4.625	12-15-29	780,000	713,304
CVS Health Corp.	3.750	04-01-30	153,000	138,195
CVS Health Corp.	3.875	07-20-25	108,000	104,633
CVS Health Corp.	5.050	03-25-48	378,000	339,255
Fresenius Medical Care US Finance III, Inc. (A)	2.375	02-16-31	942,000	686,596
Fresenius Medical Care US Finance III, Inc. (A)	3.750	06-15-29	993,000	836,036
Universal Health Services, Inc.	1.650	09-01-26	345,000	299,562
Universal Health Services, Inc.	2.650	10-15-30	409,000	333,078
Pharmaceuticals 1.0%				
Royalty Pharma PLC	1.750	09-02-27	29,000	24,571
Viatris, Inc.	2.300	06-22-27	515,000	444,832
Viatris, Inc.	2.700	06-22-30	318,000	252,101

Health care (continued)	Rate (%)	Maturity date	Par value^	Value
Pharmaceuticals (continued)				
Viatris, Inc.	4.000	06-22-50	130,000	\$83,852
Industrials 21.0%				16,783,210
Aerospace and defense 4.2%				.,,
DAE Funding LLC (A)	3.375	03-20-28	686,000	611,27
Huntington Ingalls Industries, Inc.	4.200	05-01-30	464,000	423,52
The Boeing Company	3.200	03-01-29	541,000	475,84
The Boeing Company	5.040	05-01-27	615,000	605,74
The Boeing Company	5.150	05-01-30	1,267,000	1,226,03
• , ,	5.150	03 01 30	1,207,000	1,220,03
Airlines 8.4%	0.000	00.15.25	100.200	202.00
Alaska Airlines 2020-1 Class B Pass Through Trust (A)	8.000	08-15-25	199,366	203,80
American Airlines 2016-1 Class AA Pass Through Trust	3.575	01-15-28	196,831	179,17
American Airlines 2017-1 Class AA Pass Through Trust	3.650	02-15-29	117,150	105,49
American Airlines 2017-2 Class A Pass Through Trust	3.600	10-15-29	37,822	31,80
American Airlines 2019-1 Class A Pass Through Trust	3.500	02-15-32	17,583	14,63
American Airlines 2019-1 Class AA Pass Through Trust	3.150	02-15-32	499,022	434,44
American Airlines 2021-1 Class A Pass Through Trust	2.875	07-11-34	297,796	243,93
British Airways 2018-1 Class A Pass Through Trust (A)	4.125	09-20-31	91,154	79,31
British Airways 2020-1 Class A Pass Through Trust (A)	4.250	11-15-32	293,015	272,51
British Airways 2020-1 Class B Pass Through Trust (A)	8.375	11-15-28	185,197	182,76
Delta Air Lines, Inc. (A)	4.750	10-20-28	433,000	411,22
JetBlue 2019-1 Class AA Pass Through Trust	2.750	05-15-32	779,291	659,13
United Airlines 2014-2 Class A Pass Through Trust	3.750	09-03-26	1,057,806	993,08
United Airlines 2016-1 Class A Pass Through Trust	3.450	07-07-28	445,038	381,02
United Airlines 2018-1 Class B Pass Through Trust	4.600	03-01-26	214,507	202,70
United Airlines 2019-1 Class A Pass Through Trust	4.550	08-25-31	268,121	241,30
United Airlines 2020-1 Class A Pass Through Trust	5.875	10-15-27	1,069,174	1,050,46
United Airlines 2020-1 Class B Pass Through Trust	4.875	01-15-26	252,502	242,40
US Airways 2010-1 Class A Pass Through Trust	6.250	04-22-23	12,878	12,78
US Airways 2012-1 Class A Pass Through Trust	5.900	10-01-24	819,167	817,16
Building products 0.7%				
Owens Corning	3.950	08-15-29	603,000	553,69
•	3.330	00 10 25	000/000	333,03
Electrical equipment 0.5%	6.050	02-15-26	305.000	201.02
Regal Rexnord Corp. (A)	0.030	02-13-20	395,000	391,83
Professional services 0.8%		07.45.00	772.000	607.44
CoStar Group, Inc. (A)	2.800	07-15-30	773,000	637,11
Trading companies and distributors 6.4%				
AerCap Ireland Capital DAC	1.650	10-29-24	383,000	355,30
AerCap Ireland Capital DAC	1.750	01-30-26	491,000	434,03
AerCap Ireland Capital DAC	2.450	10-29-26	1,779,000	1,568,31
AerCap Ireland Capital DAC	2.875	08-14-24	570,000	542,00
Air Lease Corp.	2.100	09-01-28	207,000	171,02
Air Lease Corp.	2.875	01-15-26	493,000	454,44
Air Lease Corp.	3.625	12-01-27	22,000	19,99
Ashtead Capital, Inc. (A)	1.500	08-12-26	231,000	198,48
Ashtead Capital, Inc. (A)	4.250	11-01-29	469,000	424,07
Ashtead Capital, Inc. (A)	5.500	08-11-32	385,000	369,17
Ashtead Capital, Inc. (A)	5.550	05-30-33	200,000	191,64
SMBC Aviation Capital Finance DAC (A)	2.300	06-15-28	449,000	370,47

Information technology 9.2%	Rate (%)	Maturity date	Par value^	Value \$7,378,086
Communications equipment 0.7%				
Motorola Solutions, Inc.	2.300	11-15-30	175,000	136,887
Motorola Solutions, Inc.	2.750	05-24-31	184,000	146,247
Motorola Solutions, Inc.	4.600	05-23-29	305,000	287,026
Electronic equipment, instruments and components 0.9%			222,222	
Flex, Ltd.	6.000	01-15-28	725,000	731,489
IT services 0.2%				
VeriSign, Inc.	2.700	06-15-31	200,000	161,483
Semiconductors and semiconductor equipment 6.2%			,	,
Broadcom, Inc. (A)	3.419	04-15-33	596,000	479,838
Broadcom, Inc.	4.750	04-15-29	1,723,000	1,647,998
Broadcom, Inc. (A)	4.926	05-15-37	215,000	187,013
Micron Technology, Inc.	4.185	02-15-27	588,000	556,592
Micron Technology, Inc.	5.327	02-06-29	1,217,000	1,188,830
NXP BV	3.875	06-18-26	296,000	281,15
Qorvo, Inc. (A)	1.750	12-15-24	570,000	528,22
Qorvo, Inc. (A)	3.375	04-01-31	141,000	112,83
Software 0.4%	3.373	0.0.5.	, , , , ,	
Oracle Corp.	2.950	04-01-30	151,000	128,85
VMware, Inc.	4.700	05-15-30	225,000	210,62
Technology hardware, storage and peripherals 0.8%	4.700	03 13 30	225,000	210,02.
Dell International LLC	4.900	10-01-26	269,000	263,07
Dell International LLC	5.300	10-01-29	147,000	142,03
Western Digital Corp.	4.750	02-15-26	199,000	187,88
	4.750	02 13 20	155,000	
Materials 2.2%				1,770,12
Chemicals 0.4%				
Braskem Netherlands Finance BV (A)	5.875	01-31-50	458,000	349,649
Metals and mining 1.8%				
Anglo American Capital PLC (A)	4.750	04-10-27	229,000	222,36
Freeport-McMoRan, Inc.	4.250	03-01-30	289,000	261,72
Freeport-McMoRan, Inc.	4.625	08-01-30	288,000	265,78
Freeport-McMoRan, Inc.	5.450	03-15-43	526,000	474,89
Newmont Corp.	2.800	10-01-29	230,000	195,71
Real estate 5.0%				4,026,89
Equity real estate investment trusts 5.0%				
American Homes 4 Rent LP	4.250	02-15-28	297,000	277,34
American Tower Corp.	3.800	08-15-29	247,000	222,66
Crown Castle, Inc.	3.650	09-01-27	80,000	74,42
Crown Castle, Inc.	3.800	02-15-28	59,000	54,79
GLP Capital LP	3.250	01-15-32	332,000	263,72
GLP Capital LP	4.000	01-15-30	295,000	258,35
GLP Capital LP	5.375	04-15-26	263,000	256,48
Host Hotels & Resorts LP	3.375	12-15-29	593,000	504,67
Host Hotels & Resorts LP	3.500	09-15-30	162,000	134,66
Host Hotels & Resorts LP	4.000	06-15-25	1,045,000	1,016,71
Host Hotels & Resorts LP	4.500	02-01-26	236,000	227,50
SBA Tower Trust (A)	6.599	01-15-28	178,000	183,73
VICI Properties LP (A)	4.125	08-15-30	59,000	50,96
VICI Properties LP	4.375	05-15-25	70,000	67,36
VICI Properties LP (A)	4.625	12-01-29	227,000	203,38
VICI Properties LP	5.125	05-15-32	248,000	230,10

	Data (0/)	Maturity data	Par value^	Value
Utilities 1.4%	Rate (%)	Maturity date	rar value^	\$1,127,832
Electric utilities 1.4%				\$1,121,032
NextEra Energy Capital Holdings, Inc.	6.051	03-01-25	185,000	186,127
NRG Energy, Inc. (A)	2.450	12-02-27	502,000	423,237
NRG Energy, Inc. (A)	4.450	06-15-29	66,000	58,729
Vistra Operations Company LLC (A)	3.700	01-30-27	165,000	151,076
Vistra Operations Company LLC (A)	4.300	07-15-29	343,000	308,663
Municipal bonds 0.5%				\$370,776
(Cost \$496,493)				
Foothill-Eastern Transportation Corridor Agency (California)	4.094	01-15-49	30,000	24,216
Golden State Tobacco Securitization Corp. (California)	4.214	06-01-50	108,000	86,079
Maryland Health & Higher Educational Facilities Authority	3.197	07-01-50	125,000	88,760
New Jersey Transportation Trust Fund Authority	4.081	06-15-39	60,000	51,617
Ohio Turnpike & Infrastructure Commission	3.216	02-15-48	30,000	21,634
Regents of the University of California Medical Center Pooled Revenue	3.006	05-15-50	140,000	98,470
Total investments (Cost \$82,624,906) 97.6%				\$78,018,645
Other assets and liabilities, net 2.4%				1,946,274
Total net assets 100.0%				\$79,964,919

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the portfolio.

Security Abbreviations and Legend

- CME Chicago Mercantile Exchange
- CMT Constant Maturity Treasury
- LIBOR London Interbank Offered Rate
- SOFR Secured Overnight Financing Rate
- (A) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$17,194,341 or 21.5% of the portfolio's net assets as of 2-28-23.
- (B) Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
- (C) Variable rate obligation. The coupon rate shown represents the rate at period end.

The portfolio had the following country composition as a percentage of net assets on 2-28-23:

United States	84.3%
Ireland	4.1%
Norway	2.5%
United Kingdom	1.8%
France	1.4%
Canada	1.1%
Bermuda	1.1%
Japan	1.0%
Other countries	2.7%
TOTAL	100.0%

MANAGED ACCOUNT SHARES NON-INVESTMENT-GRADE CORPORATE BOND PORTFOLIO

As of 2-28-23 (unaudited)	Rate (%)	Maturity date	Par value^	Value
Foreign government obligations 0.5%				\$204,428
(Cost \$214,210)				
Argentina 0.5%				204,428
Republic of Argentina Bond (3.500% to 7-9-29, then 4.875% thereafter)	3.500	07-09-41	651,000	204,428

[^]All par values are denominated in U.S. dollars unless otherwise indicated.

	Rate (%)	Maturity date	Par value^	Value
Corporate bonds 96.1%				\$39,745,41
(Cost \$42,911,652)				
Communication services 17.3%				7,171,42
Diversified telecommunication services 4.6%				
C&W Senior Financing DAC (A)	6.875	09-15-27	200,000	181,20
Connect Finco SARL (A)	6.750	10-01-26	426,000	394,06
GCI LLC (A)	4.750	10-15-28	148,000	126,910
Kenbourne Invest SA (A)	4.700	01-22-28	200,000	138,150
Level 3 Financing, Inc. (A)	3.400	03-01-27	405,000	339,93
Telesat Canada (A)	5.625	12-06-26	84,000	43,89
Total Play Telecomunicaciones SA de CV (A)	6.375	09-20-28	200,000	155,480
Total Play Telecomunicaciones SA de CV (A)	7.500	11-12-25	604,000	537,620
Entertainment 5.0%				
Lions Gate Capital Holdings LLC (A)	5.500	04-15-29	183,000	130,74
Netflix, Inc.	4.875	04-15-28	858,000	831,80
Netflix, Inc. (A)	4.875	06-15-30	173,000	166,080
Netflix, Inc. (A)	5.375	11-15-29	275,000	270,639
Netflix, Inc.	5.875	11-15-28	395,000	399,93
WMG Acquisition Corp. (A)	3.875	07-15-30	339,000	287,54
Interactive media and services 0.6%			,	,,,
Match Group Holdings II LLC (A)	3.625	10-01-31	75,000	58,68
Match Group Holdings II LLC (A)	4.125	08-01-30	217,000	179,88
·	1.123	00 01 50	217,000	175,00
Media 4.7%	4.500	06-01-33	124.000	104.25
CCO Holdings LLC (A) Globo Comunicacao e Participacoes SA (A)	4.875	01-22-30	134,000 442,000	104,25 357,29
LCPR Senior Secured Financing DAC (A)	5.125	07-15-29	200,000	169,08
News Corp. (A)	3.875	05-15-29	200,000	174,81
News Corp. (A)	5.125	02-15-32	79,000	70,10
Sirius XM Radio, Inc. (A)	4.000	07-15-28	184,000	157,32
Sirius XM Radio, Inc. (A)	5.000	08-01-27	487,000	446,82
Stagwell Global LLC (A)	5.625	08-15-29	460,000	395,60
Univision Communications, Inc. (A)	4.500	05-01-29	79,000	66,63
· · · ·	4.500	03 01 23	75,000	00,03
Wireless telecommunication services 2.4%	6 250	03-25-29	100 000	162.00
Millicom International Cellular SA (A)	6.250		180,000	163,80
MTN Mauritius Investments, Ltd. (A)	4.755	11-11-24	200,000	192,94
Sprint LLC	7.875	09-15-23	163,000	164,52
Vodafone Group PLC (7.000% to 1-4-29, then 5 Year U.S. Swap Rate + 4.873%)	7.000	04-04-79	475,000	465,64
Consumer discretionary 19.3%				7,994,58
Auto components 0.2%				
Dealer Tire LLC (A)	8.000	02-01-28	81,000	73,54
Automobiles 5.5%				
Ford Motor Company	3.250	02-12-32	118,000	89,45
Ford Motor Credit Company LLC	2.900	02-16-28	285,000	238,10
Ford Motor Credit Company LLC	4.000	11-13-30	200,000	166,69
Ford Motor Credit Company LLC	4.125	08-17-27	440,000	392,02
Ford Motor Credit Company LLC	4.134	08-04-25	1,010,000	950,76
Ford Motor Credit Company LLC	5.113	05-03-29	500,000	457,05
Diversified consumer services 1.4%				
GEMS MENASA Cayman, Ltd. (A)	7.125	07-31-26	200,000	195,43
Service Corp. International	4.000	05-15-31	348,000	293,99
Sotheby's (A)	7.375	10-15-27	100,000	94,33

	Rate (%)	Maturity date	Par value^	Value
Consumer discretionary (continued)				
Hotels, restaurants and leisure 7.8%				
Affinity Interactive (A)	6.875	12-15-27	112,000	\$99,898
Caesars Entertainment, Inc. (A)	7.000	02-15-30	110,000	110,825
CCM Merger, Inc. (A)	6.375	05-01-26	75,000	71,973
Full House Resorts, Inc. (A)	8.250	02-15-28	113,000	108,472
Hilton Grand Vacations Borrower Escrow LLC (A)	4.875	07-01-31	200,000	168,140
Hilton Grand Vacations Borrower Escrow LLC (A)	5.000	06-01-29	249,000	218,533
Jacobs Entertainment, Inc. (A)	6.750	02-15-29	74,000	67,357
MGM Resorts International	4.750	10-15-28	441,000	395,319
Midwest Gaming Borrower LLC (A)	4.875	05-01-29	191,000	163,349
Mohegan Tribal Gaming Authority (A)	8.000	02-01-26	330,000	309,134
New Red Finance, Inc. (A)	4.000	10-15-30	539,000	445,171
Premier Entertainment Sub LLC (A)	5.625	09-01-29	120,000	88,200
Resorts World Las Vegas LLC (A)	4.625	04-16-29	200,000	158,050
Resorts World Las Vegas LLC (A)	4.625	04-06-31	200,000	149,166
Travel + Leisure Company (A)	4.625	03-01-30	158,000	132,830
Travel + Leisure Company	6.600	10-01-25	79,000	78,750
Wyndham Hotels & Resorts, Inc. (A)	4.375	08-15-28	126,000	114,120
Yum! Brands, Inc.	3.625	03-15-31	198,000	165,950
Yum! Brands, Inc. (A)	4.750	01-15-30	195,000	177,694
Household durables 1.1%				
Brookfield Residential Properties, Inc. (A)	5.000	06-15-29	155,000	120,900
Century Communities, Inc. (A)	3.875	08-15-29	207,000	169,223
KB Home	4.000	06-15-31	168,000	137,210
KB Home	7.250	07-15-30	30,000	29,376
Multiline retail 0.5%				
Macy's Retail Holdings LLC (A)	5.875	04-01-29	86,000	78,119
Macy's Retail Holdings LLC (A)	5.875	03-15-30	46,000	40,548
Macy's Retail Holdings LLC (A)	6.125	03-15-32	124,000	106,640
Specialty retail 2.8%				
Asbury Automotive Group, Inc. (A)	4.625	11-15-29	40,000	34,783
Asbury Automotive Group, Inc.	4.750	03-01-30	222,000	192,330
Group 1 Automotive, Inc. (A)	4.000	08-15-28	121,000	103,906
Ken Garff Automotive LLC (A)	4.875	09-15-28	75,000	64,604
Lithia Motors, Inc. (A)	3.875	06-01-29	158,000	132,015
Lithia Motors, Inc. (A)	4.375	01-15-31	84,000	69,930
Lithia Motors, Inc. (A)	4.625	12-15-27	29,000	26,331
The Michaels Companies, Inc. (A)	5.250	05-01-28	335,000	278,797
The Michaels Companies, Inc. (A)	7.875	05-01-29	313,000	235,533
Consumor stanles 2 20/				
Consumer staples 3.3%				1,353,462
Food and staples retailing 0.4% Advantage Sales & Marketing, Inc. (A)	6.500	11-15-28	204,000	155,878
Food products 1.7%	0.500	11 13 20	201,000	133,070
•	10.000	02 10 27	200.000	120.000
Coruripe Netherlands BV (A)	10.000	02-10-27	200,000	138,060
MARB BondCo PLC (A)	3.950 6.625	01-29-31 08-06-29	467,000 263,000	333,905
NBM US Holdings, Inc. (A)	6.625	00-00-29	203,000	240,886
Household products 0.5%				
Edgewell Personal Care Company (A)	4.125	04-01-29	70,000	59,698
Edgewell Personal Care Company (A)	5.500	06-01-28	156,000	145,674
Personal products 0.7%				
Natura Cosmeticos SA (A)	4.125	05-03-28	200,000	155,361
Oriflame Investment Holding PLC (A)	5.125	05-04-26	200,000	124,000

Energy 10.6%	Rate (%)	Maturity date	Par value^	Value \$4,388,700
Energy equipment and services 0.9%				+ 1,000,100
CSI Compressco LP (A)	7.500	04-01-25	288,000	265,686
CSI Compressco LP (A)	7.500	04-01-25	27,000	24,908
CSI Compressco LP (10.000% Cash or 7.250% Cash and 3.500% PIK) (A)	10.000	04-01-26	89,978	76,931
Oil, gas and consumable fuels 9.7%			,.	.,
Altera Infrastructure LP (A)(B)	8.500	07-15-23	72,000	1,800
Antero Midstream Partners LP (A)	5.375	06-15-29	322,000	289,800
Antero Resources Corp. (A)	5.375	03-01-30	63,000	57,362
Ascent Resources Utica Holdings LLC (A)	5.875	06-30-29	401,000	348,870
CNX Resources Corp. (A)	7.375	01-15-31	36,000	34,297
DCP Midstream Operating LP (5.850% to 5-21-23, then 3 month LIBOR +	7.575	0.155.	20,000	3.,23,
3.850%) (A)	5.850	05-21-43	129,000	127,658
Energean Israel Finance, Ltd. (A)	5.375	03-30-28	70,000	62,870
Energean Israel Finance, Ltd. (A)	5.875	03-30-31	274,000	238,540
Energy Transfer LP (6.500% to 11-15-26, then 5 Year CMT + 5.694%) (C)	6.500	11-15-26	550,000	506,945
EQM Midstream Partners LP (A)	7.500	06-01-27	50,000	49,000
EQM Midstream Partners LP (A)	7.500	06-01-30	40,000	38,109
Hess Midstream Operations LP (A)	4.250	02-15-30	60,000	50,663
Hess Midstream Operations LP (A)	5.500	10-15-30	19,000	17,100
Inversiones Latin America Power, Ltda. (A)	5.125	06-15-33	193,726	87,164
Leviathan Bond, Ltd. (A)	6.500	06-30-27	442,000	419,374
Leviathan Bond, Ltd. (A)	6.750	06-30-30	38,000	35,461
MC Brazil Downstream Trading SARL (A)	7.250	06-30-31	386,231	316,742
Occidental Petroleum Corp.	6.450	09-15-36	208,000	209,040
Occidental Petroleum Corp.	6.600	03-15-46	172,000	175,032
Parkland Corp. (A)	4.500	10-01-29	166,000	139,440
Parkland Corp. (A)	4.625	05-01-30	137,000	114,053
Petroleos Mexicanos	8.750	06-02-29	149,000	140,007
Southwestern Energy Company	4.750	02-01-32	99,000	85,074
Sunoco LP	4.500	05-15-29	70,000	61,433
Sunoco LP	4.500	04-30-30	227,000	196,696
Venture Global Calcasieu Pass LLC (A)	3.875	08-15-29	82,000	70,725
Venture Global Calcasieu Pass LLC (A)	4.125	08-15-31	172,000	147,920
			,	
Financials 9.4% Banks 6.0%				3,866,147
Barclays PLC (4.375% to 3-15-28, then 5 Year CMT + 3.410%) (C)	4.375	03-15-28	400,000	314,148
Barclays PLC (8.000% to 3-15-29, then 5 Year CMT + 5.431%) (C)	8.000	03-15-29	200,000	196,040
Citigroup, Inc. (4.700% to 1-30-25, then SOFR + 3.234%) (C)	4.700	01-30-25	431,000	393,288
Citigroup, Inc. (4.700 % to 1-30-23, then 30 M + 3.234 %) (c) Citigroup, Inc. (6.250% to 8-15-26, then 3 month LIBOR + 4.517%) (C)	6.250	08-15-26	462,000	460,286
Fifth Third Bancorp (5.100% to 6-13-20, then 3 month LIBOR + 3.033%) (C)	5.100	06-30-23	398,000	387,855
Freedom Mortgage Corp. (A)	8.125	11-15-24	225,000	216,000
ING Groep NV (6.500% to 4-16-25, then 5 Year U.S. Swap Rate + 4.446%) (C)	6.500	04-16-25	200,000	191,520
Intesa Sanpaolo SpA (4.198% to 6-1-31, then 1 Year CMT + 2.600%) (A)	4.198	06-01-32	200,000	150,690
Societe Generale SA (5.375% to 11-18-30, then 5 Year CMT + 4.514%) (A)(C)	5.375	11-18-30	200,000	164,840
, , , , , , , , , , , , , , , , , , , ,	ر ۱.۵۱	11-10-30	200,000	104,040
Capital markets 1.1%	2.250	00.45.33	262.000	205 ***
MSCI, Inc. (A)	3.250	08-15-33	362,000	285,448
MSCI, Inc. (A)	3.625	11-01-31	173,000	144,671
Consumer finance 1.1%				
Enova International, Inc. (A)	8.500	09-01-24	30,000	29,639
Enova International, Inc. (A)	8.500	09-15-25	362,000	347,445
OneMain Finance Corp.	6.875	03-15-25	81,000	79,075
Insurance 0.3%				
Liberty Mutual Group, Inc. (4.125% to 9-15-26, then 5 Year CMT + 3.315%) (A)	4.125	12-15-51	155,000	129,312

	Rate (%)	Maturity date	Par value^	Value
Financials (continued)				
Thrifts and mortgage finance 0.9%	F 42F	12.15.20	265.000	¢205.241
Nationstar Mortgage Holdings, Inc. (A)	5.125	12-15-30	265,000	\$205,317
Nationstar Mortgage Holdings, Inc. (A)	5.500	08-15-28	125,000	106,17
Nationstar Mortgage Holdings, Inc. (A)	6.000	01-15-27	70,000	64,400
Health care 3.2%				1,321,45
Health care equipment and supplies 0.2%				
Varex Imaging Corp. (A)	7.875	10-15-27	101,000	98,98
Health care providers and services 2.5%				
AdaptHealth LLC (A)	5.125	03-01-30	177,000	153,10
DaVita, Inc. (A)	3.750	02-15-31	452,000	341,30
DaVita, Inc. (A)	4.625	06-01-30	287,000	236,53
Encompass Health Corp.	4.500	02-01-28	252,000	231,35
Encompass Health Corp.	4.625	04-01-31	73,000	62,41
Pharmaceuticals 0.5%				
Organon & Company (A)	5.125	04-30-31	233,000	197,75
Industrials 17.5%				7,231,290
Aerospace and defense 0.7%				, , , ,
TransDigm, Inc.	5.500	11-15-27	322,000	296,49
Air freight and logistics 0.3%				
Simpar Europe SA (A)	5.200	01-26-31	200,000	139,750
	3.200	01 20 31	200,000	155,75
Air Canada 2000 1 Class C Pass Through Truch (A)	10.500	07.15.26	71.000	75.61
Air Canada 2020-1 Class C Pass Through Trust (A) American Airlines 2015-1 Class A Pass Through Trust	10.500 3.375	07-15-26 05-01-27	71,000	75,61 708,67
9			817,919	
American Airlines 2015-1 Class B Pass Through Trust	3.700	05-01-23	67,028	66,23
American Airlines 2016-1 Class A Pass Through Trust	4.100	01-15-28	289,364	259,72
American Airlines 2016-3 Class A Pass Through Trust	3.250 3.500	10-15-28	41,842	36,00
American Airlines 2019-1 Class A Pass Through Trust		02-15-32	524,978	437,04
American Airlines 2019-1 Class B Pass Through Trust	3.850	02-15-28	97,183	87,31
American Airlines 2021-1 Class B Pass Through Trust	3.950	07-11-30	189,090	165,21
Delta Air Lines, Inc.	4.375	04-19-28	341,000	311,19
United Airlines 2016-1 Class B Pass Through Trust	3.650	01-07-26	314,468	290,12
United Airlines, Inc. (A)	4.375	04-15-26	194,000	182,58
United Airlines, Inc. (A)	4.625	04-15-29	55,000	48,75
US Airways 2010-1 Class A Pass Through Trust	6.250	04-22-23	4,379	4,34
US Airways 2011-1 Class A Pass Through Trust	7.125	10-22-23	64,119	63,80
US Airways 2012-2 Class A Pass Through Trust	4.625	06-03-25	283,379	272,19
Building products 1.1%	4.250	02.04.22	204.000	252.60
Builders FirstSource, Inc. (A)	4.250	02-01-32	301,000	252,69
Builders FirstSource, Inc. (A)	5.000	03-01-30	35,000	31,52
Builders FirstSource, Inc. (A)	6.375	06-15-32	185,000	177,67
Commercial services and supplies 2.1%				
Albion Financing 1 SARL (A)	6.125	10-15-26	200,000	178,84
Allied Universal Holdco LLC (A)	6.000	06-01-29	200,000	148,99
APX Group, Inc. (A)	5.750	07-15-29	142,000	118,97
Graphic Packaging International LLC (A)	3.500	03-01-29	218,000	187,31
Prime Security Services Borrower LLC (A)	3.375	08-31-27	44,000	38,05
Prime Security Services Borrower LLC (A)	6.250	01-15-28	195,000	180,88
Construction and engineering 1.0%				
Global Infrastructure Solutions, Inc. (A)	5.625	06-01-29	272,000	226,98
Tutor Perini Corp. (A)	6.875	05-01-25	199,000	166,33

QUARTERLY REPORT | JOHN HANCOCK MANAGED ACCOUNT SHARES 11

Industrials (continued)	Rate (%)	Maturity date	Par value^	Value
Industrials (continued) Machinery 0.3%				
Hillenbrand, Inc.	3.750	03-01-31	70,000	\$57,266
JB Poindexter & Company, Inc. (A)	7.125	04-15-26	79,000	76,135
Professional services 0.2%	7.123	011320	75,000	70,13.
TriNet Group, Inc. (A)	3.500	03-01-29	114,000	95,190
	3.300	03-01-29	114,000	93,190
Road and rail 2.3%				
Uber Technologies, Inc. (A)	4.500	08-15-29	425,000	375,73
Uber Technologies, Inc. (A)	7.500	05-15-25	170,000	171,72
Uber Technologies, Inc. (A)	7.500	09-15-27	390,000	395,42
Trading companies and distributors 2.2%				
Beacon Roofing Supply, Inc. (A)	4.125	05-15-29	208,000	178,10
BlueLinx Holdings, Inc. (A)	6.000	11-15-29	234,000	199,83
United Rentals North America, Inc.	3.875	11-15-27	265,000	244,46
United Rentals North America, Inc.	4.875	01-15-28	298,000	284,05
Information technology 1.7%				698,52
IT services 1.3%				
Block, Inc.	3.500	06-01-31	90,000	72,71
Gartner, Inc. (A)	4.500	07-01-28	302,000	277,24
Sabre GLBL, Inc. (A)	7.375	09-01-25	213,000	199,37
Software 0.4%				
Consensus Cloud Solutions, Inc. (A)	6.500	10-15-28	171,000	149,19
Materials 8.6%				3,574,05
Chemicals 1.3%				
Braskem Idesa SAPI (A)	6.990	02-20-32	200,000	139,24
Sasol Financing USA LLC	5.500	03-18-31	174,000	145,07
Trinseo Materials Operating SCA (A)	5.125	04-01-29	102,000	67,92
Valvoline, Inc. (A)	3.625	06-15-31	251,000	202,13
Construction materials 2.1%				
Cemex SAB de CV (A)	3.875	07-11-31	385,000	309,92
Cemex SAB de CV (A)	5.200	09-17-30	200,000	182,80
Standard Industries, Inc. (A)	3.375	01-15-31	276,000	211,76
Standard Industries, Inc. (A)	4.375	07-15-30	147,000	122,37
Standard Industries, Inc. (A)	5.000	02-15-27	37,000	34,18
	5.000	02 13 27	31,000	34,10
Containers and packaging 2.1%	7.075	00.15.36	126.000	120 70
Mauser Packaging Solutions Holding Company (A)	7.875	08-15-26	126,000	126,78
Owens-Brockway Glass Container, Inc. (A)	6.625	05-13-27	110,000	106,97
Pactiv Evergreen Group Issuer LLC (A)	4.375	10-15-28	280,000	240,18
Pactiv Evergreen Group Issuer, Inc. (A)	4.000	10-15-27	444,000	387,32
Metals and mining 3.1%				
Arconic Corp. (A)	6.125	02-15-28	141,000	138,53
First Quantum Minerals, Ltd. (A)	6.875	03-01-26	200,000	190,81
First Quantum Minerals, Ltd. (A)	6.875	10-15-27	400,000	375,28
First Quantum Minerals, Ltd. (A)	7.500	04-01-25	200,000	194,00
Hudbay Minerals, Inc. (A)	4.500	04-01-26	62,000	55,66
JW Aluminum Continuous Cast Company (A)	10.250	06-01-26	15,000	15,07
Novelis Corp. (A)	4.750	01-30-30	338,000	296,93
Volcan Cia Minera SAA (A)	4.375	02-11-26	39,000	31,05
Real estate 1.7%				704,014
Equity real estate investment trusts 1.7%	F 000	07.45.33	44.000	22.61
Iron Mountain Information Management Services, Inc. (A)	5.000	07-15-32	41,000	33,81

Deal action (australia)	Rate (%)	Maturity date	Par value^	Value
Real estate (continued) Equity real estate investment trusts (continued)				
Iron Mountain, Inc. (A)	4.875	09-15-29	138,000	\$120,127
Iron Mountain, Inc. (A)	5.250	07-15-30	208,000	181,364
RHP Hotel Properties LP (A)	4.500	02-15-29	349,000	303,788
XHR LP (A)	4.875	06-01-29	76,000	64,92
Utilities 3.5%				
Electric utilities 1.9%				1,441,758
FirstEnergy Corp.	2.650	03-01-30	236,000	195,705
FirstEnergy Corp.	3.400	03-01-50	67,000	45,27
NRG Energy, Inc. (A)	3.375	02-15-29	38,000	30,854
NRG Energy, Inc. (A)	3.625	02-15-31	170,000	131,814
NRG Energy, Inc. (A)	3.875	02-15-32	477,000	369,93
Gas utilities 0.7%	3.073	02 13 32	477,000	303,33.
AmeriGas Partners LP	5.500	05-20-25	309,000	293,722
	5.500	05-20-25	309,000	293,722
Independent power and renewable electricity producers 0.9%	4 125	07.01.25	150,000	140.41
DPL, Inc.	4.125	07-01-25	158,000	148,41
NextEra Energy Operating Partners LP (A)	3.875	10-15-26	193,000	174,66
NextEra Energy Operating Partners LP (A)	4.500	09-15-27	56,000	51,380
Term loans (D) 0.5%				\$225,26
(Cost \$206,231)				
Industrials 0.4%				191,89
Professional services 0.4%				
CoreLogic, Inc., Term Loan (1 month LIBOR + 3.500%)	8.188	06-02-28	224,501	191,89
Information technology 0.0%				5(
Software 0.0%				
Quest Software, Inc., 2022 Term Loan (3 month SOFR + 4.250%)	9.076	02-01-29	65	5
Materials 0.1%				33,32
				33,32
Containers and packaging 0.1%	8.893	04-13-29	22 020	22.22
Clydesdale Acquisition Holdings, Inc., Term Loan B (1 month SOFR + 4.175%)	0.093	04-15-29	33,830	33,32
Asset backed securities 0.1% (Cost \$38,000)				\$29,52
Asset backed securities 0.1%				29,52
Diamond Infrastructure Funding LLC Series 2021-1A, Class C (A)	3.475	04-15-49	38,000	29,52
			Shares	Valu
Common stocks 0.3%			27101 03	\$132,19
(Cost \$240,109)				\$152,15t
Utilities 0.3%				132,198
Multi-utilities 0.3%				
Algonquin Power & Utilities Corp.			4,850	132,198
Preferred securities 0.2%			.,555	\$70,604
(Cost \$91,274)				ψ7 0,00
Communication services 0.2%				70,604
Wireless telecommunication services 0.2%				
Telephone & Data Systems, Inc., 6.625%			3,800	70,60

QUARTERLY REPORT | JOHN HANCOCK MANAGED ACCOUNT SHARES 13

	Par value^	Value
Escrow certificates 0.0%		\$156
(Cost \$0)		
LSC Communications, Inc. (A)(E)(F)	80,000	156
Total investments (Cost \$43,701,476) 97.7%		\$40,407,590
Other assets and liabilities, net 2.3%		963,895
Total net assets 100.0%		\$41,371,485

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the portfolio.

Security Abbreviations and Legend

- CMT Constant Maturity Treasury
- LIBOR London Interbank Offered Rate
- PIK Pay-in-Kind Security Represents a payment-in-kind which may pay interest in additional par and/or cash. Rates shown are the current rate and most recent payment rate.
- SOFR Secured Overnight Financing Rate
- (A) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$26,150,900 or 63.2% of the portfolio's net assets as of 2-28-23.
- (B) Non-income producing Issuer is in default.
- (C) Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
- (D) Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
- (E) Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy.
- (F) Non-income producing security.

The portfolio had the following country composition as a percentage of net assets on 2-28-23:

United States	77.9%
Canada	4.5%
Mexico	3.5%
United Kingdom	3.2%
Luxembourg	2.6%
Brazil	2.0%
Israel	1.8%
Other countries	4.5%
TOTAL	100.0%

MANAGED ACCOUNT SHARES NON-INVESTMENT-GRADE MUNICIPAL BOND PORTFOLIO

As of 2-28-23 (unaudited)	Rate (%)	Maturity date	Par value^	Value
Municipal bonds 68.2%				\$13,408,426
(Cost \$13,738,608)				
Alaska 1.1%				218,443
Northern Tobacco Securitization Corp. Alaska Tobacco Settlement, Senior Class 1, Series A	4.000	06-01-50	250,000	218,443
Arizona 2.9%				568,113
Glendale Industrial Development Authority Royal Oaks Life Care Community	5.000	05-15-39	345,000	320,335
Maricopa County Industrial Development Authority Commercial Metals Company Project, AMT (A)	4.000	10-15-47	300,000	247,778
Arkansas 1.4%				265,651
Arkansas Development Finance Authority Big River Steel Project, AMT (A)	4.500	09-01-49	300,000	265,651
California 6.4%				1,266,069
California Community Choice Financing Authority Clean Energy Project, Series C	5.250	01-01-54	250,000	260,148
California Pollution Control Financing Authority Poseidon Resources LP Desalination Project, AMT (A)	5.000	07-01-36	250,000	261,045

[^]All par values are denominated in U.S. dollars unless otherwise indicated.

- H5 - 1 / 1 - D	Rate (%)	Maturity date	Par value^	Value
California (continued)				
California Statewide Communities Development Authority Loma Linda University Medical Center	5.250	12-01-44	250,000	\$243,012
CSCDA Community Improvement Authority Orange City Portfolio, Series A-2 (A)	3.000	03-01-57	300,000	200,203
CSCDA Community Improvement Authority Parallel Apartments Anaheim, Series A (A)	4.000	08-01-56	250,000	202,677
Golden State Tobacco Securitization Corp. Series B-2 (B)	5.411	06-01-66	1,000,000	98,984
Connecticut 1.5%				295,261
Harbor Point Infrastructure Improvement District Harbor Point Project (A)	5.000	04-01-39	300,000	295,261
Delaware 1.1%				225,362
Delaware State Economic Development Authority NRG Energy Project, Series A	1.250	10-01-45	250,000	225,362
Florida 7.9%				1,559,676
Charlotte County Industrial Development Authority Town and Country Utilities Project, AMT (A)	5.000	10-01-49	260,000	243,952
County of Lake Imagine South Lake Charter School Project, Series A (A)	5.000	01-15-54	235,000	206,294
Escambia County Health Facilities Authority Baptist Health Care Corp., Series A	4.000	08-15-45	300,000	270,372
Florida Development Finance Corp. Waste Pro USA, Inc. Project, AMT	3.000	06-01-32	250,000	189,150
Palm Beach County Health Facilities Authority Toby & Leon Cooperman Sinai Residences	5.000	06-01-55	250,000	218,336
Shingle Creek at Bronson Community Development District Florida Special Assessment	3.100	06-15-31	250,000	218,840
St. Johns County Industrial Development Authority Vicar's Landing Project, Series A	4.000	12-15-50	300,000	212,732
Georgia 1.0%				204,004
Development Authority of Burke County Georgia Power Company Vogtle Project, Fifth Series 1995	2.200	10-01-32	250,000	204,004
Illinois 5.9%				1,160,202
Chicago Board of Education Series H, GO	5.000	12-01-46	250,000	239,254
City of Chicago Chicago Works, Series A, GO	5.500	01-01-43	200,000	207,254
Illinois Finance Authority DePaul College Prep Foundation, Series A (A)	5.250	08-01-38	250,000	244,818
State of Illinois, GO	4.500	11-01-39	250,000	243,996
Village of Lincolnwood District 1860 Development Project, Series A (A)	4.820	01-01-41	250,000	224,880
Indiana 0.7%				139,248
Indiana Finance Authority Polyflow Industry Project, AMT (A)	7.000	03-01-39	185,000	139,248
Kansas 1.3%				253,389
Wyandotte County-Kansas City Unified Government Legends Apartments Garage & West Lawn Project	4.500	06-01-40	280,000	253,389
Kentucky 1.2%				237,433
City of Henderson Pratt Paper LLC Project, Series B, AMT (A)	4.450	01-01-42	250,000	237,433
	UC F. F	010172	230,000	231,43

Louisiana 1.2%	Rate (%)	Maturity date	Par value^	Value \$236,645
Louisiana Local Government Environmental Facilities & Community Development				
Authority Downsville Community Charter School Project (A)	6.375	06-15-53	240,000	236,645
Maryland 0.7%				135,716
Maryland Health & Higher Educational Facilities Authority Adventist Healthcare, Series B	5.000	01-01-32	130,000	135,716
Massachusetts 2.4%				466,882
Massachusetts Development Finance Agency Boston Medical Center, Series G	4.375	07-01-52	230,000	214,551
Massachusetts Development Finance Agency Newbridge Charles, Inc. (A)	5.000	10-01-37	250,000	252,331
Michigan 1.6%				317,680
City of Detroit, GO	5.500	04-01-32	300,000	317,680
Montana 1.0%				200,528
Montana Facility Finance Authority Montana Children's Home and Hospital	4.000	07-01-50	250,000	200,528
New Hampshire 1.0%				191,681
New Hampshire Business Finance Authority Covanta Resources Recovery, Series B, AMT (A)	3.750	07-01-45	250,000	191,681
New Jersey 1.3%				251,078
Passaic County Improvement Authority Paterson Arts & Science Charter School (C)	5.375	07-01-53	250,000	251,078
New York 3.2%				624,678
New York Transportation Development Corp.	F 000	12.01.24	275 000	201.000
John F. Kennedy International Airport Project, Terminal 4, AMT New York Transportation Development Corp. Laguardia Airport Terminal B, AMT	5.000 4.000	12-01-24 07-01-33	375,000 250,000	381,966 242,712
Ohio 3.2%	11000	0, 0, 55	230,000	627,124
Buckeye Tobacco Settlement Financing Authority				027,124
Series A-2, Class 1	3.000	06-01-48	250,000	180,448
Buckeye Tobacco Settlement Financing Authority Series B-2, Class 2	5.000	06-01-55	250,000	227,016
Ohio Air Quality Development Authority Ohio Valley Electric Corp. Project, Series B, AMT	2.600	06-01-41	250,000	219,660
Oklahoma 1.0%				197,545
Oklahoma Development Finance Authority OU Medicine Project, Series B	5.000	08-15-25	200,000	197,545
Oregon 1.1%				221,754
Hospital Facilities Authority of Multnomah County Mirabella South Waterfront	5.400	10-01-44	250,000	221,754
Puerto Rico 4.2%				815,629
Puerto Rico Commonwealth CW Guarantee Bond Claims, GO	0.000	11-01-43	237,064	101,938
Puerto Rico Commonwealth Series A-1, GO	4.000	07-01-35	250,000	218,359
Puerto Rico Sales Tax Financing Corp. Sales Tax Revenue, Series A-1	4.750	07-01-53	250,000	223,471
Puerto Rico Sales Tax Financing Corp. Sales Tax Revenue, Series A-2	4.329	07-01-40	300,000	271,861
Texas 8.7%				1,706,173
Arlington Higher Education Finance Corp. Wayside Schools, Series A	5.000	08-15-25	205,000	203,690

	Rate (%)	Maturity date	Par value^	Value
Texas (continued)		•		
Brazoria County Industrial Development Corp. Aleon Renewable Metals LLC, AMT (A)	10.000	06-01-42	100,000	\$98,698
City of Houston Airport System Revenue United Airlines, Inc. Terminal Project, AMT	4.000	07-15-41	250,000	214,696
Decatur Hospital Authority Wise Health System	5.000	09-01-31	200,000	195,979
Love Field Airport Modernization Corp. Southwest Airlines Company Project, AMT	5.000	11-01-28	300,000	300,413
San Antonio Education Facilities Corp. Hallmark University Project, Series A	5.000	10-01-51	250,000	202,390
Texas Private Activity Bond Surface Transportation Corp. Segment 3C Project, AMT	5.000	06-30-58	250,000	244,705
Texas Transportation Commission State Highway 249 System State Highway Toll, First Tier	5.000	08-01-57	250,000	245,602
Vermont 0.9%				180,375
Vermont Economic Development Authority Wake Robin Corp. Project, Series A	4.000	05-01-45	250,000	180,375
Virgin Islands 1.8%				360,886
Matching Fund Special Purpose Securitization Corp. Series A	5.000	10-01-30	350,000	360,886
Virginia 1.4%				272,533
Virginia Small Business Financing Authority 95 Express Lanes LLC Project, AMT	4.000	01-01-39	300,000	272,533
Wisconsin 1.1%				208,668
Public Finance Authority College Achieve Paterson Charter School (A)	4.000	06-15-42	260,000	208,668
Total investments (Cost \$13,738,608) 68.2%				\$13,408,426
Other assets and liabilities, net 31.8%				6,246,478
Total net assets 100.0%				\$19,654,904

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the fund.

Security Abbreviations and Legend

AMT Interest earned from these securities may be considered a tax preference item for purpose of the Federal Alternative Minimum Tax.

- GO General Obligation
- (A) These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$3,757,263 or 19.1% of the fund's net assets as of 2-28-23.
- (B) Zero coupon bonds are issued at a discount from their principal amount in lieu of paying interest periodically. Rate shown is the effective yield at period end.
- (C) Security purchased or sold on a when-issued or delayed delivery basis.

The fund had the following sector composition as a percentage of net assets on 2-28-23:

General obligation bonds	6.7%
Revenue bonds	61.5%
Health care	14.6%
Development	12.9%
Other revenue	8.5%
Education	7.9%
Transportation	3.9%
Tobacco	3.7%
Airport	3.2%
Water and sewer	2.6%
Utilities	2.2%
Housing	2.0%

[^]All par values are denominated in U.S. dollars unless otherwise indicated.

Other assets and liabilities, net 31.8% TOTAL 100.0%

MANAGED ACCOUNT SHARES SECURITIZED DEBT PORTFOLIO

	Rate (%)	Maturity date	Par value^	Valu
Collateralized mortgage obligations 45.8%				\$44,285,93
(Cost \$45,650,752)				
Commercial and residential 37.2%				35,990,67
Angel Oak Mortgage Trust LLC Series 2020-R1, Class A1 (A)(B)	0.990	04-25-53	194,852	179,34
Series 2021-2, Class A1 (A)(B)	0.985	04-25-66	365,948	304,17
Series 2021-4, Class A1 (A)(B)	1.035	01-20-65	747,763	595,58
Series 2021-5, Class A1 (A)(B)	0.951	07-25-66	289,713	236,29
Arroyo Mortgage Trust Series 2019-3, Class A1 (A)(B)	2.962	10-25-48	82,277	75,32
Series 2021-1R, Class A1 (A)(B)	1.175	10-25-48	178,159	148,13
BAMLL Commercial Mortgage Securities Trust Series 2015-200P, Class A (A)	3.218	04-14-33	260,000	242,24
BBCMS Mortgage Trust Series 2020-C6, Class A2	2.690	02-15-53	267,000	252,00
BBCMS Trust Series 2015-SRCH, Class D (A)(B)	4.957	08-10-35	100,000	86,06
Benchmark Mortgage Trust Series 2019-B12, Class A2	3.001	08-15-52	369,965	355,60
BOCA Commercial Mortgage Trust Series 2022-BOCA, Class A (1 month CME Term SOFR + 1.770%) (A)(C)	6.332	05-15-39	703,000	699,70
Series 2022-BOCA, Class B (1 month CME Term SOFR + 2.319%) (A)(C)	6.882	05-15-39	100,000	98,24
3PR Trust Series 2022-OANA, Class A (1 month CME Term SOFR + 1.898%) (A)(C)	6.460	04-15-37	1.061.000	1,041,75
RAVO Residential Funding Trust Series 2021-NOM1, Class A1 (A)(B)	0.941	02-25-49	238,180	208,35
3X Commercial Mortgage Trust Series 2020-VKNG, Class A (1 month CME Term SOFR + 1.044%) (A)(C)	5.607	10-15-37	282,664	279,65
Series 2021-ACNT, Class A (1 month LIBOR + 0.850%) (A)(C)	5.438	11-15-38	765,000	752,06
Series 2021-CIP, Class A (1 month LIBOR + 0.921%) (A)(C)	5.509	12-15-38	1,176,000	1,155,37
Series 2021-VOLT, Class C (1 month LIBOR + 1.100%) (A)(C)	5.688	09-15-36	617,000	595,35
Series 2022-AHP, Class A (1 month CME Term SOFR + 0.990%) (A)(C)	5.552	01-17-39	663,000	651,18
3X Trust Series 2021-MFM1, Class D (1 month CME Term SOFR + 1.614%) (A)(C)	6.176	01-15-34	122,073	118,40
Series 2022-CLS, Class A (A)	5.760	10-13-27	508,000	493,74
3XHPP Trust Series 2021-FILM, Class C (1 month LIBOR + 1.100%) (A)(C)	5.688	08-15-36	1,409,000	1,323,43
CAMB Commercial Mortgage Trust Series 2019-LIFE, Class D (1 month LIBOR + 1.750%) (A)(C)	6.338	12-15-37	235,000	230,87
Cantor Commercial Real Estate Lending Series 2019-CF1, Class A2	3.623	05-15-52	326,000	317,01
CFK Trust Series 2020-MF2, Class A (A)	2.387	03-15-39	130,000	112,73
Citigroup Commercial Mortgage Trust Series 2016-GC36, Class A5	3.616	02-10-49	475,000	446,16
Series 2016-P4, Class A2	2.450	07-10-49	734,602	692,35
Series 2019-PRM, Class A (A)	3.341	05-10-36	315,000	310,14
Series 2019-SMRT, Class A (A)	4.149	01-10-36	275,000	269,76
Series 2020-GC46, Class A2	2.708	02-15-53	405,000	381,46
Series 2021-PRM2, Class A (1 month LIBOR + 0.950%) (A)(C)	5.538	10-15-38	215,000	210,69
OLT Mortgage Loan Trust Series 2020-2, Class A1 (A)(B)	1.853	03-25-65	4,680	4,60
Series 2021-2, Class A1 (A)(B)	0.924	08-25-66	141,903	112,22
Series 2021-3, Class A1 (A)(B)	0.956	09-27-66	832,592	655,66
Series 2021-HX1, Class A1 (A)(B)	1.110	10-25-66	149,970	121,06

Commercial and residential (continued)	Rate (%)	Maturity date	Par value^	Valu
Series 2022-2, Class A1 (2.994% to 2-1-26, then 3.994% thereafter) (A)	2.994	02-25-67	196,320	\$174,77
COLT Mortgage Pass-Through Trust Series 2021-1R, Class A1 (A)(B)	0.857	05-25-65	26,119	21,77
COLT Trust Series 2020-RPL1, Class A1 (A)(B)	1.390	01-25-65	527,951	450,05
Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG) Series 2015-CR25, Class A4	3.759	08-10-48	475,000	453,62
Series 2020-CX, Class D (A)(B)	2.683	11-10-46	370,000	272,97
Credit Suisse Mortgage Capital Certificates Series 2019-ICE4, Class B (1 month LIBOR + 1.230%) (A)(C)	5.818	05-15-36	224,442	222,46
Series 2019-ICE4, Class D (1 month LIBOR + 1.600%) (A)(C)	6.188	05-15-36	523,697	517,76
Series 2020-NET, Class A (A)	2.257	08-15-37	519,934	467,13
Series 2021-AFC1, Class A1 (A)(B)	0.830	03-25-56	423,048	336,15
Series 2021-NQM2, Class A1 (A)(B)	1.179	02-25-66	86,303	72,44
Series 2021-NQM5, Class A1 (A)(B)	0.938	05-25-66	73,517	57,45
Series 2021-NQM6, Class A1 (A)(B)	1.174	07-25-66	111,521	88,77
Series 2021-RPL2, Class A1A (A)(B)	1.115	01-25-60	457,284	374,90
DBJPM Mortgage Trust Series 2020-C9, Class A2	1.900	08-15-53	685,000	628,57
Deephaven Residential Mortgage Trust				
Series 2021-2, Class A1 (A)(B) Ellington Financial Mortgage Trust	0.899	04-25-66	490,191	414,91
Series 2019-2, Class A1 (A)(B)	2.739	11-25-59	37,658	34,83
Series 2021-1, Class A1 (A)(B)	0.797	02-25-66	351,387	285,7
Series 2021-2, Class A1 (A)(B)	0.931	06-25-66	162,365	130,4
Flagstar Mortgage Trust Series 2021-1, Class A2 (A)(B)	2.500	02-01-51	555,545	448,2
GCAT Trust Series 2020-3, Class A1 (2.981% to 9-25-23, then 5.981% to 9-25-24, then	2.981	00.25.25	72 746	70.20
6.981% thereafter) (A)	1.555	09-25-25 04-25-65	72,746 180,270	70,30 162,4
Series 2020-NQM2, Class A1 (1.555% to 7-1-24, then 2.555% thereafter) (A)	0.874	01-25-66		
Series 2021-NQM1, Class A1 (A)(B)	1.036	05-25-66	225,215	187,8
Series 2021-NQM2, Class A1 (A)(B)			422,951	341,80
Series 2021-NQM3, Class A1 (A)(B) SS Mortgage Securities Trust	1.091	05-25-66	294,365	239,8
Series 2015-590M, Class C (A)(B)	3.805	10-10-35	115,000	102,3
Series 2019-GC39, Class A2	3.457	05-10-52	220,000	213,9
Series 2020-UPTN, Class A (A)	2.751	02-10-37	410,000	376,4
GS Mortgage-Backed Securities Trust Series 2020-NQM1, Class A1 (A)(B)	1.382	09-27-60	397,575	361,0
Series 2021-NQM1, Class A1 (A)(B)	1.017	07-25-61	178,324	150,0
mperial Fund Mortgage Trust	4 202	40.25.55	270 442	2.45.6
Series 2020-NQM1, Class A1 (A)(B)	1.382	10-25-55	279,412	245,69
Series 2021-NQM1, Class A1 (A)(B)	1.071	06-25-56	352,816	290,5
MT Trust Series 2017-APTS, Class AFX (A)	3.478	06-15-34	215,000	205,8
nTown Mortgage Trust Series 2022-STAY, Class A (1 month CME Term SOFR + 2.489%) (A)(C)	7.051	08-15-39	865,000	866,0
rvine Core Office Trust Series 2013-IRV, Class A2 (A)(B)	3.173	05-15-48	233,000	225,2
PMorgan Chase Commercial Mortgage Securities Trust Series 2022-OPO, Class A (A)	3.024	01-05-39	360,000	309,7
KNDL Mortgage Trust Series 2019-KNSQ, Class C (1 month LIBOR + 1.050%) (A)(C)	5.638	05-15-36	485,000	479,50
ife Mortgage Trust Series 2021-BMR, Class A (1 month LIBOR + 0.700%) (A)(C)	5.288	03-15-38	919,077	902,4
Series 2021-BMR, Class D (1 month LIBOR + 1.400%) (A)(C)	5.988	03-15-38	428,575	415,14
Series 2022-BMR2, Class A1 (1 month CME Term SOFR + 1.295%) (A)(C)	5.858	05-15-39	1,260,000	1,255,25

QUARTERLY REPORT | JOHN HANCOCK MANAGED ACCOUNT SHARES 19

Commonstel and residential (continue 1)	Rate (%)	Maturity date	Par value^	Value
Commercial and residential (continued) Series 2021-NQM1, Class A1 (A)(B)	1.153	04-25-65	371,072	\$328,048
MHP Trust	55	0.1.23.03	37.1707.2	4320/010
Series 2022-MHIL, Class A (1 month CME Term SOFR + 0.815%) (A)(C)	5.377	01-15-27	267,206	261,183
New Residential Mortgage Loan Trust Series 2020-1A, Class A1B (A)(B)	3.500	10-25-59	102,992	93,924
NMLT Trust Series 2021-INV1, Class A1 (A)(B)	1.185	05-25-56	605,592	499,398
OBX Trust	1 101	05.25.61	216.461	244.056
Series 2021-NQM2, Class A1 (A)(B)	1.101	05-25-61	316,461	244,958
Series 2021-NQM3, Class A1 (A)(B)	1.054	07-25-61	609,026	469,696
One Market Plaza Trust Series 2017-1MKT, Class D (A)	4.146	02-10-32	200,000	178,01
SLG Office Trust Series 2021-0VA, Class A (A)	2.585	07-15-41	465,000	375,824
Series 2021-0VA, Class A (A)	2.851	07-15-41	675,000	524,779
SMRT	2.031	07-13-41	075,000	324,113
Series 2022-MINI, Class A (1 month CME Term SOFR + 1.000%) (A)(C)	5.563	01-15-39	1,139,000	1,115,465
Starwood Mortgage Residential Trust	0.042	0E 2E 6E	E2 072	40.500
Series 2021-2, Class A1 (A)(B) Series 2022 1, Class A1 (A)(B)	0.943	05-25-65	53,872	49,599
Series 2022-1, Class A1 (A)(B) Touch Point Montages Trust	2.447	12-25-66	167,027	141,386
Towd Point Mortgage Trust Series 2015-1, Class A5 (A)(B)	3.796	10-25-53	100,000	97,069
Series 2015-6, Class M2 (A)(B)	3.750	04-25-55	100,000	92,700
Series 2017-2, Class A1 (A)(B)	2.750	04-25-57	5,311	5,249
Series 2018-1, Class A1 (A)(B)	3.000	01-25-58	20,202	19,57
Series 2018-4, Class A1 (A)(B)	3.000	06-25-58	49,195	45,255
Series 2018-5, Class A1A (A)(B)	3.250	07-25-58	199,356	191,542
Series 2018-6, Class A1 (A)(B)	3.750	03-25-58	212,594	200,985
Series 2018-6, Class A1A (A)(B)	3.750	03-25-58	41,635	40,474
Series 2019-1, Class A1 (A)(B)	3.718	03-25-58	197,124	186,908
Series 2019-4, Class A1 (A)(B)	2.900	10-25-59	617,190	573,505
Series 2020-1, Class A1 (A)(B)	2.710	01-25-60	327,419	303,052
Series 2020-4, Class A1 (A)	1.750	10-25-60	582,719	515,103
Verus Securitization Trust Series 2020-4, Class A1 (1.502% to 7-1-24, then 2.502% thereafter) (A)	1.502	05-25-65	200.254	264 501
Series 2020-5, Class A1 (1.218% to 10-1-24, then 2.218% thereafter) (A)	1.218	05-25-65	289,254 102,264	264,50
Series 2020-3, Class A1 (1.216% to 10-1-24, then 2.216% thereafter) (A)	0.815	01-25-66	355,845	92,664
Series 2021-3, Class A1 (A)(B)	1.046	06-25-66	247,596	295,403
Series 2021-4, Class A1 (A)(B)	0.938	07-25-66	757,497	601,885
Series 2021-4, Class A1 (A)(B)	1.013	09-25-66	456,585	366,063
Series 2021-R1, Class A1 (A)(B)	0.820	10-25-63	362,104	324,00
Series 2021-R2, Class A1 (A)(B)	0.918	02-25-64	177,172	155,386
Series 2022-4, Class A1 (4,474% to 4-1-26, then 5.474% thereafter) (A)	4.474	04-25-67	260,559	247,217
Series 2022 4, Class A1 (4.4) 4 to 6 4 1 25, then 3.4, 4 to thereafter, (A) Series 2020-1R, Class A1 (A)	1.312	11-25-55	72,569	65,445
Wells Fargo Commercial Mortgage Trust	1.312	11-23-33	12,303	03,44.
Series 2020-C55, Class A2	2.766	02-15-53	220,000	207,71
U.S. Government Agency 8.6%				8,295,267
Federal Home Loan Mortgage Corp. Series 2021-DNA6, Class M1 (1 month SOFR + 0.800%) (A)(C)	5.284	10-25-41	167,544	166,24
Series 2021-DNA7, Class M1 (1 month SOFR + 0.850%) (A)(C)	5.334	11-25-41	156,430	153,933
Series 2022-DNA1, Class M1A (1 month SOFR + 1.000%) (A)(C)	5.484	01-25-42	621,207	611,14
Series 2022-DNA1, Class M1A (1 month SOFR + 1.300%) (A)(C)	5.784	02-25-42	72,427	71,939
Series 2022-DNA2, Class M1B (1 month SOFR + 2.400%) (A)(C)	6.884	02-25-42	200,000	195,486
Series 2022-DNA3, Class M1A (1 month SOFR + 2.000%) (A)(C)	6.484	04-25-42	453,580	455,593
Series 2022-DNA3, Class M1B (1 month SOFR + 2.900%) (A)(C)	7.384	04-25-42	550,000	550,69
Series 2022-DNA4, Class M1A (1 month SOFR + 2.200%) (A)(C)	6.684	05-25-42	292,610	295,376

	Rate (%)	Maturity date	Par value^	Value
U.S. Government Agency (continued)				
Series 2022-DNA4, Class M1B (1 month SOFR + 3.350%) (A)(C)	7.834	05-25-42	449,000	\$456,870
Series 2022-DNA5, Class M1B (1 month SOFR + 4.500%) (A)(C)	8.984	06-25-42	570,000	597,150
Series 2022-HQA3, Class M1B (1 month SOFR + 3.550%) (A)(C)	8.034	08-25-42	350,000	356,30
Series K048, Class X1 IO	0.217	06-25-25	9,950,586	43,72
Federal National Mortgage Association Series 2022-R03, Class 1M1 (1 month SOFR + 2.100%) (A)(C)	6.584	03-25-42	441,019	442,160
Series 2022-R04, Class 1M1 (1 month SOFR + 2.000%) (A)(C)	6.484	03-25-42	252,310	253,20
Series 2022-R06, Class 1M1 (1 month SOFR + 2.750%) (A)(C)	7.234	05-25-42	213,485	217,45
Series 2022-R08, Class 1M1 (1 month SOFR + 2.550%) (A)(C)	7.034	07-25-42	154,401	155,94
Series 427, Class C20 IO	2.000	02-25-51	2,037,338	272,08
Series 427, Class C77 IO	2.500	09-25-51	967,521	143,29
Government National Mortgage Association Series 2020-108, Class IO	0.847	06-16-62	2,547,304	151,67
Series 2020-114, Class IO	0.800	09-16-62	851,751	51,89
•	0.881	06-16-62		
Series 2020-118, Class IO	0.761		5,213,683	323,10
Series 2020-120, Class IO		05-16-62	1,013,320	59,25
Series 2020-137, Class IO	0.794	09-16-62	4,055,317	230,63
Series 2020-150, Class IO	0.961	12-16-62	1,125,342	79,40
Series 2020-170, Class IO	0.833	11-16-62	519,237	33,03
Series 2020-92, Class IO	0.877	02-16-62	809,501	52,86
Series 2021-10, Class IO	0.983	05-16-63	441,860	32,08
Series 2021-11, Class IO	1.020	12-16-62	646,308	45,67
Series 2021-203, Class IO	0.869	07-16-63	5,810,149	386,75
Series 2021-220, Class IO	0.826	12-16-63	5,324,675	348,90
Series 2021-47, Class IO	0.992	03-16-61	4,716,942	323,08
Series 2022-150, Class IO	0.823	06-16-64	5,559,212	373,10
Series 2022-181, Class IO	0.715	07-16-64	2,455,638	181,39
Series 2022-57, Class IO	0.756	09-16-63	2,958,158	183,79
Asset backed securities 53.2%				\$51,413,59
(Cost \$53,332,452)				
Asset backed securities 53.2%				51,413,59
ABPCI Direct Lending Fund I, Ltd. Series 2020-1A, Class A (A)	3.199	12-20-30	586,000	537,40
Skiligned Data Centers Issuer LLC Series 2021-1A. Class A2 (A)	1.937	08-15-46	1,230,000	1,071,17
AmeriCredit Automobile Receivables Trust	1.337	00-13-40	1,230,000	1,071,17
Series 2020-1, Class C	1.590	10-20-25	150,000	145,82
AMSR Trust Series 2019-SFR1, Class A (A)	2.774	01-19-39	250,000	226,84
Series 2020-SFR2, Class A (A)	1.632	07-17-37	450,000	410,50
Series 2020-SFR4, Class A (A)	1.355	11-17-37	860,000	769,71
Series 2021-SFR1, Class B (A)(B)	2.153	06-17-38	250,000	211,54
Series 2021-SFR4, Class A (A)	2.117	12-17-38	323,000	286,32
Apex Credit CLO, Ltd. Series 2020-1A, Class A1R (3 month CME Term SOFR + 1.230%) (A)(C)	5.869	10-20-31	906,000	893,70
Applebee's Funding LLC Series 2019-1A, Class A2I (A)	4.194	06-05-49	771,210	748,53
Aqua Finance Trust Series 2021-A, Class A (A)	1.540	07-17-46	468,630	415,86
Arby's Funding LLC Series 2020-1A, Class A2 (A)	3.237	07-30-50	263,250	228,51
Avis Budget Rental Car Funding AESOP LLC Series 2019-3A, Class A (A)	2.360	03-20-26	663,000	623,68
Series 2020-1A, Class A (A)	2.330	08-20-26	600,000	557,10
Jenes 2020-1A, Class A (A)	2.330	00-20-20	000,000	J37,10

Asset backed securities (continued)	Rate (%)	Maturity date	Par value^	Value
Beacon Container Finance II LLC Series 2021-1A, Class A (A)	2.250	10-22-46	714,133	\$614,256
Benefit Street Partners CLO XX, Ltd. Series 2020-20A, Class AR (3 month LIBOR + 1.170%) (A)(C)	5.962	07-15-34	300,000	294,660
Benefit Street Partners CLO XXIII, Ltd. Series 2021-23A, Class A1 (3 month LIBOR + 1.080%) (A)(C)	5.898	04-25-34	250,000	244,686
BRE Grand Islander Timeshare Issuer LLC Series 2019-A, Class A (A)	3.280	09-26-33	406,230	383,357
Carlyle U.S. CLO, Ltd. Series 2019-2A, Class A1R (3 month LIBOR + 1.120%) (A)(C)	5.912	07-15-32	250,000	246,769
Series 2020-2A, Class A1R (3 month LIBOR + 1.140%) (A)(C)	5.958	01-25-35	250,000	245,364
CarMax Auto Owner Trust Series 2022-4, Class A3	5.340	08-16-27	637,000	638,565
CARS-DB4 LP Series 2020-1A, Class A1 (A)	2.690	02-15-50	646,957	607,566
Series 2020-1A, Class B1 (A)	4.170	02-15-50	100,000	92,928
CF Hippolyta Issuer LLC Series 2020-1, Class A1 (A)	1.690	07-15-60	1,110,083	993,951
Series 2021-1A, Class A1 (A)	1.530	03-15-61	880,398	764,593
Chase Auto Credit Linked Notes Series 2021-3, Class B (A)	0.760	02-26-29	113,247	107,360
SIFC Funding, Ltd. Series 2020-2A, Class AR (3 month LIBOR + 1.170%) (A)(C)	5.978	10-20-34	250,000	247,397
CLI Funding VI LLC Series 2020-1A, Class A (A)	2.080	09-18-45	873,459	759,854
CLI Funding VIII LLC Series 2021-1A, Class A (A)	1.640	02-18-46	845,956	726,512
Series 2022-1A, Class A (A)	2.720	01-18-47	683,124	590,45
DataBank Issuer Series 2021-1A, Class A2 (A)	2.060	02-27-51	800,000	710,487
Series 2021-2A, Class A2 (A)	2.400	10-25-51	396,000	346,83
DB Master Finance LLC Series 2017-1A, Class A2II (A)	4.030	11-20-47	394,250	366,12
Series 2021-1A, Class A2I (A)	2.045	11-20-51	362,413	316,35
Diamond Infrastructure Funding LLC Series 2021-14, Class A (A)	1.760	04-15-49	904,000	761,270
Domino's Pizza Master Issuer LLC Series 2017-1A, Class A23 (A)	4.118	07-25-47	713,450	668,244
Series 2018-1A, Class A2I (A)	4.116	07-25-48	641,525	610,69
Series 2019-1A, Class A2 (A)	3.668	10-25-49	428,740	381,10
Series 2021-1A, Class A2I (A)	2.662	04-25-51	756,525	647,82
Driven Brands Funding LLC Series 2018-1A, Class A2 (A)	4.739	04-20-48	415,290	394,383
Series 2019-2A, Class A2 (A)	3.981	10-20-49	193,500	173,88
Series 2020-2A, Class A2 (A)	3.237	01-20-51	490,000	417,02
Series 2021-1A, Class A2 (A)	2.791	10-20-51	359,450	293,084
Eaton Vance CLO, Ltd. Series 2020-2A, Class BR (3 month LIBOR + 1.700%) (A)(C)	6.492	01-15-35	250,000	245,52
Elara HGV Timeshare Issuer LLC Series 2019-A, Class A (A)	2.610	01-25-34	198,510	184,23
Series 2021-A, Class A (A)	1.360	08-27-35	86,331	76,58
Series 2021 - 1, Class A (3 month LIBOR + 1.240%) (A)(C)	6.032	04-15-33	500,000	495,54
Exeter Automobile Receivables Trust Series 2021-14, Class C	0.740	01-15-26	126,384	124,090

A control of constitution (constitution)	Rate (%)	Maturity date	Par value^	Value
Asset backed securities (continued) FirstKey Homes Trust				
Series 2020-SFR1, Class A (A)	1.339	08-17-37	124,746	\$112,611
Series 2020-SFR2, Class A (A)	1.266	10-19-37	652,206	581,758
Series 2021-SFR1, Class A (A)	1.538	08-17-38	458,478	400,503
Series 2021-SFR1, Class C (A)	1.888	08-17-38	213,000	184,791
Series 2021-SFR1, Class D (A)	2.189	08-17-38	445,000	380,497
Series 2021-SFR2, Class A (A)	1.376	09-17-38	111,736	97,355
Five Guys Funding LLC Series 2017-1A, Class A2 (A)	4.600	07-25-47	718,065	692,96
Golub Capital Partners Funding, Ltd. Series 2020-1A, Class A2 (A)	3.208	01-22-29	450,000	411,19
Series 2021-1A, Class A2 (A)	2.773	04-20-29	441,000	403,63
HalseyPoint CLO II, Ltd. Series 2020-2A, Class B (3 month LIBOR + 1.640%) (A)(C)	6.448	07-20-31	286,000	282,02
HI-FI Music IP Issuer LP Series 2022-1A, Class A2 (A)	3.939	02-01-62	243,000	220,02
Hilton Grand Vacations Trust Series 2017-AA, Class A (A)	2.660	12-26-28	208,914	206,48
Series 2018-AA, Class A (A)	3.540	02-25-32	269,656	260,38
HIN Timeshare Trust Series 2020-A, Class A (A)	1.390	10-09-39	216,683	197,71
Home Partners of America Trust Series 2019-1, Class A (A)	2.908	09-17-39	77,521	69,80
Series 2021-2, Class A (A)	1.901	12-17-26	328.738	289,80
Hotwire Funding LLC Series 2021-1, Class A2 (A)	2.311	11-20-51	147,000	127,19
Hyundai Auto Receivables Trust Series 2022-C, Class A3	5.390	06-15-27	895,000	897,67
Jack in the Box Funding LLC Series 2019-1A, Class A23 (A)	4.970	08-25-49	112,700	100,44
Series 2022-1A, Class A2I (A)	3.445	02-26-52	202,860	179,22
Laurel Road Prime Student Loan Trust Series 2019-A, Class A2FX (A)	2.730	10-25-48	140,048	135,88
Madison Park Funding XI, Ltd. Series 2013-11A, Class AR2 (3 month LIBOR + 0.900%) (A)(C)	5.715	07-23-29	237,424	235,90
Marathon CLO X, Ltd. Series 2017-10A, Class A1AR (3 month LIBOR + 1.000%) (A)(C)	5.864	11-15-29	187,181	185,50
Monroe Capital Funding, Ltd. Series 2021-1A, Class A2 (A)	2.815	04-22-31	152,000	141,31
MVW LLC Series 2022-2A, Class A (A)	6.110	10-21-41	156,890	158,78
MVW Owner Trust Series 2018-1A, Class A (A)	3.450	01-21-36	48,875	47,45
Navient Private Education Refi Loan Trust Series 2019-FA, Class A2 (A)	2.600	08-15-68	457,879	421,10
Series 2020-BA, Class A2 (A)	2.120	01-15-69	479,318	433,01
Series 2020-FA, Class A (A)	1.220	07-15-69	58,601	52,11
Series 2020-GA, Class A (A)	1.170	09-16-69	184,577	163,95
Series 2020-HA, Class A (A)	1.310	01-15-69	189,762	172,31
Series 2021-A, Class A (A)	0.840	05-15-69	586,290	508,58
Navient Student Loan Trust Series 2020-2A, Class A1A (A)	1.320	08-26-69	69,210	57,97
Neighborly Issuer LLC Series 2021-1A, Class A2 (A)	3.584	04-30-51	290,820	239,00
Series 2022-1A, Class A2 (A)	3.695	01-30-52	257,400	207,92
Neuberger Berman Loan Advisers CLO 34, Ltd. Series 2019-34A, Class BR (3 month CME Term SOFR + 1.750%) (A)(C)	6.389	01-20-35	250,000	244,74
New Economy Assets Phase 1 Sponsor LLC	1 010			
Series 2021-1, Class A1 (A)	1.910	10-20-61	997,000	853,80

A control of a control of continued	Rate (%)	Maturity date	Par value^	Value
Asset backed securities (continued)				
NYACK Park CLO, Ltd. Series 2021-1A, Class A (3 month LIBOR + 1.120%) (A)(C)	5.928	10-20-34	250,000	\$245,413
Oaktree CLO, Ltd. Series 2021-1A, Class A1 (3 month LIBOR + 1.160%) (A)(C)	5.952	07-15-34	500,000	489,995
Ocean Trails CLO X Series 2020-10A, Class AR (3 month LIBOR + 1.220%) (A)(C)	6.012	10-15-34	250,000	244,394
OCP CLO, Ltd. Series 2020-19A, Class AR (3 month LIBOR + 1.150%) (A)(C)	5.958	10-20-34	250,000	245,87
Octagon Investment Partners, Ltd. Series 2020-3A, Class AR (3 month LIBOR + 1.150%) (A)(C)	5.958	10-20-34	250,000	246,04
Oxford Finance Funding LLC Series 2019-1A, Class A2 (A)	4.459	02-15-27	53,445	53,07
Series 2020-1A, Class A2 (A)	3.101	02-15-28	25,153	24,87
Progress Residential Trust Series 2021-SFR2, Class A (A)	1.546	04-19-38	1,049,572	928,850
Series 2021-SFR5, Class A (A)	1.427	07-17-38	198,450	172,92
Series 2021-SFR6, Class A (A)	1.524	07-17-38	431,506	379,334
SCF Equipment Leasing LLC Series 2019-2A, Class B (A)	2.760	08-20-26	300,000	290,146
Series 2019-2A, Class C (A)	3.110	06-21-27	130,000	123,25
Series 2020-1A, Class B (A)	2.020	03-20-28	250,000	239,70
Series 2021-1A, Class B (A)	1.370	08-20-29	365,000	329,59
Series 2022-2A, Class A3 (A)	6.500	10-21-30	819,000	824,95
SERVPRO Master Issuer LLC Series 2021-1A, Class A2 (A)	2.394	04-25-51	279,030	225,40
sesac Finance LLC Series 2019-1, Class A2 (A)	5.216	07-25-49	256,690	238,00
Sierra Timeshare Receivables Funding LLC Series 2021-1A, Class A (A)	0.990	11-20-37	80,584	74,69
SMB Private Education Loan Trust Series 2016-A, Class A2A (A)	2.700	05-15-31	198,342	191,52
Series 2019-B, Class A2A (A)	2.840	06-15-37	162,727	151,13
Series 2020-PTA, Class A2A (A)	1.600	09-15-54	254,482	226,02
Series 2021-A, Class APT2 (A)	1.070	01-15-53	194,543	166,79
Series 2021-D, Class A1A (A)	1.340	03-17-53	211,547	187,98
oFi Professional Loan Program LLC Series 2019-B, Class A2FX (A)	3.090	08-17-48	114,975	107,68
Sonic Capital LLC	2.045	04.20.50	544424	450.56
Series 2020-1A, Class A2I (A)	3.845	01-20-50	514,121	469,56
Series 2020-1A, Class A2II (A)	4.336	01-20-50	448,746	401,40
Series 2021-1A, Class A2I (A) Starwood Property Mortgage Trust	2.190	08-20-51	893,165	728,84
Series 2021-SIF2A, Class A1 (3 month CME Term SOFR + 1.550%) (A)(C)	6.208	01-15-33	250,000	246,32
Symphony Static CLO I, Ltd. Series 2021-1A, Class A (3 month LIBOR + 0.830%) (A)(C)	5.648	10-25-29	214,838	212,94
aco Bell Funding LLC Series 2016-1A, Class A23 (A)	4.970	05-25-46	461,825	448,57
Series 2021-1A, Class A2I (A)	1.946	08-25-51	949,975	819,82
Series 2021-1A, Class A2II (A)	2.294	08-25-51	320,938	266,886
TAL Advantage VII LLC Series 2020-1A, Class A (A)	2.050	09-20-45	160,444	140,60
ITF Funding II LLC Series 2020-1A, Class A (A)	2.090	08-20-45	921,725	801,29
Series 2021-1A, Class A (A)	1.650	02-20-46	553,163	463,83
Foyota Auto Receivables Owner Trust Series 2022-D, Class A3	5.300	09-15-27	750,000	754,589
Tricon American Homes Trust Series 2020-SFR2, Class A (A)	1.482	11-17-39	325,842	275,62

	Rate (%)	Maturity date	Par value^	Value
Asset backed securities (continued)				
Triton Container Finance VIII LLC Series 2020-1A, Class A (A)	2.110	09-20-45	997,202	\$859,487
Series 2021-1A, Class A (A)	1.860	03-20-46	276,238	233,204
Vantage Data Centers LLC Series 2019-1A, Class A2 (A)	3.188	07-15-44	590,580	564,511
Series 2020-1A, Class A2 (A)	1.645	09-15-45	870,000	775,309
Series 2020-2A, Class A2 (A)	1.992	09-15-45	785,000	655,649
VCP RRL ABS I, Ltd. Series 2021-1A, Class A (A)	2.152	10-20-31	70,910	64,449
VR Funding LLC Series 2020-1A, Class A (A)	2.790	11-15-50	601,328	501,086
VSE VOI Mortgage LLC Series 2017-A, Class A (A)	2.330	03-20-35	68,954	66,387
Wendy's Funding LLC Series 2019-1A, Class A2I (A)	3.783	06-15-49	477,750	445,877
Series 2021-1A, Class A2I (A)	2.370	06-15-51	991,895	827,317
Wingstop Funding LLC Series 2020-1A, Class A2 (A)	2.841	12-05-50	971,190	840,173
Zaxby's Funding LLC Series 2021-1A, Class A2 (A)	3.238	07-30-51	236,400	195,621
Total investments (Cost \$98,983,204) 99.0%				\$95,699,527
Other assets and liabilities, net 1.0%				993,082
Total net assets 100.0%				\$96,692,609

The percentage shown for each investment category is the total value of the category as a percentage of the net assets of the portfolio.

Security Abbreviations and Legend

CME Chicago Mercantile Exchange

Interest-Only Security - (Interest Tranche of Stripped Mortgage Pool). Rate shown is the annualized yield at the end of the period. 10

LIBOR London Interbank Offered Rate

SOFR Secured Overnight Financing Rate

- These securities are exempt from registration under Rule 144A of the Securities Act of 1933. Such securities may be resold, normally to qualified institutional buyers, in transactions exempt from registration. Rule 144A securities amounted to \$85,874,579 or 88.8% of the portfolio's net assets as of 2-28-23.
- Variable or floating rate security, the interest rate of which adjusts periodically based on a weighted average of interest rates and prepayments on the underlying pool of assets. (B) The interest rate shown is the current rate as of period end.
- Variable rate obligation. The coupon rate shown represents the rate at period end.

[^]All par values are denominated in U.S. dollars unless otherwise indicated.

Notes to Portfolios' investments (unaudited)

Security valuation. Investments are stated at value as of the scheduled close of regular trading on the New York Stock Exchange (NYSE), normally at 4:00 P.M., Eastern Time. In case of emergency or other disruption resulting in the NYSE not opening for trading or the NYSE closing at a time other than the regularly scheduled close, the net asset value (NAV) may be determined as of the regularly scheduled close of the NYSE pursuant to the Advisor's Valuation Policies and Procedures.

In order to value the securities, the portfolios use the following valuation techniques: Debt obligations are typically valued based on evaluated prices provided by an independent pricing vendor. Independent pricing vendors utilize matrix pricing, which takes into account factors such as institutional-size trading in similar groups of securities, yield, quality, coupon rate, maturity, type of issue, trading characteristics and other market data, as well as broker supplied prices. Equity securities, including exchange-traded or closed-end funds, are typically valued at the last sale price or official closing price on the exchange or principal market where the security trades. In the event there were no sales during the day or closing prices are not available, the securities are valued using the last available bid price.

In certain instances, the Pricing Committee of the Advisor may determine to value equity securities using prices obtained from another exchange or market if trading on the exchange or market on which prices are typically obtained did not open for trading as scheduled, or if trading closed earlier than scheduled, and trading occurred as normal on another exchange or market.

Other portfolio securities and assets, for which reliable market quotations are not readily available, are valued at fair value as determined in good faith by the Pricing Committee following procedures established by the Advisor and adopted by the Board of Trustees. The frequency with which these fair valuation procedures are used cannot be predicted and fair value of securities may differ significantly from the value that would have been used had a ready market for such securities existed.

The portfolios use a three tier hierarchy to prioritize the pricing assumptions, referred to as inputs, used in valuation techniques to measure fair value. Level 1 includes securities valued using quoted prices in active markets for identical securities, including registered investment companies. Level 2 includes securities valued using other significant observable inputs. Observable inputs may include quoted prices for similar securities, interest rates, prepayment speeds and credit risk. Prices for securities valued using these inputs are received from independent pricing vendors and brokers and are based on an evaluation of the inputs described. Level 3 includes securities valued using significant unobservable inputs when market prices are not readily available or reliable, including the Advisor's assumptions in determining the fair value of investments. Factors used in determining value may include market or issuer specific events or trends, changes in interest rates and credit quality. The inputs or methodology used for valuing securities are not necessarily an indication of the risks associated with investing in those securities. Changes in valuation techniques and related inputs may result in transfers into or out of an assigned level within the disclosure hierarchy.

The following is a summary of the values by input classification of the portfolios' investments as of February 28, 2023, by major security category or type:

Total value at 2-28-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
\$77,647,869	_	\$77,647,869	_
370,776	_	370,776	_
\$78,018,645	_	\$78,018,645	_
\$204.428		\$204.428	
			_
			_
29,524	_	29,524	_
132,198	\$132,198	· _	_
70,604	70,604	_	
70,004			
156		_	\$156
	\$77,647,869 370,776 \$78,018,645 \$204,428 39,745,411 225,269 29,524	\$77,647,869 — 370,776 — \$78,018,645 — \$204,428 — 39,745,411 — 225,269 — 29,524 —	\$77,647,869 — \$77,647,869 370,776 — 370,776 \$78,018,645 — \$78,018,645 \$204,428 — \$204,428 39,745,411 — 39,745,411 225,269 — 225,269 29,524 — 29,524

	Total value at 2-28-23	Level 1 quoted price	Level 2 significant observable inputs	Level 3 significant unobservable inputs
Managed Account Shares Non-Investment-Grade Municipal Bond Portfolio (continued)				
Municipal bonds	\$13,408,426	_	\$13,408,426	_
Total investments in securities	\$13,408,426	_	\$13,408,426	_
Managed Account Shares Securitized Debt Portfolio				
Investments in securities:				
Assets				
Collateralized mortgage obligations	\$44,285,937		\$44,285,937	_
Asset backed securities	51,413,590	_	51,413,590	_
Total investments in securities	\$95,699,527	_	\$95,699,527	_

For additional information on the portfolios' significant accounting policies and risks, please refer to the portfolios' most recent semiannual or annual shareholder report and prospectus.

27