

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 31.9%		
U.S. Government – 13.9%		
U.S. Treasury Bonds		
1.250%, 05/15/2050	\$ 2,000,000	\$ 1,698,359
1.625%, 11/15/2050	6,500,000	6,055,918
1.875%, 02/15/2041 to 11/15/2051	9,325,000	9,237,332
2.000%, 11/15/2041 to 08/15/2051	21,768,300	22,124,247
2.250%, 05/15/2041	3,000,000	3,150,938
2.500%, 02/15/2045	12,428,000	13,667,402
2.875%, 05/15/2049	3,000,000	3,613,828
3.000%, 02/15/2047	3,420,000	4,138,734
3.125%, 11/15/2041	3,886,000	4,669,727
U.S. Treasury Notes		
0.250%, 09/30/2023 to 06/15/2024	5,408,000	5,361,779
0.375%, 10/31/2023 to 08/15/2024	2,760,000	2,735,320
0.500%, 11/30/2023	3,747,000	3,732,656
0.625%, 10/15/2024	735,000	729,028
1.125%, 02/15/2031	3,000,000	2,911,523
1.250%, 11/30/2026	532,000	531,668
1.625%, 05/15/2031	3,000,000	3,037,969
2.375%, 05/15/2027	6,000,000	6,332,344
2.875%, 08/15/2028	7,000,000	7,644,766
		101,373,538
U.S. Government Agency – 18.0%		
Federal Home Loan Mortgage Corp.		
2.500%, 08/01/2050	260,203	267,775
3.000%, 03/01/2043 to 12/01/2049	5,638,091	5,937,202
3.500%, 10/01/2046 to 11/01/2048	7,403,212	7,923,780
4.000%, 01/01/2041 to 08/01/2048	727,200	785,611
4.500%, 09/01/2023 to 10/01/2041	1,338,387	1,466,901
Federal National Mortgage Association		
1.865%, (12 month LIBOR + 1.608%), 08/01/2034 (A)	203,892	210,799
2.000%, TBA (B)	4,298,000	4,287,658
2.000%, 09/01/2050 to 10/01/2050	4,168,584	4,174,337
2.372%, (6 month LIBOR + 2.122%), 07/01/2033 (A)	16,270	16,880
2.500%, TBA (B)	9,312,000	9,508,429
2.500%, 09/01/2050	935,637	962,865
3.000%, TBA (B)	26,250,000	27,204,639
3.000%, 01/01/2043 to 11/01/2049	6,646,391	7,013,483
3.500%, TBA (B)	25,000,000	26,328,130
3.500%, 06/01/2042 to 09/01/2049	6,561,084	7,044,206
4.000%, TBA (B)	16,000,000	17,019,376
4.000%, 10/01/2025 to 11/01/2045	3,592,762	3,884,297
4.500%, 05/01/2041	1,016,158	1,114,175
5.000%, 12/01/2034 to 02/01/2036	1,135,450	1,260,593
5.500%, 09/01/2034 to 01/01/2037	1,471,155	1,668,739
6.000%, 05/01/2035 to 02/01/2036	1,127,024	1,295,758
7.000%, 09/01/2031 to 06/01/2032	102,874	120,660
7.500%, 09/01/2029 to 08/01/2031	14,030	15,965
Government National Mortgage Association		
4.000%, 02/15/2041	908,989	985,011
5.000%, 04/15/2035	165,546	183,828
5.500%, 03/15/2035	97,297	109,205
6.000%, 03/15/2033 to 06/15/2033	120,384	136,181
6.500%, 09/15/2028 to 08/15/2031	20,368	22,726
7.000%, 04/15/2029	22,737	25,532
8.000%, 10/15/2026	11,742	12,920
		130,987,661
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$228,168,139)		\$ 232,361,199

Active Bond Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS – 0.6%		
Argentina – 0.0%		
Republic of Argentina		
2.500%, (2.500% to 7-9-22, then 3.500% to 7-9-29, then 4.875% thereafter), 07/09/2041	\$ 1,219,000	\$ 429,698
Republic of Argentina, GDP-Linked Note 6.962%, 12/15/2035 (C)*	ARS 19,532,033	2,720
		432,418
Germany – 0.2%		
Federal Republic of Germany		
6.250%, 01/04/2030	EUR 725,000	1,269,248
Mexico – 0.1%		
Government of Mexico		
8.000%, 12/07/2023	MXN 11,861,100	587,109
Panama – 0.1%		
Republic of Panama		
8.875%, 09/30/2027	\$ 344,000	462,852
9.375%, 04/01/2029	130,000	186,226
		649,078
Qatar – 0.1%		
State of Qatar		
3.375%, 03/14/2024 (D)	428,000	448,150
5.103%, 04/23/2048 (D)	255,000	345,010
		793,160
Saudi Arabia – 0.1%		
Kingdom of Saudi Arabia		
4.375%, 04/16/2029 (D)	691,000	792,646
United Kingdom – 0.0%		
Government of United Kingdom		
6.000%, 12/07/2028	GBP 85,000	155,085
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$4,658,520)		\$ 4,678,744
CORPORATE BONDS – 47.2%		
Communication services – 5.3%		
AMC Entertainment Holdings, Inc.		
10.000%, 06/15/2026 (D)(E)	\$ 360,000	355,700
ANGI Group LLC		
3.875%, 08/15/2028 (D)	221,000	216,028
AT&T, Inc.		
2.300%, 06/01/2027	322,000	327,588
3.100%, 02/01/2043	1,617,000	1,571,951
3.500%, 06/01/2041	559,000	574,509
3.650%, 06/01/2051	147,000	152,240
4.350%, 06/15/2045	285,000	321,247
7.625%, 04/15/2031	451,000	617,872
C&W Senior Financing DAC		
6.875%, 09/15/2027 (D)	315,000	327,600
Cable One, Inc.		
4.000%, 11/15/2030 (D)	126,000	123,480
CCO Holdings LLC		
4.500%, 06/01/2033 (D)	210,000	214,248
Charter Communications Operating LLC		
2.800%, 04/01/2031	400,000	395,797
3.900%, 06/01/2052	236,000	236,653
4.200%, 03/15/2028	581,000	636,277
4.800%, 03/01/2050	715,000	800,538
5.750%, 04/01/2048	761,000	949,012
6.484%, 10/23/2045	600,000	819,352
Clear Channel Outdoor Holdings, Inc.		
7.750%, 04/15/2028 (D)	95,000	101,650
Comcast Corp.		
3.969%, 11/01/2047	633,000	728,803
3.999%, 11/01/2049	761,000	881,803

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Comcast Corp. (continued)		
4.150%, 10/15/2028	\$ 941,000	\$ 1,068,253
Connect Finco SARL		
6.750%, 10/01/2026 (D)	400,000	420,500
Deutsche Telekom International Finance BV		
8.750%, 06/15/2030	758,000	1,101,725
Fox Corp.		
3.500%, 04/08/2030	400,000	430,479
GCI LLC		
4.750%, 10/15/2028 (D)	237,000	243,221
Globo Comunicacao e Participacoes SA		
4.875%, 01/22/2030 (D)	400,000	388,504
Level 3 Financing, Inc.		
3.400%, 03/01/2027 (D)	377,000	389,234
Lions Gate Capital Holdings LLC		
5.500%, 04/15/2029 (D)	385,000	391,738
Live Nation Entertainment, Inc.		
4.750%, 10/15/2027 (D)	355,000	364,763
Lumen Technologies, Inc.		
7.600%, 09/15/2039	1,000,000	1,072,505
Match Group Holdings II LLC		
3.625%, 10/01/2031 (D)	139,000	135,004
4.125%, 08/01/2030 (D)	234,000	236,340
Midas OpCo Holdings LLC		
5.625%, 08/15/2029 (D)	523,000	535,421
Millicom International Cellular SA		
6.250%, 03/25/2029 (D)	214,200	232,878
MTN Mauritius Investments, Ltd.		
4.755%, 11/11/2024 (D)	140,000	146,087
Netflix, Inc.		
4.375%, 11/15/2026	700,000	775,250
4.875%, 04/15/2028	621,000	707,940
4.875%, 06/15/2030 (D)	277,000	323,051
5.375%, 11/15/2029 (D)	120,000	142,500
5.875%, 11/15/2028	487,000	585,618
News Corp.		
3.875%, 05/15/2029 (D)	209,000	211,090
Oztel Holdings SPC, Ltd.		
6.625%, 04/24/2028 (D)	250,000	272,290
Playtika Holding Corp.		
4.250%, 03/15/2029 (D)	57,000	55,860
Radiate Holdco LLC		
6.500%, 09/15/2028 (D)	225,000	226,020
Sirius XM Radio, Inc.		
4.000%, 07/15/2028 (D)	357,000	358,996
5.000%, 08/01/2027 (D)	383,000	398,067
SoftBank Group Corp. (6.875% to 7-19-27, then 5 Year ICE Swap Rate + 4.854%) 07/19/2027 (F)	404,000	404,000
Sprint Capital Corp.		
6.875%, 11/15/2028	400,000	506,000
Sprint Corp.		
7.875%, 09/15/2023	261,000	287,426
Switch, Ltd.		
3.750%, 09/15/2028 (D)	81,000	81,608
Telecom Argentina SA		
8.000%, 07/18/2026 (D)	249,000	236,552
Telecom Italia Capital SA		
7.200%, 07/18/2036	333,000	381,804
Telecom Italia SpA		
5.303%, 05/30/2024 (D)	270,000	284,164
Telefonica Celular del Paraguay SA		
5.875%, 04/15/2027 (D)	265,000	274,275

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Telefonica Emisiones SA		
5.213%, 03/08/2047	\$ 754,000	\$ 936,105
Telesat Canada		
5.625%, 12/06/2026 (D)	157,000	147,439
Time Warner Cable LLC		
5.500%, 09/01/2041	450,000	545,585
Time Warner Entertainment Company LP		
8.375%, 07/15/2033	300,000	436,805
T-Mobile USA, Inc.		
2.050%, 02/15/2028	544,000	539,978
2.550%, 02/15/2031	222,000	220,884
2.875%, 02/15/2031	59,000	58,268
3.375%, 04/15/2029	487,000	496,224
3.750%, 04/15/2027	300,000	324,870
3.875%, 04/15/2030	985,000	1,077,347
4.500%, 04/15/2050	671,000	785,341
Total Play Telecomunicaciones SA de CV		
6.375%, 09/20/2028 (D)	278,000	262,713
7.500%, 11/12/2025 (D)	480,000	490,800
Townsquare Media, Inc.		
6.875%, 02/01/2026 (D)	102,000	108,248
Twitter, Inc.		
3.875%, 12/15/2027 (D)(E)	239,000	249,069
Univision Communications, Inc.		
4.500%, 05/01/2029 (D)	111,000	112,110
Verizon Communications, Inc.		
3.000%, 03/22/2027	104,000	109,894
4.272%, 01/15/2036	1,311,000	1,537,783
4.329%, 09/21/2028	792,000	899,676
4.400%, 11/01/2034	347,000	404,182
4.500%, 08/10/2033	374,000	439,694
4.522%, 09/15/2048 (E)	978,000	1,223,826
4.672%, 03/15/2055	397,000	520,322
5.012%, 08/21/2054	335,000	462,696
ViacomCBS, Inc.		
4.375%, 03/15/2043	642,000	730,391
Videotron, Ltd.		
3.625%, 06/15/2029 (D)	171,000	171,855
Vodafone Group PLC (7.000% to 1-4-29, then 5 Year U.S. Swap Rate + 4.873%) 04/04/2079	558,000	674,889
WGM Acquisition Corp.		
3.000%, 02/15/2031 (D)	422,000	404,065
3.875%, 07/15/2030 (D)	287,000	291,664
		38,684,234
Consumer discretionary – 5.1%		
Affinity Gaming		
6.875%, 12/15/2027 (D)	159,000	165,360
Amazon.com, Inc.		
3.150%, 08/22/2027	715,000	772,215
4.050%, 08/22/2047	385,000	466,792
Asbury Automotive Group, Inc.		
4.625%, 11/15/2029 (D)	50,000	50,938
4.750%, 03/01/2030	175,000	177,844
AutoNation, Inc.		
4.750%, 06/01/2030	186,000	212,466
AutoZone, Inc.		
3.125%, 04/21/2026	535,000	564,982
BMW US Capital LLC		
2.950%, 04/14/2022 (D)	500,000	503,564
Booking Holdings, Inc.		
4.625%, 04/13/2030	486,000	567,997
Brinker International, Inc.		
3.875%, 05/15/2023	740,000	756,650

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Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Brookfield Residential Properties, Inc. 5.000%, 06/15/2029 (D)	\$ 154,000	\$ 154,108
Caesars Resort Collection LLC 5.750%, 07/01/2025 (D)(E)	116,000	121,141
Carvana Company 4.875%, 09/01/2029 (D)	228,000	217,170
CCM Merger, Inc. 6.375%, 05/01/2026 (D)	139,000	144,734
Century Communities, Inc. 3.875%, 08/15/2029 (D)	343,000	345,573
6.750%, 06/01/2027	242,000	255,310
Choice Hotels International, Inc. 3.700%, 12/01/2029 to 01/15/2031	509,000	540,208
Daimler Finance North America LLC 3.500%, 08/03/2025 (D)	240,000	255,669
Daimler Trucks Finance North America LLC 1.625%, 12/13/2024 (D)	313,000	315,351
Dave & Buster's, Inc. 7.625%, 11/01/2025 (D)	44,000	46,915
Dealer Tire LLC 8.000%, 02/01/2028 (D)	122,000	126,992
Dollar Tree, Inc. 4.200%, 05/15/2028	781,000	870,431
eBay, Inc. 2.700%, 03/11/2030	544,000	556,039
3.800%, 03/09/2022	520,000	521,456
Empire Communities Corp. 7.000%, 12/15/2025 (D)	75,000	77,625
Expedia Group, Inc. 2.950%, 03/15/2031	293,000	292,584
3.250%, 02/15/2030	455,000	464,328
3.800%, 02/15/2028	671,000	717,399
4.625%, 08/01/2027	409,000	455,450
5.000%, 02/15/2026	1,208,000	1,343,506
Ford Motor Company 3.250%, 02/12/2032	177,000	181,248
Ford Motor Credit Company LLC 4.000%, 11/13/2030	225,000	242,055
4.125%, 08/17/2027	346,000	373,465
4.134%, 08/04/2025	1,034,000	1,097,333
5.113%, 05/03/2029	602,000	684,023
Full House Resorts, Inc. 8.250%, 02/15/2028 (D)	111,000	116,550
GEMS MENASA Cayman, Ltd. 7.125%, 07/31/2026 (D)	221,000	227,078
General Motors Company 5.400%, 04/01/2048	210,000	267,912
General Motors Financial Company, Inc. 2.400%, 10/15/2028	805,000	802,757
3.600%, 06/21/2030	881,000	939,569
4.350%, 01/17/2027	404,000	445,047
Group 1 Automotive, Inc. 4.000%, 08/15/2028 (D)	44,000	43,835
Hilton Domestic Operating Company, Inc. 3.625%, 02/15/2032 (D)	259,000	257,638
4.000%, 05/01/2031 (D)	178,000	182,012
4.875%, 01/15/2030	307,000	328,106
5.750%, 05/01/2028 (D)	95,000	101,500
Hilton Grand Vacations Borrower Escrow LLC 4.875%, 07/01/2031 (D)	187,000	187,000
5.000%, 06/01/2029 (D)	238,000	243,950

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Hyatt Hotels Corp. 1.800%, 10/01/2024	\$ 216,000	\$ 216,192
3.375%, 07/15/2023	660,000	675,123
5.750%, 04/23/2030	247,000	294,635
Hyundai Capital America 1.000%, 09/17/2024 (D)	409,000	401,932
1.800%, 10/15/2025 (D)	201,000	199,913
2.375%, 10/15/2027 (D)	201,000	199,872
International Game Technology PLC 6.500%, 02/15/2025 (D)	180,000	195,300
Jacobs Entertainment, Inc. 7.875%, 02/01/2024 (D)	267,000	272,340
KB Home 4.000%, 06/15/2031	264,000	273,900
Ken Garff Automotive LLC 4.875%, 09/15/2028 (D)	169,000	169,211
LCM Investments Holdings II LLC 4.875%, 05/01/2029 (D)	96,000	98,657
Levi Strauss & Company 3.500%, 03/01/2031 (D)	91,000	92,786
Life Time, Inc. 8.000%, 04/15/2026 (D)	119,000	124,702
Macy's Retail Holdings LLC 5.875%, 04/01/2029 (D)(E)	71,000	75,704
Marriott International, Inc. 2.850%, 04/15/2031	425,000	423,700
3.125%, 06/15/2026	1,169,000	1,214,036
3.500%, 10/15/2032	251,000	262,861
4.625%, 06/15/2030	393,000	442,104
Marriott Ownership Resorts, Inc. 4.500%, 06/15/2029 (D)	42,000	42,274
McDonald's Corp. 3.600%, 07/01/2030	500,000	552,529
4.200%, 04/01/2050	500,000	605,154
MDC Holdings, Inc. 2.500%, 01/15/2031	155,000	149,921
MGM Resorts International 4.750%, 10/15/2028	342,000	352,260
Midwest Gaming Borrower LLC 4.875%, 05/01/2029 (D)	243,000	244,215
Mohegan Gaming & Entertainment 8.000%, 02/01/2026 (D)	298,000	312,867
NCL Corp., Ltd. 3.625%, 12/15/2024 (D)	700,000	660,625
New Red Finance, Inc. 4.000%, 10/15/2030 (D)	553,000	543,323
NIKE, Inc. 2.750%, 03/27/2027	500,000	529,701
2.850%, 03/27/2030	500,000	531,507
Nissan Motor Acceptance Company LLC 1.125%, 09/16/2024 (D)	205,000	201,422
Papa John's International, Inc. 3.875%, 09/15/2029 (D)	44,000	43,780
Premier Entertainment Sub LLC 5.625%, 09/01/2029 (D)	176,000	174,625
5.875%, 09/01/2031 (D)	479,000	480,662
QVC, Inc. 5.450%, 08/15/2034	184,000	182,160
Resorts World Las Vegas LLC 4.625%, 04/16/2029 (D)	300,000	301,700
Service Corp. International 3.375%, 08/15/2030	148,000	145,272
4.000%, 05/15/2031	259,000	262,238
Sotheby's 7.375%, 10/15/2027 (D)	245,000	260,925

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Specialty Building Products Holdings LLC		
6.375%, 09/30/2026 (D)	\$ 33,000	\$ 34,586
StoneMor, Inc.		
8.500%, 05/15/2029 (D)	380,000	392,350
Target Corp.		
2.250%, 04/15/2025	500,000	515,271
The Home Depot, Inc.		
2.500%, 04/15/2027	500,000	521,427
2.700%, 04/15/2030	500,000	524,622
The TJX Companies, Inc.		
3.875%, 04/15/2030	400,000	448,591
4.500%, 04/15/2050 (E)	400,000	539,578
Toll Brothers Finance Corp.		
3.800%, 11/01/2029 (E)	74,000	79,550
Travel + Leisure Company		
4.625%, 03/01/2030 (D)	191,000	191,955
6.000%, 04/01/2027	700,000	760,739
6.600%, 10/01/2025	147,000	163,538
Wyndham Hotels & Resorts, Inc.		
4.375%, 08/15/2028 (D)	133,000	136,990
Yum! Brands, Inc.		
3.625%, 03/15/2031	252,000	251,055
4.750%, 01/15/2030 (D)	241,000	260,883
5.350%, 11/01/2043	600,000	663,480
6.875%, 11/15/2037	292,000	370,052
		<u>36,846,670</u>
Consumer staples – 1.9%		
Advantage Sales & Marketing, Inc.		
6.500%, 11/15/2028 (D)	416,000	435,760
Albertsons Companies, Inc.		
3.250%, 03/15/2026 (D)	143,000	145,681
3.500%, 03/15/2029 (D)	359,000	359,704
4.875%, 02/15/2030 (D)	148,000	159,799
Anheuser-Busch InBev Worldwide, Inc.		
4.439%, 10/06/2048	730,000	872,512
4.600%, 04/15/2048	385,000	470,793
BRF SA		
5.750%, 09/21/2050 (D)(E)	285,000	283,575
Bunge, Ltd. Finance Corp.		
3.250%, 08/15/2026	500,000	527,407
Cargill, Inc.		
2.125%, 04/23/2030 (D)	180,000	178,006
Constellation Brands, Inc.		
3.150%, 08/01/2029	159,000	167,699
Edgewell Personal Care Company		
4.125%, 04/01/2029 (D)	164,000	165,230
5.500%, 06/01/2028 (D)	278,000	295,083
Fomento Economico Mexicano SAB de CV		
4.375%, 05/10/2043	1,000,000	1,171,750
General Mills, Inc.		
2.875%, 04/15/2030	400,000	417,448
JBS Finance Luxembourg Sarl		
3.625%, 01/15/2032 (D)	271,000	272,019
JBS USA Food Company		
5.750%, 01/15/2028 (D)	490,000	510,830
JBS USA LUX SA		
3.750%, 12/01/2031 (D)	86,000	87,290
Keurig Dr. Pepper, Inc.		
3.200%, 05/01/2030	560,000	592,022
Kraft Heinz Foods Company		
4.375%, 06/01/2046	360,000	421,560
4.875%, 10/01/2049	80,000	100,475
5.000%, 06/04/2042	124,000	154,251

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer staples (continued)		
Kraft Heinz Foods Company (continued)		
5.500%, 06/01/2050	\$ 227,000	\$ 307,332
MARB BondCo PLC		
3.950%, 01/29/2031 (D)	260,000	248,303
NBM US Holdings, Inc.		
6.625%, 08/06/2029 (D)	394,000	430,941
Oriflame Investment Holding PLC		
5.125%, 05/04/2026 (D)	270,000	248,670
PepsiCo, Inc.		
2.750%, 03/19/2030	500,000	527,801
Post Holdings, Inc.		
5.500%, 12/15/2029 (D)	243,000	255,303
Reynolds American, Inc.		
4.850%, 09/15/2023	1,000,000	1,061,568
Simmons Foods, Inc.		
4.625%, 03/01/2029 (D)	43,000	42,355
Sysco Corp.		
5.950%, 04/01/2030	355,000	443,111
6.600%, 04/01/2050	1,000,000	1,553,476
The Estee Lauder Companies, Inc.		
2.600%, 04/15/2030	400,000	414,576
U.S. Foods, Inc.		
4.750%, 02/15/2029 (D)	216,000	219,510
		<u>13,541,840</u>
Energy – 4.6%		
Aker BP ASA		
2.875%, 01/15/2026 (D)	276,000	286,074
3.000%, 01/15/2025 (D)	270,000	279,809
4.000%, 01/15/2031 (D)	523,000	565,499
Altera Infrastructure LP		
8.500%, 07/15/2023 (D)(E)	287,000	156,415
Anadarko Petroleum Corp.		
4.500%, 07/15/2044 (E)	400,000	370,054
5.550%, 03/15/2026	800,000	856,120
Antero Midstream Partners LP		
5.375%, 06/15/2029 (D)	233,000	245,819
Antero Resources Corp.		
5.000%, 03/01/2025 (E)	223,000	226,577
5.375%, 03/01/2030 (D)	90,000	96,210
Apache Corp.		
5.100%, 09/01/2040	325,000	367,250
Ascent Resources Utica Holdings LLC		
5.875%, 06/30/2029 (D)	246,000	236,699
Boardwalk Pipelines LP		
3.375%, 02/01/2023	850,000	865,261
BP Capital Markets PLC		
2.750%, 05/10/2023	530,000	543,726
Buckeye Partners LP		
3.950%, 12/01/2026	500,000	509,605
Cameron International Corp.		
5.950%, 06/01/2041	1,178,000	1,496,297
Cheniere Energy Partners LP		
4.000%, 03/01/2031	494,000	518,181
4.500%, 10/01/2029	461,000	488,660
CNOOC Finance 2003, Ltd.		
5.500%, 05/21/2033 (D)	545,000	648,598
ConocoPhillips Company		
5.950%, 03/15/2046	30,000	44,444
Continental Resources, Inc.		
4.900%, 06/01/2044	400,000	443,300
CSI Compressco LP		
7.500%, 04/01/2025 (D)	386,000	388,895
CSI Compressco LP (10.000% Cash or 7.250% Cash and 3.500% PIK)		
10.000%, 04/01/2026 (D)	239,806	235,010

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
DCP Midstream Operating LP (5.850% to 5-21-23, then 3 month LIBOR + 3.850%) 05/21/2043 (D)	\$ 201,000	\$ 194,970
Devon Energy Corp. 5.000%, 06/15/2045	600,000	725,233
7.875%, 09/30/2031	874,000	1,236,421
Diamondback Energy, Inc. 3.125%, 03/24/2031	257,000	264,877
Enbridge Energy Partners LP 7.500%, 04/15/2038	600,000	897,211
Enbridge, Inc. (5.500% to 7-15-27, then 3 month LIBOR + 3.418%) 07/15/2077	347,000	365,339
Enbridge, Inc. (5.750% to 4-15-30, then 5 Year CMT + 5.314%) 07/15/2080	400,000	444,000
Enbridge, Inc. (6.250% to 3-1-28, then 3 month LIBOR + 3.641%) 03/01/2078	394,000	427,641
Energean Israel Finance, Ltd. 5.375%, 03/30/2028 (D)	99,000	97,529
5.875%, 03/30/2031 (D)	172,000	168,543
Energy Transfer LP 4.200%, 04/15/2027	228,000	247,395
5.150%, 03/15/2045	340,000	384,225
5.250%, 04/15/2029	810,000	927,774
5.400%, 10/01/2047	244,000	286,325
5.500%, 06/01/2027	347,000	395,805
5.950%, 10/01/2043	300,000	360,563
Energy Transfer LP (6.500% to 11-15-26, then 5 Year CMT + 5.694%) 11/15/2026 (F)	474,000	482,295
Enterprise Products Operating LLC 6.875%, 03/01/2033	471,000	636,140
Enterprise Products Operating LLC (5.250% to 8-16-27, then 3 month LIBOR + 3.033%) 08/16/2077	631,000	644,200
Hess Corp. 5.600%, 02/15/2041	400,000	493,825
5.800%, 04/01/2047	500,000	638,773
Hess Midstream Operations LP 4.250%, 02/15/2030 (D)	78,000	77,415
Kinder Morgan Energy Partners LP 7.750%, 03/15/2032	260,000	363,919
Kinder Morgan, Inc. 4.300%, 03/01/2028	176,000	195,571
Leviathan Bond, Ltd. 6.500%, 06/30/2027 (D)	426,000	456,297
6.750%, 06/30/2030 (D)	85,000	91,212
Lundin Energy Finance BV 2.000%, 07/15/2026 (D)	267,000	265,129
3.100%, 07/15/2031 (D)	383,000	385,730
Marathon Oil Corp. 6.800%, 03/15/2032	785,000	1,011,129
MC Brazil Downstream Trading SARL 7.250%, 06/30/2031 (D)	276,000	274,758
Midwest Connector Capital Company LLC 3.625%, 04/01/2022 (D)	205,000	205,369
3.900%, 04/01/2024 (D)	383,000	396,969
MPLX LP 4.000%, 03/15/2028	311,000	337,018
4.125%, 03/01/2027	103,000	112,690
4.250%, 12/01/2027	225,000	249,212
MPLX LP (6.875% to 2-15-23, then 3 month LIBOR + 4.652%) 02/15/2023 (F)	782,000	783,955

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
New Fortress Energy, Inc. 6.500%, 09/30/2026 (D)	\$ 391,000	\$ 388,068
Occidental Petroleum Corp. 3.500%, 08/15/2029	72,000	73,966
ONEOK Partners LP 6.650%, 10/01/2036	835,000	1,091,354
Ovintiv Exploration, Inc. 5.625%, 07/01/2024	500,000	550,391
Parkland Corp. 4.500%, 10/01/2029 (D)	176,000	176,139
4.625%, 05/01/2030 (D)	172,000	170,925
Petrobras Global Finance BV 6.900%, 03/19/2049	160,000	170,400
Plains All American Pipeline LP 4.900%, 02/15/2045	750,000	813,930
Sabine Pass Liquefaction LLC 4.200%, 03/15/2028	325,000	355,996
4.500%, 05/15/2030	271,000	305,694
5.000%, 03/15/2027	186,000	208,911
5.875%, 06/30/2026	336,000	385,494
Sinopec Group Overseas Development 2015, Ltd. 3.250%, 04/28/2025 (D)	550,000	577,229
Southwestern Energy Company 4.750%, 02/01/2032	129,000	135,851
Sunoco LP 4.500%, 05/15/2029	96,000	97,490
4.500%, 04/30/2030 (D)	252,000	258,279
Targa Resources Partners LP 4.000%, 01/15/2032 (D)	243,000	253,935
5.875%, 04/15/2026	478,000	498,776
The Williams Companies, Inc. 3.750%, 06/15/2027	397,000	428,592
5.750%, 06/24/2044	149,000	193,392
TransCanada PipeLines, Ltd. 4.250%, 05/15/2028	220,000	245,330
Valero Energy Corp. 2.850%, 04/15/2025	400,000	414,346
Venture Global Calcasieu Pass LLC 3.875%, 08/15/2029 (D)	95,000	98,563
4.125%, 08/15/2031 (D)	158,000	167,480
		33,454,491
Financials – 11.0%		
Ally Financial, Inc. 5.800%, 05/01/2025	286,000	322,742
Ambac Assurance Corp. 5.100%, 01/19/2022 (D)(F)	131	177
American International Group, Inc. 3.900%, 04/01/2026	830,000	899,559
American International Group, Inc. (6.250% to 3-15-37, then 3 month LIBOR + 2.056%) 03/15/2037	100,000	116,607
Ameriprise Financial, Inc. 2.875%, 09/15/2026	500,000	526,348
Ares Capital Corp. 2.150%, 07/15/2026	549,000	541,510
2.875%, 06/15/2028	309,000	307,629
3.875%, 01/15/2026	897,000	945,343
4.200%, 06/10/2024	246,000	259,580
Athene Holding, Ltd. 3.500%, 01/15/2031	206,000	217,825
Australia & New Zealand Banking Group, Ltd. (6.750% to 6-15-26, then 5 Year ICE Swap Rate + 5.168%) 06/15/2026 (D)(F)	235,000	267,019

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
AXA SA		
8.600%, 12/15/2030	\$ 170,000	\$ 245,254
Banco Santander SA		
4.379%, 04/12/2028	324,000	361,293
Bank of America Corp.		
3.248%, 10/21/2027	586,000	623,740
3.950%, 04/21/2025	539,000	576,138
Bank of America Corp. (2.087% to 6-14-28, then SOFR + 1.060%) 06/14/2029	582,000	577,909
Bank of America Corp. (2.592% to 4-29-30, then SOFR + 2.150%) 04/29/2031	498,000	503,067
Bank of America Corp. (2.687% to 4-22-31, then SOFR + 1.320%) 04/22/2032	881,000	894,062
Bank of America Corp. (2.884% to 10-22-29, then 3 month LIBOR + 1.190%) 10/22/2030	500,000	516,274
Bank of America Corp. (3.004% to 12-20-22, then 3 month LIBOR + 0.790%) 12/20/2023	1,149,000	1,172,749
Bank of America Corp. (3.419% to 12-20-27, then 3 month LIBOR + 1.040%) 12/20/2028	1,087,000	1,160,552
Bank of America Corp. (4.083% to 3-20-50, then 3 month LIBOR + 3.150%) 03/20/2051	500,000	601,413
Bank of America Corp. (6.300% to 3-10-26, then 3 month LIBOR + 4.553%) 03/10/2026 (F)	667,000	750,375
Barclays PLC		
4.375%, 01/12/2026	300,000	327,959
Barclays PLC (4.375% to 3-15-28, then 5 Year CMT + 3.410%) 03/15/2028 (F)	391,000	382,985
BlackRock, Inc.		
1.900%, 01/28/2031	500,000	492,715
Blackstone Private Credit Fund		
2.350%, 11/22/2024 (D)	351,000	350,729
3.250%, 03/15/2027 (D)	79,000	79,816
BPCE SA		
4.500%, 03/15/2025 (D)	360,000	387,918
Brightstar Escrow Corp.		
9.750%, 10/15/2025 (D)	144,000	154,440
Capital One Financial Corp.		
3.500%, 06/15/2023	1,023,000	1,060,065
3.750%, 07/28/2026	500,000	536,147
Capital One Financial Corp. (1.343% to 12-6-23, then SOFR + 0.690%) 12/06/2024	419,000	421,532
CIT Group, Inc.		
5.000%, 08/01/2023	700,000	739,375
Citigroup, Inc.		
3.200%, 10/21/2026	655,000	694,096
3.500%, 05/15/2023	1,060,000	1,095,779
4.500%, 01/14/2022	1,000,000	1,001,167
4.600%, 03/09/2026	792,000	873,458
Citigroup, Inc. (2.561% to 5-1-31, then SOFR + 1.167%) 05/01/2032	264,000	265,369
Citigroup, Inc. (4.412% to 3-31-30, then SOFR + 3.914%) 03/31/2031	1,000,000	1,142,060
Citigroup, Inc. (4.700% to 1-30-25, then SOFR + 3.234%) 01/30/2025 (F)	524,000	529,345

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Citigroup, Inc. (6.250% to 8-15-26, then 3 month LIBOR + 4.517%) 08/15/2026 (F)	\$ 415,000	\$ 468,037
Citizens Financial Group, Inc.		
3.250%, 04/30/2030	573,000	605,017
CNA Financial Corp.		
2.050%, 08/15/2030	205,000	198,499
CNO Financial Group, Inc.		
5.250%, 05/30/2025 to 05/30/2029	635,000	720,552
Credit Agricole SA		
2.811%, 01/11/2041 (D)	279,000	266,959
3.250%, 01/14/2030 (D)	548,000	567,436
4.375%, 03/17/2025 (D)	600,000	644,649
Credit Agricole SA (7.875% to 1-23-24, then 5 Year U.S. Swap Rate + 4.898%) 01/23/2024 (D)(F)	310,000	339,063
Credit Suisse Group AG		
4.550%, 04/17/2026	405,000	446,205
Deutsche Bank AG		
0.962%, 11/08/2023	577,000	575,973
Deutsche Bank AG (2.311% to 11-16-26, then SOFR + 1.219%) 11/16/2027	327,000	326,854
Discover Financial Services		
4.100%, 02/09/2027	167,000	181,009
Enova International, Inc.		
8.500%, 09/01/2024 to 09/15/2025 (D)	354,000	364,142
Fifth Third Bancorp (5.100% to 6-30-23, then 3 month LIBOR + 3.033%) 06/30/2023 (F)	287,000	291,736
Freedom Mortgage Corp.		
8.125%, 11/15/2024 (D)	250,000	253,125
8.250%, 04/15/2025 (D)	55,000	56,306
GE Capital International Funding Company		
4.418%, 11/15/2035	448,000	534,625
Global Atlantic Fin Company		
3.125%, 06/15/2031 (D)	1,000,000	989,882
ING Groep NV (6.500% to 4-16-25, then 5 Year U.S. Swap Rate + 4.446%) 04/16/2025 (F)	135,000	147,049
Intesa Sanpaolo SpA (4.198% to 6-1-31, then 1 Year CMT + 2.600%) 06/01/2032 (D)	201,000	202,744
Invesco Finance PLC		
3.125%, 11/30/2022	850,000	869,285
Jefferies Group LLC		
4.150%, 01/23/2030	380,000	421,268
4.850%, 01/15/2027	505,000	572,825
JPMorgan Chase & Co.		
2.950%, 10/01/2026	675,000	712,559
3.375%, 05/01/2023	1,250,000	1,288,685
4.125%, 12/15/2026	600,000	661,783
4.500%, 01/24/2022	1,300,000	1,303,022
JPMorgan Chase & Co. (2.522% to 4-22-30, then SOFR + 2.040%) 04/22/2031	586,000	592,289
JPMorgan Chase & Co. (2.956% to 5-13-30, then SOFR + 2.515%) 05/13/2031	544,000	563,243
JPMorgan Chase & Co. (3.960% to 1-29-26, then 3 month LIBOR + 1.245%) 01/29/2027	489,000	528,358
JPMorgan Chase & Co. (4.600% to 2-1-25, then SOFR + 3.125%) 02/01/2025 (F)	458,000	470,023

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
JPMorgan Chase & Co. (6.750% to 2-1-24, then 3 month LIBOR + 3.780%) 02/01/2024 (F)	\$ 575,000	\$ 623,228
Lazard Group LLC 4.375%, 03/11/2029	220,000	248,106
Legg Mason, Inc. 3.950%, 07/15/2024 4.750%, 03/15/2026	660,000 825,000	701,620 924,346
Liberty Mutual Group, Inc. 3.950%, 05/15/2060 (D) 4.250%, 06/15/2023 (D)	500,000 1,000,000	548,951 1,044,472
Liberty Mutual Group, Inc. (4.125% to 9-15-26, then 5 Year CMT + 3.315%) 12/15/2051 (D)	332,000	331,170
Lloyds Banking Group PLC 4.450%, 05/08/2025	921,000	1,000,425
Lloyds Banking Group PLC (7.500% to 6-27-24, then 5 Year U.S. Swap Rate + 4.760%) 06/27/2024 (F)	345,000	381,435
Loews Corp. 2.625%, 05/15/2023 3.750%, 04/01/2026	630,000 825,000	642,977 891,750
M&T Bank Corp. (5.125% to 11-1-26, then 3 month LIBOR + 3.520%) 11/01/2026 (F)	186,000	199,140
Macquarie Bank, Ltd. 3.624%, 06/03/2030 (D) 4.875%, 06/10/2025 (D)	329,000 360,000	343,260 392,592
Markel Corp. 5.000%, 03/30/2043	1,270,000	1,543,745
MetLife, Inc. 3.000%, 03/01/2025	300,000	315,410
MetLife, Inc. (6.400% to 12-15-36, then 3 month LIBOR + 2.205%) 6.400%, 12/15/2036	347,000	426,885
MetLife, Inc. (9.250% to 4-8-38, then 3 month LIBOR + 5.540%) 9.250%, 04/08/2038 (D)	120,000	177,653
Morgan Stanley 3.875%, 01/27/2026 4.100%, 05/22/2023	361,000 900,000	390,360 937,376
Morgan Stanley (2.188% to 4-28-25, then SOFR + 1.990%) 04/28/2026	1,047,000	1,067,539
Morgan Stanley (2.484% to 9-16-31, then SOFR + 1.360%) 09/16/2036	659,000	634,584
Morgan Stanley (3 month LIBOR + 3.610%) 3.733%, 01/18/2022 (A)(F)	200,000	200,101
Morgan Stanley (3.622% to 4-1-30, then SOFR + 3.120%) 04/01/2031	1,000,000	1,089,693
MSCI, Inc. 3.250%, 08/15/2033 (D) 3.625%, 11/01/2031 (D)	285,000 318,000	288,206 329,925
Nationstar Mortgage Holdings, Inc. 5.125%, 12/15/2030 (D) 5.500%, 08/15/2028 (D) 6.000%, 01/15/2027 (D)	176,000 191,000 99,000	173,800 194,820 103,128
Nationwide Mutual Insurance Company (3 month LIBOR + 2.290%) 2.492%, 12/15/2024 (A)(D)	1,130,000	1,131,359
NatWest Group PLC 3.875%, 09/12/2023	500,000	521,373
NatWest Group PLC (6.000% to 12-29-25, then 5 Year CMT + 5.625%) 12/29/2025 (F)	431,000	471,652

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
NatWest Markets PLC 1.600%, 09/29/2026 (D)	\$ 578,000	\$ 568,535
New York Life Insurance Company 3.750%, 05/15/2050 (D)	198,000	225,340
Nippon Life Insurance Company (2.750% to 1-21-31, then 5 Year CMT + 2.653%) 01/21/2051 (D)	659,000	645,820
Nippon Life Insurance Company (5.100% to 10-16-24, then 5 Year U.S. Swap Rate + 3.650%) 10/16/2044 (D)	355,000	382,069
OneMain Finance Corp. 6.875%, 03/15/2025 8.875%, 06/01/2025	65,000 142,000	72,313 151,940
Operadora de Servicios Mega SA de CV 8.250%, 02/11/2025 (D)	295,000	274,350
Prudential Financial, Inc. (5.875% to 9-15-22, then 3 month LIBOR + 4.175%) 09/15/2042	795,000	812,515
Radian Group, Inc. 4.500%, 10/01/2024	140,000	146,650
Raymond James Financial, Inc. 4.950%, 07/15/2046	500,000	636,353
Santander Holdings USA, Inc. 3.244%, 10/05/2026 3.450%, 06/02/2025 4.400%, 07/13/2027	791,000 704,000 203,000	825,612 738,595 222,559
SBL Holdings, Inc. 5.000%, 02/18/2031 (D)	360,000	380,323
Societe Generale SA (4.750% to 5-26-26, then 5 Year CMT + 3.931%) 05/26/2026 (D)(F)	346,000	351,332
Societe Generale SA (5.375% to 11-18-30, then 5 Year CMT + 4.514%) 11/18/2030 (D)(E)(F)	355,000	372,892
Sompo International Holdings, Ltd. 4.700%, 10/15/2022	1,080,000	1,110,431
State Street Corp. (2.901% to 3-30-25, then SOFR + 2.600%) 03/30/2026	1,000,000	1,045,564
Stifel Financial Corp. 4.250%, 07/18/2024	1,300,000	1,384,279
Teachers Insurance & Annuity Association of America 4.270%, 05/15/2047 (D)	425,000	513,327
The Goldman Sachs Group, Inc. 3.500%, 04/01/2025 3.625%, 01/22/2023 3.850%, 01/26/2027	500,000 1,200,000 792,000	528,717 1,235,820 851,219
The Goldman Sachs Group, Inc. (2.615% to 4-22-31, then SOFR + 1.281%) 04/22/2032	1,000,000	1,007,182
The Hartford Financial Services Group, Inc. 6.625%, 03/30/2040	500,000	724,233
The PNC Financial Services Group, Inc. (3 month LIBOR + 3.678%) 3.809%, 02/01/2022 (A)(F)	463,000	460,731
The PNC Financial Services Group, Inc. (3.400% to 9-15-26, then 5 Year CMT + 2.595%) 09/15/2026 (F)	577,000	567,906
The PNC Financial Services Group, Inc. (4.850% to 6-1-23, then 3 month LIBOR + 3.040%) 06/01/2023 (F)	243,000	247,860

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
UBS Group AG (7.000% to 1-31-24, then 5 Year U.S. Swap Rate + 4.344%) 01/31/2024 (D)(F)	\$ 323,000	\$ 348,275
Unifin Financiera SAB de CV 9.875%, 01/28/2029 (D)	391,000	329,421
Unum Group 4.125%, 06/15/2051	169,000	171,534
Voya Financial, Inc. 4.800%, 06/15/2046	700,000	866,892
Voya Financial, Inc. (5.650% to 5-15-23, then 3 month LIBOR + 3.580%) 05/15/2053	565,000	584,069
Wells Fargo & Company 3.450%, 02/13/2023	900,000	925,977
Wells Fargo & Company (2.393% to 6-2-27, then SOFR + 2.100%) 06/02/2028	881,000	895,386
Wells Fargo & Company (2.879% to 10-30-29, then SOFR + 1.432%) 10/30/2030	656,000	681,970
Wells Fargo & Company (3.068% to 4-30-40, then SOFR + 2.530%) 04/30/2041	426,000	436,874
Wells Fargo & Company (5.875% to 6-15-25, then 3 month LIBOR + 3.990%) 06/15/2025 (F)	1,013,000	1,106,703
		80,187,971
Health care – 3.0%		
Abbott Laboratories 3.750%, 11/30/2026	680,000	751,422
AbbVie, Inc. 3.200%, 11/21/2029	2,234,000	2,388,576
AdaptHealth LLC 5.125%, 03/01/2030 (D)	177,000	180,098
Agilent Technologies, Inc. 3.875%, 07/15/2023	670,000	694,441
AmerisourceBergen Corp. 2.800%, 05/15/2030	387,000	399,598
Anthem, Inc. 2.250%, 05/15/2030	179,000	178,361
Bausch Health Companies, Inc. 5.250%, 01/30/2030 (D)	193,000	169,840
	290,000	295,382
	390,000	370,594
Baxter International, Inc. 3.500%, 08/15/2046	500,000	544,126
Biogen, Inc. 2.250%, 05/01/2030	400,000	393,836
	500,000	480,582
Catalent Pharma Solutions, Inc. 3.125%, 02/15/2029 (D)	64,000	63,130
	81,000	84,159
Centene Corp. 3.000%, 10/15/2030	322,000	327,316
	183,000	186,365
	127,000	132,398
	162,000	174,711
CVS Health Corp. 2.700%, 08/21/2040	308,000	296,654
	358,000	392,494
	188,000	210,971
	480,000	627,570
CVS Pass-Through Trust 8.353%, 07/10/2031 (D)	858,975	1,093,538

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
DaVita, Inc. 3.750%, 02/15/2031 (D)	\$ 378,000	\$ 368,297
	367,000	375,716
Encompass Health Corp. 4.500%, 02/01/2028	175,000	180,031
	149,000	151,608
Fresenius Medical Care US Finance III, Inc. 2.375%, 02/16/2031 (D)	634,000	605,814
HCA, Inc. 4.125%, 06/15/2029	318,000	349,920
	666,000	742,445
	800,000	879,200
Humana, Inc. 3.125%, 08/15/2029	500,000	523,862
MEDNAX, Inc. 6.250%, 01/15/2027 (D)	386,000	403,853
Organon & Company 5.125%, 04/30/2031 (D)	314,000	328,030
Pfizer, Inc. 2.625%, 04/01/2030	500,000	526,781
Rede D'or Finance Sarl 4.500%, 01/22/2030 (D)	269,000	261,807
Royalty Pharma PLC 1.750%, 09/02/2027	206,000	202,390
Select Medical Corp. 6.250%, 08/15/2026 (D)	339,000	359,084
Shire Acquisitions Investments Ireland DAC 3.200%, 09/23/2026	500,000	530,333
Stanford Health Care 3.310%, 08/15/2030	225,000	241,758
Teva Pharmaceutical Finance Company LLC 6.150%, 02/01/2036 (E)	49,000	51,367
UnitedHealth Group, Inc. 5.800%, 03/15/2036	540,000	748,950
Universal Health Services, Inc. 1.650%, 09/01/2026 (D)	335,000	328,806
	358,000	355,102
Utah Acquisition Sub, Inc. 3.950%, 06/15/2026	800,000	862,550
	250,000	306,276
Varex Imaging Corp. 7.875%, 10/15/2027 (D)	166,000	184,443
Viatrix, Inc. 2.300%, 06/22/2027	209,000	210,218
	437,000	438,551
	464,000	494,200
Zimmer Biomet Holdings, Inc. 3.050%, 01/15/2026	500,000	522,286
		21,969,840
Industrials – 5.9%		
3M Company 3.050%, 04/15/2030	500,000	536,131
Adani Ports & Special Economic Zone, Ltd. 3.100%, 02/02/2031 (D)	313,000	297,925
AECOM 5.125%, 03/15/2027	366,000	398,700
AerCap Ireland Capital DAC 1.650%, 10/29/2024	585,000	583,939
	465,000	456,077
	594,000	598,871
	423,000	435,083

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
AerCap Ireland Capital DAC (continued)		
3.300%, 01/30/2032	\$ 500,000	\$ 509,386
Air Canada 2013-1 Class A Pass Through Trust		
4.125%, 05/15/2025 (D)	173,165	174,809
Air Canada 2017-1 Class B Pass Through Trust		
3.700%, 01/15/2026 (D)	183,651	176,806
Air Lease Corp.		
2.100%, 09/01/2028	208,000	200,599
2.875%, 01/15/2026	225,000	232,074
3.000%, 09/15/2023	400,000	410,513
3.125%, 12/01/2030	400,000	408,149
3.625%, 12/01/2027	170,000	178,972
Alaska Airlines 2020-1 Class B Pass Through Trust		
8.000%, 08/15/2025 (D)	88,089	97,833
Alta Equipment Group, Inc.		
5.625%, 04/15/2026 (D)	61,000	62,739
American Airlines 2015-1 Class A Pass Through Trust		
3.375%, 05/01/2027	921,219	912,012
American Airlines 2015-1 Class B Pass Through Trust		
3.700%, 05/01/2023	209,978	206,317
American Airlines 2016-1 Class A Pass Through Trust		
4.100%, 01/15/2028	364,171	352,752
American Airlines 2017-1 Class A Pass Through Trust		
4.000%, 02/15/2029	148,438	145,605
American Airlines 2017-1 Class AA Pass Through Trust		
3.650%, 02/15/2029	292,969	303,650
American Airlines 2017-2 Class A Pass Through Trust		
3.600%, 10/15/2029	162,114	156,950
American Airlines 2019-1 Class A Pass Through Trust		
3.500%, 02/15/2032	367,487	347,108
American Airlines 2019-1 Class AA Pass Through Trust		
3.150%, 02/15/2032	238,866	241,061
American Airlines 2021-1 Class A Pass Through Trust		
2.875%, 07/11/2034	200,000	198,096
American Airlines 2021-1 Class B Pass Through Trust		
3.950%, 07/11/2030	149,000	147,610
American Airlines Group, Inc.		
3.750%, 03/01/2025 (D)(E)	500,000	467,500
APX Group, Inc.		
5.750%, 07/15/2029 (D)	266,000	262,010
Ashtead Capital, Inc.		
2.450%, 08/12/2031 (D)	215,000	209,344
4.375%, 08/15/2027 (D)	285,000	295,175
Atkore, Inc.		
4.250%, 06/01/2031 (D)	90,000	92,250
ATS Automation Tooling Systems, Inc.		
4.125%, 12/15/2028 (D)	50,000	50,375
Beacon Roofing Supply, Inc.		
4.125%, 05/15/2029 (D)	188,000	187,900
BlueLinx Holdings, Inc.		
6.000%, 11/15/2029 (D)	275,000	273,625

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
Boise Cascade Company		
4.875%, 07/01/2030 (D)	\$ 52,000	\$ 54,860
British Airways 2013-1 Class A Pass Through Trust		
4.625%, 06/20/2024 (D)	175,368	181,841
British Airways 2018-1 Class A Pass Through Trust		
4.125%, 09/20/2031 (D)	159,675	160,744
British Airways 2020-1 Class A Pass Through Trust		
4.250%, 11/15/2032 (D)	131,489	139,888
British Airways 2020-1 Class B Pass Through Trust		
8.375%, 11/15/2028 (D)	102,025	117,144
Builders FirstSource, Inc.		
4.250%, 02/01/2032 (D)	286,000	296,067
5.000%, 03/01/2030 (D)	46,000	49,353
6.750%, 06/01/2027 (D)	61,000	64,355
Carrier Global Corp.		
2.700%, 02/15/2031	500,000	507,828
Cimpress PLC		
7.000%, 06/15/2026 (D)	390,000	405,113
Clean Harbors, Inc.		
4.875%, 07/15/2027 (D)	65,000	66,950
CNH Industrial Capital LLC		
1.950%, 07/02/2023	570,000	577,416
Continental Airlines 2007-1 Class A Pass Through Trust		
5.983%, 04/19/2022	32,294	32,545
CoStar Group, Inc.		
2.800%, 07/15/2030 (D)	466,000	466,110
CSX Corp.		
3.800%, 04/15/2050	1,000,000	1,138,056
DAE Funding LLC		
2.625%, 03/20/2025 (D)	267,000	268,001
Delta Air Lines, Inc.		
2.900%, 10/28/2024	663,000	676,018
3.800%, 04/19/2023	356,000	363,982
4.375%, 04/19/2028 (E)	445,000	474,099
4.500%, 10/20/2025 (D)	103,000	108,254
4.750%, 10/20/2028 (D)	169,000	184,545
Deluxe Corp.		
8.000%, 06/01/2029 (D)	124,000	129,580
Equifax, Inc.		
3.100%, 05/15/2030	800,000	837,343
Flowserve Corp.		
3.500%, 10/01/2030	236,000	243,809
Fortive Corp.		
3.150%, 06/15/2026	700,000	741,524
Garda World Security Corp.		
6.000%, 06/01/2029 (D)	186,000	177,630
GATX Corp.		
3.850%, 03/30/2027	800,000	863,100
GFL Environmental, Inc.		
3.500%, 09/01/2028 (D)	355,000	349,675
4.375%, 08/15/2029 (D)	229,000	226,853
4.750%, 06/15/2029 (D)	154,000	155,348
Global Infrastructure Solutions, Inc.		
5.625%, 06/01/2029 (D)	247,000	253,175
Graphic Packaging International LLC		
3.500%, 03/01/2029 (D)	267,000	264,998
H&E Equipment Services, Inc.		
3.875%, 12/15/2028 (D)	327,000	324,548
Hillenbrand, Inc.		
3.750%, 03/01/2031	201,000	201,503

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
Huntington Ingalls Industries, Inc. 3.844%, 05/01/2025	\$ 450,000	\$ 475,907
4.200%, 05/01/2030	1,379,000	1,535,939
IDEX Corp. 3.000%, 05/01/2030	1,000,000	1,039,120
IHS Markit, Ltd. 4.000%, 03/01/2026 (D)	288,000	311,233
4.750%, 08/01/2028	213,000	246,814
JB Hunt Transport Services, Inc. 3.850%, 03/15/2024	700,000	732,662
JB Poindexter & Company, Inc. 7.125%, 04/15/2026 (D)	132,000	138,114
JetBlue 2019-1 Class AA Pass Through Trust 2.750%, 05/15/2032	278,054	279,953
Kansas City Southern 2.875%, 11/15/2029	500,000	517,782
Kratos Defense & Security Solutions, Inc. 6.500%, 11/30/2025 (D)	201,000	206,528
Legends Hospitality Holding Company LLC 5.000%, 02/01/2026 (D)	66,000	66,330
Lennox International, Inc. 3.000%, 11/15/2023	800,000	822,724
Masco Corp. 2.000%, 10/01/2030	412,000	395,515
MasTec, Inc. 4.500%, 08/15/2028 (D)	191,000	198,401
Owens Corning 3.950%, 08/15/2029	321,000	351,677
Picasso Finance Sub, Inc. 6.125%, 06/15/2025 (D)	30,000	31,350
Prime Security Services Borrower LLC 3.375%, 08/31/2027 (D)	62,000	59,854
6.250%, 01/15/2028 (D)	218,000	227,265
Quanta Services, Inc. 0.950%, 10/01/2024	203,000	200,797
Southwest Airlines Company 5.250%, 05/04/2025	800,000	888,546
The Boeing Company 3.200%, 03/01/2029	388,000	399,323
5.040%, 05/01/2027	610,000	686,857
5.150%, 05/01/2030	412,000	480,022
5.805%, 05/01/2050	720,000	974,971
The Hertz Corp. 4.625%, 12/01/2026 (D)	32,000	32,200
5.000%, 12/01/2029 (D)	71,000	71,061
TransDigm, Inc. 5.500%, 11/15/2027	688,000	708,640
TriNet Group, Inc. 3.500%, 03/01/2029 (D)	211,000	210,209
TTX Company 4.200%, 07/01/2046 (D)	700,000	843,756
Tutor Perini Corp. 6.875%, 05/01/2025 (D)	300,000	302,334
Uber Technologies, Inc. 4.500%, 08/15/2029 (D)	466,000	474,546
7.500%, 05/15/2025 to 09/15/2027 (D)	707,000	760,558
Union Pacific Corp. 4.163%, 07/15/2022	1,137,000	1,148,176
United Airlines 2014-2 Class A Pass Through Trust 3.750%, 09/03/2026	464,671	483,781

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
United Airlines 2014-2 Class B Pass Through Trust 4.625%, 09/03/2022	\$ 126,733	\$ 128,156
United Airlines 2016-1 Class A Pass Through Trust 3.450%, 07/07/2028	392,892	392,715
United Airlines 2016-1 Class B Pass Through Trust 3.650%, 01/07/2026	411,736	406,550
United Airlines 2018-1 Class B Pass Through Trust 4.600%, 03/01/2026	117,227	116,871
United Airlines 2019-1 Class A Pass Through Trust 4.550%, 08/25/2031	205,063	220,441
United Airlines 2020-1 Class A Pass Through Trust 5.875%, 10/15/2027	783,161	855,496
United Airlines 2020-1 Class B Pass Through Trust 4.875%, 01/15/2026	193,968	201,255
United Airlines, Inc. 4.375%, 04/15/2026 (D)	31,000	32,325
4.625%, 04/15/2029 (D)	70,000	72,188
United Rentals North America, Inc. 3.875%, 11/15/2027 to 02/15/2031	390,000	400,994
4.875%, 01/15/2028	373,000	391,976
US Airways 2010-1 Class A Pass Through Trust 6.250%, 04/22/2023	74,090	75,518
US Airways 2011-1 Class A Pass Through Trust 7.125%, 10/22/2023	186,100	196,045
US Airways 2012-2 Class A Pass Through Trust 4.625%, 06/03/2025	169,144	167,449
Verisk Analytics, Inc. 4.125%, 03/15/2029	400,000	445,984
Vertiv Group Corp. 4.125%, 11/15/2028 (D)	305,000	308,050
Wabtec Corp. 3.200%, 06/15/2025	500,000	520,370
Watco Companies LLC 6.500%, 06/15/2027 (D)	52,000	54,080
Williams Scotsman International, Inc. 4.625%, 08/15/2028 (D)	72,000	74,340
		43,073,949
Information technology – 3.7%		
Atento Luxco 1 SA 8.000%, 02/10/2026 (D)	135,000	143,861
Autodesk, Inc. 2.850%, 01/15/2030	204,000	210,552
Block, Inc. 2.750%, 06/01/2026 (D)	92,000	92,109
3.500%, 06/01/2031 (D)	126,000	129,150
Broadcom, Inc. 2.450%, 02/15/2031 (D)	1,000,000	980,513
3.137%, 11/15/2035 (D)	779,000	783,642
3.419%, 04/15/2033 (D)	645,000	676,155
3.469%, 04/15/2034 (D)	421,000	440,648
4.750%, 04/15/2029	1,536,000	1,748,431
5.000%, 04/15/2030	644,000	749,760
CDW LLC 3.250%, 02/15/2029	149,000	150,331
3.569%, 12/01/2031	463,000	481,698

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
CGI, Inc.		
1.450%, 09/14/2026 (D)	\$ 377,000	\$ 368,652
Clarivate Science Holdings Corp.		
3.875%, 07/01/2028 (D)	96,000	96,480
4.875%, 07/01/2029 (D)	98,000	99,384
Consensus Cloud Solutions, Inc.		
6.500%, 10/15/2028 (D)(E)	255,000	266,475
CrowdStrike Holdings, Inc.		
3.000%, 02/15/2029	56,000	55,300
Dell International LLC		
3.450%, 12/15/2051 (D)	714,000	685,515
4.900%, 10/01/2026	574,000	646,510
5.300%, 10/01/2029	1,239,000	1,452,348
5.850%, 07/15/2025	196,000	222,155
8.350%, 07/15/2046	90,000	149,626
Fiserv, Inc.		
2.250%, 06/01/2027	400,000	406,957
3.850%, 06/01/2025	614,000	655,714
Fortinet, Inc.		
2.200%, 03/15/2031	1,000,000	978,656
Gartner, Inc.		
3.625%, 06/15/2029 (D)	116,000	117,282
3.750%, 10/01/2030 (D)	72,000	73,613
4.500%, 07/01/2028 (D)	374,000	390,600
Infor, Inc.		
1.750%, 07/15/2025 (D)	151,000	149,864
Jabil, Inc.		
3.600%, 01/15/2030	180,000	193,560
KLA Corp.		
4.100%, 03/15/2029	340,000	383,786
Marvell Technology, Inc.		
2.450%, 04/15/2028	520,000	527,392
Micron Technology, Inc.		
4.185%, 02/15/2027	1,038,000	1,136,724
4.663%, 02/15/2030	1,000,000	1,152,480
4.975%, 02/06/2026	190,000	210,957
5.327%, 02/06/2029	1,673,000	1,981,585
Motorola Solutions, Inc.		
2.300%, 11/15/2030	531,000	512,993
2.750%, 05/24/2031	464,000	464,836
4.600%, 05/23/2029	150,000	171,376
NXP BV		
3.250%, 05/11/2041 (D)	178,000	183,974
3.875%, 06/18/2026 (D)	562,000	606,534
Oracle Corp.		
2.950%, 04/01/2030	858,000	867,752
PayPal Holdings, Inc.		
2.300%, 06/01/2030	400,000	406,261
2.850%, 10/01/2029	1,753,000	1,844,914
PTC, Inc.		
4.000%, 02/15/2028 (D)	76,000	77,330
Qorvo, Inc.		
1.750%, 12/15/2024 (D)	281,000	281,181
3.375%, 04/01/2031 (D)	247,000	251,431
QUALCOMM, Inc.		
1.650%, 05/20/2032	566,000	535,228
Renesas Electronics Corp.		
1.543%, 11/26/2024 (D)	315,000	312,772
Sabre GBLB, Inc.		
7.375%, 09/01/2025 (D)	209,000	218,405
VeriSign, Inc.		
2.700%, 06/15/2031	256,000	257,280
5.250%, 04/01/2025	160,000	176,400
Visa, Inc.		
2.050%, 04/15/2030	400,000	405,162

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Xerox Holdings Corp.		
5.500%, 08/15/2028 (D)	\$ 332,000	\$ 349,845
Ziff Davis, Inc.		
4.625%, 10/15/2030 (D)	200,000	205,128
		27,117,267
Materials – 1.7%		
Amcor Flexibles North America, Inc.		
3.100%, 09/15/2026	500,000	518,497
Anglo American Capital PLC		
4.750%, 04/10/2027 (D)	215,000	239,111
Arconic Corp.		
6.000%, 05/15/2025 (D)	117,000	122,265
6.125%, 02/15/2028 (D)	168,000	178,786
Braskem Idesa SAPI		
6.990%, 02/20/2032 (D)	201,000	201,756
Braskem Netherlands Finance BV		
5.875%, 01/31/2050 (D)	240,000	276,600
Braskem Netherlands Finance BV (8.500% to 10-24-25, then 5 Year CMT + 8.220%) 01/23/2081 (D)	364,000	423,154
Cemex SAB de CV		
3.875%, 07/11/2031 (D)	297,000	295,910
5.200%, 09/17/2030 (D)	329,000	353,264
CF Industries, Inc.		
4.950%, 06/01/2043	175,000	211,250
Commercial Metals Company		
5.375%, 07/15/2027	122,000	126,880
CVR Partners LP		
6.125%, 06/15/2028 (D)	110,000	116,050
First Quantum Minerals, Ltd.		
6.875%, 03/01/2026 to 10/15/2027 (D)	404,000	428,242
7.500%, 04/01/2025 (D)	226,000	232,486
FMG Resources August 2006 Proprietary, Ltd.		
4.375%, 04/01/2031 (D)	177,000	185,850
Freeport-McMoRan, Inc.		
4.625%, 08/01/2030	297,000	318,533
5.450%, 03/15/2043	764,000	960,417
FS Luxembourg Sarl		
10.000%, 12/15/2025 (D)	347,000	380,402
Glencore Funding LLC		
2.625%, 09/23/2031 (D)	500,000	485,935
Graham Packaging Company, Inc.		
7.125%, 08/15/2028 (D)	24,000	24,842
Hudbay Minerals, Inc.		
4.500%, 04/01/2026 (D)	66,000	66,000
Huntsman International LLC		
4.500%, 05/01/2029	500,000	552,692
JW Aluminum Continuous Cast Company		
10.250%, 06/01/2026 (D)	135,000	142,256
LSB Industries, Inc.		
6.250%, 10/15/2028 (D)	84,000	87,360
Mauser Packaging Solutions Holding Company		
8.500%, 04/15/2024 (D)	54,000	55,755
Methanex Corp.		
4.250%, 12/01/2024	293,000	306,610
5.650%, 12/01/2044	450,000	450,252
Newmont Corp.		
2.800%, 10/01/2029	223,000	229,287
Novelis Corp.		
4.750%, 01/30/2030 (D)	410,000	431,013
Orbia Advance Corp. SAB de CV		
5.500%, 01/15/2048 (D)	315,000	367,766

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Materials (continued)		
Owens-Brockway Glass Container, Inc. 6.625%, 05/13/2027 (D)	\$ 173,000	\$ 182,515
Pactiv Evergreen Group Issuer LLC 4.000%, 10/15/2027 (D)	362,000	352,045
4.375%, 10/15/2028 (D)	174,000	172,695
Sasol Financing USA LLC 5.500%, 03/18/2031	425,000	428,613
Standard Industries, Inc. 3.375%, 01/15/2031 (D)	142,000	136,787
4.375%, 07/15/2030 (D)	106,000	108,174
5.000%, 02/15/2027 (D)	73,000	75,146
The Mosaic Company 4.250%, 11/15/2023	600,000	631,086
Trident TPI Holdings, Inc. 6.625%, 11/01/2025 (D)	35,000	35,088
Trinseo Materials Operating SCA 5.125%, 04/01/2029 (D)	211,000	215,220
Tronox, Inc. 4.625%, 03/15/2029 (D)	242,000	241,698
Valvoline, Inc. 3.625%, 06/15/2031 (D)	302,000	292,427
Volcan Cia Minera SAA 4.375%, 02/11/2026 (D)	69,000	66,499
Vulcan Materials Company 3.500%, 06/01/2030	338,000	365,074
WR Grace Holdings LLC 4.875%, 06/15/2027 (D)	143,000	146,880
5.625%, 08/15/2029 (D)	133,000	136,159
		12,355,327
Real estate – 3.0%		
American Homes 4 Rent LP 4.250%, 02/15/2028	203,000	224,884
American Tower Corp. 3.550%, 07/15/2027	662,000	707,133
3.800%, 08/15/2029	225,000	244,779
5.000%, 02/15/2024	670,000	720,911
Columbia Property Trust Operating Partnership LP 4.150%, 04/01/2025	600,000	650,586
Crown Castle International Corp. 3.300%, 07/01/2030	532,000	561,157
3.650%, 09/01/2027	495,000	531,762
3.700%, 06/15/2026	500,000	535,850
3.800%, 02/15/2028	225,000	244,821
4.150%, 07/01/2050	400,000	449,808
CubeSmart LP 4.375%, 02/15/2029	600,000	677,680
CyrusOne LP 2.150%, 11/01/2030	190,000	188,018
3.450%, 11/15/2029	344,000	373,106
EPR Properties 4.950%, 04/15/2028	350,000	377,663
Equinix, Inc. 1.550%, 03/15/2028	444,000	427,062
1.800%, 07/15/2027	255,000	250,852
2.500%, 05/15/2031	693,000	692,519
2.900%, 11/18/2026	1,000,000	1,035,960
3.200%, 11/18/2029	509,000	535,004
ERP Operating LP 3.375%, 06/01/2025	300,000	317,642
Essex Portfolio LP 3.625%, 05/01/2027	500,000	538,196
Extra Space Storage LP 2.350%, 03/15/2032	500,000	486,043

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate (continued)		
GLP Capital LP 3.250%, 01/15/2032	\$ 521,000	\$ 523,808
5.375%, 04/15/2026	347,000	386,409
Healthcare Trust of America Holdings LP 3.500%, 08/01/2026	500,000	532,980
3.750%, 07/01/2027	600,000	651,014
Host Hotels & Resorts LP 3.375%, 12/15/2029	505,000	514,708
3.500%, 09/15/2030	347,000	356,209
4.500%, 02/01/2026	214,000	230,564
Iron Mountain Information Management Services, Inc. 5.000%, 07/15/2032 (D)	230,000	235,398
Iron Mountain, Inc. 4.875%, 09/15/2029 (D)	195,000	201,821
5.250%, 07/15/2030 (D)	261,000	275,047
Kimco Realty Corp. 3.375%, 10/15/2022	1,050,000	1,063,548
MGM Growth Properties Operating Partnership LP 3.875%, 02/15/2029 (D)	207,000	217,350
Mid-America Apartments LP 3.950%, 03/15/2029	700,000	781,458
Piedmont Operating Partnership LP 4.450%, 03/15/2024	500,000	527,092
RHP Hotel Properties LP 4.500%, 02/15/2029 (D)	341,000	341,000
RLJ Lodging Trust LP 3.750%, 07/01/2026 (D)	149,000	149,820
SBA Communications Corp. 3.875%, 02/15/2027	356,000	366,680
SBA Tower Trust 2.836%, 01/15/2025 (D)	416,000	426,782
SL Green Operating Partnership LP 3.250%, 10/15/2022	500,000	508,144
STORE Capital Corp. 2.750%, 11/18/2030	500,000	495,841
Uniti Group LP 6.500%, 02/15/2029 (D)	141,000	140,516
Ventas Realty LP 4.750%, 11/15/2030 (E)	1,000,000	1,164,674
VICI Properties LP 4.125%, 08/15/2030 (D)	212,000	224,190
4.625%, 12/01/2029 (D)	260,000	276,699
Welltower, Inc. 2.700%, 02/15/2027	400,000	416,721
XHR LP 4.875%, 06/01/2029 (D)	107,000	108,873
		21,888,782
Utilities – 2.0%		
ABY Transmission Sur SA 6.875%, 04/30/2043 (D)	210,408	271,689
AES Panama Generation Holdings SRL 4.375%, 05/31/2030 (D)	303,000	315,502
Ameren Corp. 3.500%, 01/15/2031	1,000,000	1,078,678
AmeriGas Partners LP 5.500%, 05/20/2025	275,000	294,594
Arizona Public Service Company 5.500%, 09/01/2035	1,118,000	1,390,539
CenterPoint Energy Houston Electric LLC 6.950%, 03/15/2033	535,000	743,140

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
Consolidated Edison Company of New York, Inc.		
3.350%, 04/01/2030	\$ 500,000	\$ 537,704
3.950%, 04/01/2050	500,000	571,199
Dominion Energy, Inc.		
3.375%, 04/01/2030	662,000	702,523
3.600%, 03/15/2027	500,000	538,275
DPL, Inc.		
4.125%, 07/01/2025	249,000	260,302
Edison International		
3.550%, 11/15/2024	700,000	732,153
Emera US Finance LP		
3.550%, 06/15/2026	248,000	263,773
FirstEnergy Corp.		
2.650%, 03/01/2030	254,000	250,825
Instituto Costarricense de Electricidad		
6.375%, 05/15/2043 (D)	210,000	177,975
Israel Electric Corp., Ltd.		
6.875%, 06/21/2023 (D)	95,000	102,828
NextEra Energy Capital Holdings, Inc.		
3.550%, 05/01/2027	677,000	733,392
NextEra Energy Operating Partners LP		
3.875%, 10/15/2026 (D)	243,000	257,337
4.500%, 09/15/2027 (D)	201,000	217,080
NiSource, Inc.		
3.600%, 05/01/2030	230,000	247,899
NRG Energy, Inc.		
2.450%, 12/02/2027 (D)	374,000	370,581
3.375%, 02/15/2029 (D)	62,000	60,754
3.625%, 02/15/2031 (D)	175,000	170,625
3.875%, 02/15/2032 (D)	371,000	363,580
4.450%, 06/15/2029 (D)	257,000	279,572
Oncor Electric Delivery Company LLC		
4.100%, 06/01/2022	750,000	754,414
Southern California Edison Company		
3.700%, 08/01/2025	1,000,000	1,067,705
Suburban Propane Partners LP		
5.000%, 06/01/2031 (D)	176,000	177,980
Vistra Operations Company LLC		
3.700%, 01/30/2027 (D)	624,000	647,033
4.300%, 07/15/2029 (D)	475,000	507,959
		14,087,610
TOTAL CORPORATE BONDS (Cost \$320,826,911)		\$ 343,207,981
CAPITAL PREFERRED SECURITIES – 0.2%		
Financials – 0.2%		
Truist Bank (Greater of 3 month LIBOR + 0.645% or 4.000%) 4.000%, 12/15/2024 (A)(F)	425,000	415,438
USB Capital IX (Greater of 3 month LIBOR + 1.020% or 3.500%) 3.500%, 01/31/2022 (A)(F)	1,045,000	1,006,370
		1,421,808
TOTAL CAPITAL PREFERRED SECURITIES (Cost \$1,389,677)		\$ 1,421,808
MUNICIPAL BONDS – 0.7%		
Foothill-Eastern Transportation Corridor Agency (California)		
4.094%, 01/15/2049	1,000,000	1,074,864
Golden State Tobacco Securitization Corp. (California)		
4.214%, 06/01/2050	231,000	230,988

Active Bond Trust (continued)

	Shares or Principal Amount	Value
MUNICIPAL BONDS (continued)		
New Jersey Transportation Trust Fund Authority		
4.081%, 06/15/2039	\$ 393,000	\$ 435,709
4.131%, 06/15/2042	40,000	44,791
Sales Tax Securitization Corp. (Illinois)		
4.637%, 01/01/2040	465,000	559,373
State Board of Administration Finance Corp. (Florida)		
1.705%, 07/01/2027	586,000	584,536
State of Connecticut, GO		
2.677%, 07/01/2030	250,000	262,068
The School District of Philadelphia (Pennsylvania), GO		
5.995%, 09/01/2030	315,000	393,336
6.765%, 06/01/2040	1,010,000	1,410,820
TOTAL MUNICIPAL BONDS (Cost \$4,623,167)		\$ 4,996,485
TERM LOANS (G) – 0.2%		
Communication services – 0.0%		
AP Core Holdings II LLC, High-Yield Term Loan B2 (1 month LIBOR + 5.500%) 6.250%, 09/01/2027	93,000	93,077
Consumer discretionary – 0.1%		
Carnival Corp., 2021 Incremental Term Loan B (6 month LIBOR + 3.250%) 4.000%, 10/18/2028	392,000	388,080
Health care – 0.0%		
TTF Holdings LLC, Term Loan 03/31/2028 TBD (H)	41,888	41,888
Industrials – 0.1%		
CoreLogic, Inc., Term Loan (1 month LIBOR + 3.500%) 4.000%, 06/02/2028	578,281	577,124
Information technology – 0.0%		
MKS Instruments, Inc., 2021 USD Term Loan 10/21/2028 TBD (H)	281,000	280,227
Materials – 0.0%		
Mauser Packaging Solutions Holding Company, 2017 Term Loan B 04/03/2024 TBD (H)	163,572	161,234
TOTAL TERM LOANS (Cost \$1,543,345)		\$ 1,541,630
COLLATERALIZED MORTGAGE OBLIGATIONS – 7.7%		
Commercial and residential – 5.6%		
Angel Oak Mortgage Trust LLC		
Series 2021-2, Class A1, 0.985%, 04/25/2066 (D)(I)	182,135	180,015
Series 2021-4, Class A1, 1.035%, 01/20/2065 (D)(I)	385,332	380,238
Series 2021-5, Class A1, 0.951%, 07/25/2066 (D)(I)	455,918	449,486
Arbor Multifamily Mortgage Securities Trust		
Series 2020-MF1, Class XA IO 0.966%, 05/15/2053 (D)	4,342,965	290,312
Arroyo Mortgage Trust		
Series 2021-1R, Class A1 1.175%, 10/25/2048 (D)(I)	294,708	293,004
BAMLL Commercial Mortgage Securities Trust		
Series 2019-BPR, Class ENM 3.719%, 11/05/2032 (D)(I)	231,000	215,722
BAMLL Re-REMIC Trust		
Series 2014-FRR4, Class BK23 2.431%, 09/27/2022 (D)(J)	500,000	491,075

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
BANK		
Series 2019-BN20, Class ASB, 2.933%, 09/15/2062	\$ 400,000	\$ 421,501
Series 2021-BN34, Class XA IO, 0.979%, 06/15/2063	12,774,105	932,345
BBCMS Mortgage Trust		
Series 2020-C6, Class A2 2.690%, 02/15/2053	206,000	210,924
BBCMS Trust		
Series 2015-MSQ, Class D, 3.990%, 09/15/2032 (D)(I)	140,000	140,419
Series 2015-SRCH, Class D, 4.957%, 08/10/2035 (D)(I)	264,000	287,630
Bear Stearns Asset Backed Securities Trust		
Series 2003-AC4, Class A 5.500%, 09/25/2033	314,999	322,966
Benchmark Mortgage Trust		
Series 2019-B12, Class A2, 3.001%, 08/15/2052	410,000	422,221
Series 2019-B15, Class XA IO, 0.824%, 12/15/2072	9,909,944	517,126
BRAVO Residential Funding Trust		
Series 2021-NQM1, Class A1 0.941%, 02/25/2049 (D)(I)	176,491	175,087
BWAY Mortgage Trust		
Series 2015-1740, Class XA IO 0.896%, 01/10/2035 (D)	3,705,000	1,679
BX Commercial Mortgage Trust		
Series 2018-BIOA, Class D (1 month LIBOR + 1.321%), 1.431%, 03/15/2037 (A)(D)	330,052	328,701
Series 2020-VKNG, Class A (1 month LIBOR + 0.930%), 1.040%, 10/15/2037 (A)(D)	371,737	371,737
Series 2021-ACNT, Class A (1 month LIBOR + 0.850%), 0.960%, 11/15/2026 (A)(D)	243,000	242,657
Series 2021-VOLT, Class C (1 month LIBOR + 1.100%), 1.210%, 09/15/2036 (A)(D)	393,000	390,563
CAMB Commercial Mortgage Trust		
Series 2019-LIFE, Class D (1 month LIBOR + 1.750%), 1.860%, 12/15/2037 (A)(D)	121,000	120,889
Series 2019-LIFE, Class F (1 month LIBOR + 2.550%), 2.660%, 12/15/2037 (A)(D)	192,000	191,576
CD Mortgage Trust		
Series 2017-CD3, Class A4 3.631%, 02/10/2050	800,000	860,896
CFCRE Commercial Mortgage Trust		
Series 2017-C8, Class C 4.905%, 06/15/2050 (I)	500,000	529,034
CHL Mortgage Pass-Through Trust		
Series 2004-HYB2, Class 4A 2.421%, 07/20/2034 (I)	471,611	478,233
Citigroup Commercial Mortgage Trust		
Series 2018-C5, Class A3, 3.963%, 06/10/2051	551,837	591,521
Series 2018-C5, Class XA IO, 0.536%, 06/10/2051	15,299,674	556,403

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Citigroup Commercial Mortgage Trust (continued)		
Series 2019-C7, Class XA IO, 0.874%, 12/15/2072	\$ 15,885,906	\$ 923,800
Series 2019-PRM, Class A, 3.341%, 05/10/2036 (D)	310,000	321,363
Series 2019-SMRT, Class A, 4.149%, 01/10/2036 (D)	162,000	169,849
Cold Storage Trust		
Series 2020-ICE5, Class D (1 month LIBOR + 2.100%), 2.210%, 11/15/2037 (A)(D)	491,495	490,768
COLT Mortgage Loan Trust		
Series 2021-2, Class A1, 0.924%, 08/25/2066 (D)(I)	341,460	336,624
Series 2021-3, Class A1, 0.956%, 09/27/2066 (D)(I)	463,117	455,764
Series 2021-HX1, Class A1, 1.110%, 10/25/2066 (D)(I)	396,150	390,737
COLT Trust		
Series 2020-RPL1, Class A1 1.390%, 01/25/2065 (D)(I)	599,119	590,234
Commercial Mortgage Trust (Bank of America Merrill Lynch/Deutsche Bank AG)		
Series 2013-WWP, Class A2 3.424%, 03/10/2031 (D)	1,400,000	1,435,080
Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG)		
Series 2012-CR2, Class XA IO, 1.609%, 08/15/2045	8,833,293	14,299
Series 2012-CR3, Class XA IO, 1.832%, 10/15/2045	8,836,276	53,385
Series 2013-CR8, Class A5, 3.612%, 06/10/2046 (I)	400,000	411,663
Series 2013-CR8, Class AM, 3.791%, 06/10/2046 (D)(I)	1,000,000	1,031,021
Series 2014-CR15, Class C, 4.691%, 02/10/2047 (I)	800,000	838,531
Series 2014-CR15, Class XA IO, 0.653%, 02/10/2047	4,749,162	61,434
Series 2014-CR16, Class C, 4.919%, 04/10/2047 (I)	400,000	414,217
Series 2015-CR27, Class A4, 3.612%, 10/10/2048	1,000,000	1,065,826
Commercial Mortgage Trust (Citigroup/Deutsche Bank AG)		
Series 2018-COR3, Class XA IO 0.439%, 05/10/2051	5,012,535	126,008
Commercial Mortgage Trust (Deutsche Bank AG)		
Series 2012-LC4, Class XA IO, 1.759%, 12/10/2044 (D)	1,169,385	12
Series 2013-300P, Class D, 4.394%, 08/10/2030 (D)(I)	307,000	309,476
Series 2013-300P, Class E, 4.394%, 08/10/2030 (D)(I)	700,000	698,674
Series 2017-PANW, Class A, 3.244%, 10/10/2029 (D)	89,000	90,733
Series 2020-CBM, Class A2, 2.896%, 02/10/2037 (D)	279,000	281,930

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Commercial Mortgage Trust (Deutsche Bank AG/UBS AG) Series 2014-UBS2, Class XA IO 1.117%, 03/10/2047	\$ 3,473,651	\$ 67,147
Credit Suisse Mortgage Capital Certificates Series 2019-ICE4, Class D (1 month LIBOR + 1.600%), 1.710%, 05/15/2036 (A)(D)	460,000	458,269
Series 2020-NET, Class A, 2.257%, 08/15/2037 (D)	106,000	106,841
Series 2021-NQM2, Class A1, 1.179%, 02/25/2066 (D)(I)	309,663	306,567
Series 2021-NQM3, Class A1, 1.015%, 04/25/2066 (D)(I)	249,601	245,399
Series 2021-NQM5, Class A1, 0.938%, 05/25/2066 (D)(I)	242,894	238,863
Series 2021-NQM6, Class A1, 1.174%, 07/25/2066 (D)(I)	397,883	393,213
CSAIL Commercial Mortgage Trust Series 2019-C17, Class A4, 2.763%, 09/15/2052	425,000	441,142
Series 2019-C18, Class E, 2.500%, 12/15/2052 (D)	265,000	228,703
DSLA Mortgage Loan Trust Series 2004-AR3, Class 2A2B (1 month LIBOR + 0.900%) 1.004%, 07/19/2044 (A)	366,362	350,151
Ellington Financial Mortgage Trust Series 2021-1, Class A1, 0.797%, 02/25/2066 (D)(I)	145,429	144,113
Series 2021-2, Class A1, 0.931%, 06/25/2066 (D)(I)	271,187	266,002
Flagstar Mortgage Trust Series 2021-1, Class A2 2.500%, 02/01/2051 (D)(I)	520,445	520,763
FREMF Mortgage Trust Series 2016-K54, Class C, 4.051%, 04/25/2048 (D)(I)	290,000	304,641
Series 2016-K56, Class B, 3.941%, 06/25/2049 (D)(I)	1,085,000	1,166,763
Series 2017-K67, Class B, 3.945%, 09/25/2049 (D)(I)	485,000	523,571
Series 2018-K730, Class B, 3.796%, 02/25/2050 (D)(I)	300,000	315,322
Series 2019-KF69, Class B (1 month LIBOR + 2.300%), 2.394%, 08/25/2029 (A)(D)	207,490	208,961
GCAT Trust Series 2021-NQM1, Class A1, 0.874%, 01/25/2066 (D)(I)	275,906	273,111
Series 2021-NQM2, Class A1, 1.036%, 05/25/2066 (D)(I)	212,638	211,290
Series 2021-NQM3, Class A1, 1.091%, 05/25/2066 (D)(I)	351,736	348,123
GS Mortgage Securities Trust Series 2013-GC10, Class C, 4.285%, 02/10/2046 (D)(I)	859,800	874,976
Series 2015-590M, Class C, 3.805%, 10/10/2035 (D)(I)	150,000	154,503
Series 2017-485L, Class C, 3.982%, 02/10/2037 (D)(I)	85,000	88,197

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
GS Mortgage Securities Trust (continued) Series 2020-UPTN, Class A, 2.751%, 02/10/2037 (D)	\$ 256,000	\$ 261,423
GS Mortgage-Backed Securities Trust Series 2021-NQM1, Class A1 1.017%, 07/25/2061 (D)(I)	180,549	178,933
HarborView Mortgage Loan Trust Series 2007-3, Class ES IO, 0.350%, 05/19/2047 (D)	8,683,248	90,621
Series 2007-4, Class ES IO, 0.350%, 07/19/2047	9,236,768	123,075
Series 2007-6, Class ES IO, 0.343%, 08/19/2037 (D)	9,243,817	130,990
Hilton Orlando Trust Series 2018-ORL, Class B (1 month LIBOR + 1.200%) 1.310%, 12/15/2034 (A)(D)	1,000,000	993,090
Imperial Fund Mortgage Trust Series 2021-NQM1, Class A1 1.071%, 06/25/2056 (D)(I)	213,650	210,509
IMT Trust Series 2017-APTS, Class AFX, 3.478%, 06/15/2034 (D)	107,000	111,036
Series 2017-APTS, Class CFX, 3.497%, 06/15/2034 (D)(I)	123,000	125,770
Irvine Core Office Trust Series 2013-IRV, Class A2, 3.173%, 05/15/2048 (D)(I)	255,000	261,241
Series 2013-IRV, Class XA IO, 1.105%, 05/15/2048 (D)	3,541,991	25,940
JPMBB Commercial Mortgage Securities Trust Series 2013-C14, Class XA IO 0.380%, 08/15/2046	4,423,679	21,949
JPMorgan Chase Commercial Mortgage Securities Trust Series 2012-HSBC, Class XA IO, 1.431%, 07/05/2032 (D)	9,613,177	35,217
Series 2020-NNN, Class AFX, 2.812%, 01/16/2037 (D)	258,000	262,606
KNDL Mortgage Trust Series 2019-KNSQ, Class D (1 month LIBOR + 1.350%) 1.460%, 05/15/2036 (A)(D)	187,000	186,416
Life Mortgage Trust Series 2021-BMR, Class A (1 month LIBOR + 0.700%), 0.810%, 03/15/2038 (A)(D)	346,000	345,248
Series 2021-BMR, Class D (1 month LIBOR + 1.400%), 1.510%, 03/15/2038 (A)(D)	270,000	267,289
Series 2021-BMR, Class E (1 month LIBOR + 1.750%), 1.860%, 03/15/2038 (A)(D)	1,000,000	989,963
MASTR Adjustable Rate Mortgages Trust Series 2004-13, Class 2A1, 2.620%, 04/21/2034 (I)	71,791	72,074
Series 2004-8, Class 5A1, 2.276%, 08/25/2034 (I)	85,362	85,926
MASTR Alternative Loan Trust Series 2004-4, Class 8A1 6.500%, 05/25/2034	193,282	202,268

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Merrill Lynch Mortgage Investors Trust Series 2005-A, Class A1 (1 month LIBOR + 0.460%) 0.562%, 03/25/2030 (A)	\$ 15,869	\$ 15,405
Merrill Lynch Mortgage Trust Series 2008-C1, Class X IO 0.000%, 02/12/2051 (D)	2,636,866	26
MFA Trust Series 2020-NQM3, Class A1, 1.014%, 01/26/2065 (D)(I)	164,832	163,953
Series 2021-NQM1, Class A1, 1.153%, 04/25/2065 (D)(I)	229,510	228,180
Morgan Stanley Bank of America Merrill Lynch Trust Series 2012-C5, Class XA IO, 1.336%, 08/15/2045 (D)	8,374,109	20,660
Series 2012-C6, Class XA IO, 1.583%, 11/15/2045 (D)	5,244,503	19,644
Series 2013-C7, Class XA IO, 1.279%, 02/15/2046	9,665,812	87,032
Series 2014-C17, Class XA IO, 1.055%, 08/15/2047	9,663,646	172,066
Morgan Stanley Capital I Trust Series 2017-CLS, Class D (1 month LIBOR + 1.400%), 1.510%, 11/15/2034 (A)(D)	298,000	297,532
Series 2019-L3, Class XA IO, 0.641%, 11/15/2052	21,416,565	935,593
Natixis Commercial Mortgage Securities Trust Series 2018-285M, Class D, 3.790%, 11/15/2032 (D)(I)	135,000	135,704
Series 2018-ALXA, Class C, 4.316%, 01/15/2043 (D)(I)	98,000	102,615
OBX Trust Series 2020-EXP2, Class A3, 2.500%, 05/25/2060 (D)(I)	161,707	162,117
Series 2021-NQM2, Class A1, 1.101%, 05/25/2061 (D)(I)	377,805	374,606
Series 2021-NQM3, Class A1, 1.054%, 07/25/2061 (D)(I)	430,019	424,217
One Market Plaza Trust Series 2017-1MKT, Class D 4.146%, 02/10/2032 (D)	90,000	89,873
Provident Funding Mortgage Trust Series 2020-F1, Class A2 2.000%, 01/25/2036 (D)(I)	462,374	455,966
Sequoia Mortgage Trust Series 2005-3, Class A1 (1 month LIBOR + 0.400%) 0.504%, 05/20/2035 (A)	36,738	35,592
SLG Office Trust Series 2021-OVA, Class D 2.851%, 07/15/2041 (D)	352,000	342,029
Starwood Mortgage Residential Trust Series 2020-3, Class A1 1.486%, 04/25/2065 (D)(I)	129,916	129,948
Structured Asset Securities Corp. Series 1998-RF2, Class A 4.739%, 07/15/2027 (D)(I)	39,928	39,766

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
UBS-Barclays Commercial Mortgage Trust Series 2012-C2, Class XA IO 1.268%, 05/10/2063 (D)	\$ 5,675,102	\$ 13,756
Velocity Commercial Capital Loan Trust Series 2018-2, Class M1 4.260%, 10/26/2048 (D)(I)	252,193	261,307
Verus Securitization Trust Series 2020-5, Class A1, 1.218%, 05/25/2065 (D)	134,626	134,040
Series 2021-3, Class A1, 1.046%, 06/25/2066 (D)(I)	376,149	371,790
Series 2021-4, Class A1, 0.938%, 07/25/2066 (D)(I)	192,354	188,541
Series 2021-5, Class A1, 1.013%, 09/25/2066 (D)(I)	338,834	332,702
Series 2021-R1, Class A1, 0.820%, 10/25/2063 (D)(I)	230,215	229,073
Washington Mutual Mortgage Pass Through Certificates Series 2005-1, Class 6A1 6.500%, 03/25/2035	187,425	189,678
Wells Fargo Commercial Mortgage Trust Series 2019-C54, Class A3 2.892%, 12/15/2052	500,000	521,033
WF-RBS Commercial Mortgage Trust Series 2012-C10, Class XA IO, 1.483%, 12/15/2045 (D)	5,397,131	49,814
Series 2012-C9, Class XA IO, 1.851%, 11/15/2045 (D)	6,403,956	45,581
		<u>40,693,442</u>
U.S. Government Agency – 2.1%		
Federal Home Loan Mortgage Corp.		
Series 2021-HQA3, Class M2 (SOFR + 2.100%), 2.150%, 09/25/2041 (A)(D)	1,000,000	999,376
Series 290, Class IO, 3.500%, 11/15/2032	930,871	103,379
Series 3387, Class SB IO, 6.310%, 11/15/2037	875,425	136,792
Series 3632, Class AP, 3.000%, 02/15/2040	562,974	585,569
Series K018, Class X1 IO, 1.223%, 01/25/2022	298,857	1
Series K021, Class A2, 2.396%, 06/25/2022	973,276	978,691
Series K021, Class X1 IO, 1.376%, 06/25/2022	10,787,643	8,439
Series K022, Class X1 IO, 1.164%, 07/25/2022	2,299,292	9,224
Series K026, Class X1 IO, 0.934%, 11/25/2022	9,628,469	61,772
Series K109, Class X1 IO, 1.582%, 04/25/2030	3,124,210	351,097
Series KS01, Class X1 IO, 1.108%, 01/25/2023	4,374,887	14,568
Series T-41, Class 3A, 4.718%, 07/25/2032 (I)	44,332	48,447
Federal National Mortgage Association		
Series 2001-50, Class BA, 7.000%, 10/25/2041	5,613	6,301
Series 2002-W3, Class A5, 7.500%, 11/25/2041	51,691	61,582

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National		
Mortgage Association (continued)		
Series 2010-15, Class KA, 4.000%, 03/25/2039	\$ 9,452	\$ 9,456
Series 2011-41, Class KA, 4.000%, 01/25/2041	113,433	117,559
Series 2011-86, Class NA, 4.000%, 01/25/2041	60,884	61,331
Series 2012-137, Class WI IO, 3.500%, 12/25/2032	894,872	104,059
Series 2012-21, Class PA, 2.000%, 03/25/2041	954,674	969,173
Series 2012-38, Class PA, 2.000%, 09/25/2041	531,484	537,169
Series 2012-M5, Class X IO, 0.481%, 02/25/2022	236,337	2
Series 2015-C01, Class 1M2 (1 month LIBOR + 4.300%), 4.403%, 02/25/2025 (A)	83,518	85,152
Series 2015-C02, Class 2M2 (1 month LIBOR + 4.000%), 4.103%, 05/25/2025 (A)	2,874	2,882
Series 2015-C03, Class 2M2 (1 month LIBOR + 5.000%), 5.103%, 07/25/2025 (A)	14,218	14,265
Series 2016-M12, Class X2 IO, 0.054%, 09/25/2026	32,923,329	212,375
Series 2019-M25, Class X IO, 0.148%, 11/25/2029	34,782,448	582,696
Series 2019-M7, Class X IO, 0.336%, 04/25/2029	14,179,194	498,851
Series 2020-R02, Class 2M2 (1 month LIBOR + 2.000%), 2.103%, 01/25/2040 (A)(D)	262,711	263,370
Series 2021-31, Class IE IO, 3.940%, 03/25/2050	2,594,000	318,130
Series 2021-M8, Class X IO, 0.453%, 11/25/2035	11,883,016	450,755
Government National		
Mortgage Association		
Series 2008-90, Class IO, 2.008%, 12/16/2050	2,071,304	306,278
Series 2010-147, Class SA IO, 6.066%, 05/20/2040	498,478	32,845
Series 2010-85, Class SB IO, 6.493%, 03/16/2040	860,409	110,488
Series 2012-114, Class IO, 0.662%, 01/16/2053	383,743	8,110
Series 2012-120, Class IO, 0.666%, 02/16/2053	4,605,480	96,440
Series 2012-70, Class IO, 0.083%, 08/16/2052	1,023,465	2,108
Series 2015-41, Class IO, 0.319%, 09/16/2056	2,663,634	55,086
Series 2016-162, Class IO, 0.771%, 09/16/2058	4,165,646	178,148
Series 2016-174, Class IO, 0.868%, 11/16/2056	549,649	28,676
Series 2017-109, Class IO, 0.382%, 04/16/2057	788,579	22,597
Series 2017-124, Class IO, 0.670%, 01/16/2059	798,057	34,428
Series 2017-135, Class IO, 0.731%, 10/16/2058	1,075,225	51,614

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Government National		
Mortgage Association (continued)		
Series 2017-140, Class IO, 0.525%, 02/16/2059	\$ 426,198	\$ 18,198
Series 2017-159, Class IO, 0.469%, 06/16/2059	10,868,645	480,256
Series 2017-169, Class IO, 0.588%, 01/16/2060	1,980,071	88,220
Series 2017-20, Class IO, 0.649%, 12/16/2058	2,360,807	91,293
Series 2017-22, Class IO, 0.721%, 12/16/2057	246,272	11,508
Series 2017-23, Class IO, 0.627%, 05/16/2059	7,301,023	310,671
Series 2017-41, Class IO, 0.617%, 07/16/2058	981,563	38,213
Series 2017-46, Class IO, 0.630%, 11/16/2057	766,198	33,629
Series 2017-50, Class IO, 0.647%, 01/16/2057	10,696,876	469,328
Series 2017-53, Class IO, 0.548%, 11/16/2056	11,273,713	469,020
Series 2017-61, Class IO, 0.779%, 05/16/2059	397,326	19,346
Series 2018-158, Class IO, 0.755%, 05/16/2061	1,929,707	121,041
Series 2018-35, Class IO, 0.544%, 03/16/2060	1,660,196	78,662
Series 2018-43, Class IO, 0.514%, 05/16/2060	1,810,264	81,381
Series 2018-69, Class IO, 0.587%, 04/16/2060	471,473	26,907
Series 2018-81, Class IO, 0.471%, 01/16/2060	307,553	16,877
Series 2018-85, Class IO, 0.526%, 07/16/2060	6,187,098	333,824
Series 2018-9, Class IO, 0.497%, 01/16/2060	2,060,237	93,491
Series 2019-131, Class IO, 0.836%, 07/16/2061	1,445,845	90,612
Series 2020-100, Class IO, 0.838%, 05/16/2062	1,614,000	120,472
Series 2020-108, Class IO, 0.877%, 06/16/2062	3,647,708	266,084
Series 2020-114, Class IO, 0.814%, 09/16/2062	4,111,510	296,340
Series 2020-118, Class IO, 0.908%, 06/16/2062	2,806,109	214,453
Series 2020-119, Class IO, 0.679%, 08/16/2062	1,591,855	104,095
Series 2020-120, Class IO, 0.827%, 05/16/2062	850,481	63,647
Series 2020-137, Class IO, 0.802%, 09/16/2062	4,066,976	284,288
Series 2020-143, Class IB IO, 0.873%, 03/16/2062	4,750,148	341,013
Series 2020-150, Class IO, 0.976%, 12/16/2062	2,413,029	192,613
Series 2020-161, Class IA IO, 0.500%, 08/16/2062	18,173,534	485,084
Series 2020-170, Class IO, 0.877%, 11/16/2062	3,531,375	274,184
Series 2020-28, Class IO, 0.821%, 11/16/2061	5,543,536	388,300

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Government National Mortgage Association (continued)		
Series 2020-92, Class IO, 0.936%, 02/16/2062	\$ 3,593,973	\$ 275,414
Series 2021-11, Class IA IO, 0.250%, 12/16/2062	24,507,191	384,123
Series 2021-3, Class IO, 0.914%, 09/16/2062	4,035,755	315,461
Series 2021-40, Class IO, 0.842%, 02/16/2063	995,639	75,178
		15,472,507
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$61,842,283)		\$ 56,165,949
ASSET BACKED SECURITIES – 6.7%		
Aegis Asset Backed Securities Trust		
Series 2004-3, Class M1 (1 month LIBOR + 0.900%)		
1.002%, 09/25/2034 (A)	527,227	527,021
Aligned Data Centers Issuer LLC		
Series 2021-1A, Class A2		
1.937%, 08/15/2046 (D)	615,000	605,606
Amresco Residential Securities Corp.		
Mortgage Loan Trust		
Series 1998-1, Class A6		
6.510%, 08/25/2027 (I)	1	1
AMSR Trust		
Series 2020-SFR4, Class A		
1.355%, 11/17/2037 (D)	602,000	586,850
Series 2021-SFR4, Class A		
2.117%, 12/17/2038 (D)	205,000	204,465
Applebee's Funding LLC		
Series 2019-1A, Class A2I		
4.194%, 06/05/2049 (D)	529,650	535,487
Aqua Finance Trust		
Series 2021-A, Class A		
1.540%, 07/17/2046 (D)	219,300	217,342
Arby's Funding LLC		
Series 2020-1A, Class A2		
3.237%, 07/30/2050 (D)	504,613	514,702
ARL First LLC		
Series 2012-1A, Class A2		
3.810%, 12/15/2042 (D)	900,000	913,649
Avis Budget Rental Car Funding		
AESOP LLC		
Series 2019-3A, Class A		
2.360%, 03/20/2026 (D)	473,000	483,493
Series 2020-1A, Class A		
2.330%, 08/20/2026 (D)	333,000	340,947
Bojangles Issuer LLC		
Series 2020-1A, Class A2		
3.832%, 10/20/2050 (D)	264,000	269,910
BRE Grand Islander Timeshare		
Issuer LLC		
Series 2019-A, Class A		
3.280%, 09/26/2033 (D)	159,572	164,166
Carlyle Global Market Strategies		
Series 2018-4A, Class C (3 month LIBOR + 2.900%)		
3.032%, 01/20/2031 (A)(D)	530,000	523,361
CARS-DB4 LP		
Series 2020-1A, Class A1		
2.690%, 02/15/2050 (D)	895,202	906,230

Active Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
CARS-DB4 LP (continued)		
Series 2020-1A, Class A4		
3.190%, 02/15/2050 (D)	\$ 997,083	\$ 1,015,620
Series 2020-1A, Class B1		
4.170%, 02/15/2050 (D)	381,000	391,290
Centex Home Equity Loan Trust		
Series 2005-A, Class M4 (1 month LIBOR + 1.200%)		
1.302%, 01/25/2035 (A)	156,736	154,897
CF Hippolyta LLC		
Series 2020-1, Class A1		
1.690%, 07/15/2060 (D)	494,310	490,336
Series 2021-1A, Class A1		
1.530%, 03/15/2061 (D)	466,821	458,063
Chase Auto Credit Linked Notes		
Series 2021-3, Class B		
0.760%, 02/26/2029 (D)	272,682	270,972
Citibank Credit Card Issuance Trust		
Series 2017-A6, Class A6 (1 month LIBOR + 0.770%)		
0.879%, 05/14/2029 (A)	565,000	574,057
Series 2017-A7, Class A7 (1 month LIBOR + 0.370%)		
0.473%, 08/08/2024 (A)	3,000,000	3,005,168
CLI Funding VI LLC		
Series 2020-1A, Class A		
2.080%, 09/18/2045 (D)	620,384	616,835
CLI Funding VIII LLC		
Series 2021-1A, Class A		
1.640%, 02/18/2046 (D)	513,453	501,352
Conseco Finance Corp.		
Series 1996-10, Class M1		
7.240%, 11/15/2028 (I)	10,919	10,955
ContiMortgage Home Equity Loan Trust		
Series 1995-2, Class A5		
8.100%, 08/15/2025	5,689	5,526
CoreVest American Finance Trust		
Series 2019-3, Class A		
2.705%, 10/15/2052 (D)	78,603	80,299
Credit-Based Asset Servicing & Securitization LLC		
Series 2006-MH1, Class B1		
6.250%, 10/25/2036 (D)	2,560,000	2,638,238
DataBank Issuer		
Series 2021-1A, Class A2		
2.060%, 02/27/2051 (D)	225,000	220,638
DB Master Finance LLC		
Series 2017-1A, Class A2II		
4.030%, 11/20/2047 (D)	191,538	199,913
Series 2021-1A, Class A2I		
2.045%, 11/20/2051 (D)	773,000	755,298
Series 2021-1A, Class A2II		
2.493%, 11/20/2051 (D)	1,000,000	995,528
Diamond Infrastructure Funding LLC		
Series 2021-1A, Class B		
2.355%, 04/15/2049 (D)	1,000,000	975,575
Series 2021-1A, Class C		
3.475%, 04/15/2049 (D)	104,000	101,372
Domino's Pizza Master Issuer LLC		
Series 2017-1A, Class A23		
4.118%, 07/25/2047 (D)	596,750	624,477
Series 2021-1A, Class A2I		
2.662%, 04/25/2051 (D)	1,316,385	1,321,926
Driven Brands Funding LLC		
Series 2020-2A, Class A2		
3.237%, 01/20/2051 (D)	358,293	363,543

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Driven Brands Funding LLC (continued)		
Series 2021-1A, Class A2 2.791%, 10/20/2051 (D)	\$ 433,000	\$ 425,646
FirstKey Homes Trust		
Series 2020-SFR1, Class A 1.339%, 08/17/2037 (D)	592,011	580,695
Series 2020-SFR2, Class A 1.266%, 10/19/2037 (D)	703,992	686,281
Series 2021-SFR1, Class A 1.538%, 08/17/2038 (D)	526,529	513,641
Series 2021-SFR1, Class D 2.189%, 08/17/2038 (D)	346,000	339,130
Five Guys Funding LLC		
Series 2017-1A, Class A2 4.600%, 07/25/2047 (D)	672,915	695,196
FOCUS Brands Funding LLC		
Series 2017-1A, Class A2IB 3.857%, 04/30/2047 (D)	150,195	152,090
Ford Credit Auto Owner Trust		
Series 2020-1, Class A 2.040%, 08/15/2031 (D)	608,000	618,952
Ford Credit Floorplan Master Owner Trust		
Series 2020-2, Class A 1.060%, 09/15/2027	561,000	552,361
GM Financial Automobile Leasing Trust		
Series 2021-2, Class A4 0.410%, 05/20/2025	125,000	123,602
Golub Capital Partners Funding, Ltd.		
Series 2020-1A, Class A2 3.208%, 01/22/2029 (D)	394,000	395,576
Series 2021-1A, Class A2 2.773%, 04/20/2029 (D)	290,000	287,004
Hilton Grand Vacations Trust		
Series 2017-AA, Class A 2.660%, 12/26/2028 (D)	160,033	162,213
Series 2018-AA, Class A 3.540%, 02/25/2032 (D)	106,764	109,865
Home Partners of America Trust		
Series 2021-2, Class A 1.901%, 12/17/2026 (D)	403,004	398,851
Honda Auto Receivables Owner Trust		
Series 2021-2, Class A4 0.550%, 08/16/2027	247,000	242,777
ITE Rail Fund Levered LP		
Series 2021-3, Class A 2.210%, 06/28/2051 (D)	488,272	486,196
Jack in the Box Funding LLC		
Series 2019-1A, Class A23 4.970%, 08/25/2049 (D)	264,998	281,643
Series 2019-1A, Class A21 3.982%, 08/25/2049 (D)	272,938	274,265
Laurel Road Prime Student Loan Trust		
Series 2019-A, Class A2FX 2.730%, 10/25/2048 (D)	49,034	49,439
MVW Owner Trust		
Series 2018-1A, Class A 3.450%, 01/21/2036 (D)	180,440	185,517
Navient Private Education Loan Trust		
Series 2016-AA, Class A2A 3.910%, 12/15/2045 (D)	102,056	106,190
Navient Private Education Refi Loan Trust		
Series 2019-FA, Class A2 2.600%, 08/15/2068 (D)	233,954	236,996

Active Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Navient Student Loan Trust		
Series 2020-2A, Class A1A 1.320%, 08/26/2069 (D)	\$ 375,618	\$ 363,763
Neighborly Issuer LLC		
Series 2021-1A, Class A2 3.584%, 04/30/2051 (D)	624,860	626,796
New Economy Assets Phase 1 Sponsor LLC		
Series 2021-1, Class A1 1.910%, 10/20/2061 (D)	607,000	595,171
Series 2021-1, Class B1 2.410%, 10/20/2061 (D)	184,000	184,424
NRZ Excess Spread-Collateralized Notes		
Series 2021-FHT1, Class A 3.104%, 07/25/2026 (D)	117,269	116,859
Oxford Finance Funding LLC		
Series 2019-1A, Class A2 4.459%, 02/15/2027 (D)	195,118	198,950
Progress Residential Trust		
Series 2020-SFR1, Class A 1.732%, 04/17/2037 (D)	359,000	356,267
Series 2021-SFR8, Class B 1.681%, 10/17/2038 (D)	216,000	209,783
Renaissance Home Equity Loan Trust		
Series 2005-2, Class AF4 4.934%, 08/25/2035	76,148	77,739
Santander Revolving Auto Loan Trust		
Series 2019-A, Class A 2.510%, 01/26/2032 (D)	611,000	631,615
ServiceMaster Funding LLC		
Series 2021-1, Class A2I 2.865%, 07/30/2051 (D)	464,835	452,341
Sesac Finance LLC		
Series 2019-1, Class A2 5.216%, 07/25/2049 (D)	472,133	490,063
Sierra Timeshare Receivables Funding LLC		
Series 2019-1A, Class A 3.200%, 01/20/2036 (D)	63,431	64,851
SMB Private Education Loan Trust		
Series 2015-C, Class A2A 2.750%, 07/15/2027 (D)	4,910	4,924
Series 2019-B, Class A2A 2.840%, 06/15/2037 (D)	423,799	434,372
Series 2020-PTA, Class A2A 1.600%, 09/15/2054 (D)	362,169	359,204
Series 2021-A, Class APT2 1.070%, 01/15/2053 (D)	272,111	264,850
Series 2021-E, Class A1A 1.680%, 02/15/2051 (D)	1,500,000	1,487,207
Sonic Capital LLC		
Series 2020-1A, Class A2I 3.845%, 01/20/2050 (D)	412,427	426,215
Series 2021-1A, Class A2I 2.190%, 08/20/2051 (D)	329,175	321,033
Store Master Funding I-VII & XIV		
Series 2019-1, Class A2 3.650%, 11/20/2049 (D)	287,525	305,061
Sunbird Engine Finance LLC		
Series 2020-1A, Class A 3.671%, 02/15/2045 (D)	192,584	185,471
Taco Bell Funding LLC		
Series 2021-1A, Class A2I 1.946%, 08/25/2051 (D)	669,000	655,795
TAL Advantage VII LLC		
Series 2020-1A, Class B 3.290%, 09/20/2045 (D)	434,375	435,562

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
TIF Funding II LLC		
Series 2021-1A, Class A 1.650%, 02/20/2046 (D)	\$ 297,267	\$ 287,917
Towd Point Mortgage Trust		
Series 2015-1, Class A5 3.149%, 10/25/2053 (D)(I)	123,000	127,067
Series 2015-2, Class 1M2 3.360%, 11/25/2060 (D)(I)	175,000	179,261
Series 2015-6, Class M2 3.750%, 04/25/2055 (D)(I)	1,000,000	1,029,441
Series 2017-2, Class A1 2.750%, 04/25/2057 (D)(I)	18,447	18,591
Series 2018-1, Class A1 3.000%, 01/25/2058 (D)(I)	72,442	73,356
Series 2018-4, Class A1 3.000%, 06/25/2058 (D)(I)	274,520	280,932
Series 2018-5, Class A1A 3.250%, 07/25/2058 (D)(I)	36,016	36,550
Series 2018-6, Class A1A 3.750%, 03/25/2058 (D)(I)	257,912	262,429
Series 2019-1, Class A1 3.678%, 03/25/2058 (D)(I)	231,516	239,394
Series 2019-4, Class A1 2.900%, 10/25/2059 (D)(I)	261,958	266,998
Series 2020-4, Class A1 1.750%, 10/25/2060 (D)	281,338	280,666
Toyota Auto Loan Extended Note Trust		
Series 2019-1A, Class A 2.560%, 11/25/2031 (D)	1,010,000	1,042,969
Series 2020-1A, Class A 1.350%, 05/25/2033 (D)	346,000	345,058
Tricon American Homes Trust		
Series 2020-SFR2, Class D 2.281%, 11/17/2039 (D)	500,000	483,642
Triton Container Finance VIII LLC		
Series 2020-1A, Class A 2.110%, 09/20/2045 (D)	748,963	742,702
Series 2021-1A, Class A 1.860%, 03/20/2046 (D)	411,014	402,397
Vantage Data Centers LLC		
Series 2020-1A, Class A2 1.645%, 09/15/2045 (D)	438,000	428,099
Series 2020-2A, Class A2 1.992%, 09/15/2045 (D)	312,000	305,982
VR Funding LLC		
Series 2020-1A, Class A 2.790%, 11/15/2050 (D)	518,453	513,629
VSE VOI Mortgage LLC		
Series 2017-A, Class A 2.330%, 03/20/2035 (D)	149,394	150,832
Wendy's Funding LLC		
Series 2021-1A, Class A21 2.370%, 06/15/2051 (D)	384,070	375,200
Willis Engine Structured Trust V		
Series 2020-A, Class A 3.228%, 03/15/2045 (D)	145,912	141,859
Zaxby's Funding LLC		
Series 2021-1A, Class A2 3.238%, 07/30/2051 (D)	534,660	542,725
TOTAL ASSET BACKED SECURITIES (Cost \$48,114,568)		\$ 48,275,246
COMMON STOCKS – 0.1%		
Energy – 0.0%		
Noble Corp. (C)(E)	378	9,378

Active Bond Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS (continued)		
Utilities – 0.1%		
Algonquin Power & Utilities Corp.	8,150	\$ 384,969
Dominion Energy, Inc.	550	55,352
		440,321
TOTAL COMMON STOCKS (Cost \$467,552)		\$ 449,699
PREFERRED SECURITIES – 0.1%		
Communication services – 0.0%		
Telephone & Data Systems, Inc., 6.625%	7,625	209,383
Consumer staples – 0.0%		
Ocean Spray Cranberries, Inc., 6.250% (D)	2,216	203,872
Financials – 0.0%		
Wells Fargo & Company, 7.500%	55	81,979
Utilities – 0.1%		
DTE Energy Company, 6.250%	669	34,346
NextEra Energy, Inc., 5.279%	4,350	250,299
NiSource, Inc., 7.750%	1,800	201,582
The Southern Company, 6.750%	831	44,666
		530,893
TOTAL PREFERRED SECURITIES (Cost \$919,935)		\$ 1,026,127
WARRANTS – 0.0%		
Noble Corp. (Expiration Date: 2-5-28; Strike Price: \$23.13) (C)	1,540	11,627
TOTAL WARRANTS (Cost \$2,792)		\$ 11,627
ESCROW CERTIFICATES – 0.0%		
LSC Communications, Inc. (C)(D)	\$ 420,000	1,575
TOTAL ESCROW CERTIFICATES (Cost \$0)		\$ 1,575
SHORT-TERM INVESTMENTS – 15.7%		
Short-term funds – 13.6%		
John Hancock Collateral Trust, 0.1697% (K)(L)	365,084	3,651,934
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (K)	94,952,123	94,952,123
		98,604,057
Repurchase agreement – 2.1%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$15,533,000 on 1-3-22, collateralized by \$16,005,000 U.S. Treasury Notes, 1.250% due 6-30-28 (valued at \$15,843,702)	\$ 15,533,000	15,533,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$114,137,622)		\$ 114,137,057
Total Investments (Active Bond Trust) (Cost \$786,694,511) – 111.1%		
Other assets and liabilities, net – (11.1%)		
TOTAL NET ASSETS – 100.0%		
\$ 727,663,421		
Currency Abbreviations		
ARS	Argentine Peso	
EUR	Euro	
GBP	Pound Sterling	
MXN	Mexican Peso	
Security Abbreviations and Legend		
CMT	Constant Maturity Treasury	
GO	General Obligation	
ICE	Intercontinental Exchange	
IO	Interest-Only Security - (Interest Tranche of Stripped Mortgage Pool). Rate shown is the annualized yield at the end of the period.	

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Active Bond Trust (continued)

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
TBA	To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date.
(A)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(B)	Security purchased or sold on a when-issued or delayed delivery basis.
(C)	Non-income producing security.
(D)	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 \$159,306,712 or 21.9% of the fund's net assets as of 12-31-21.
(E)	All or a portion of this security is on loan as of 12-31-21.
(F)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(G)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(H)	This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
(I)	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. The interest rate shown is the current rate as of period end.
(J)	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.
(K)	The rate shown is the annualized seven-day yield as of 12-31-21.
(L)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.
*	Yield represents either the annualized yield at the date of purchase, the stated coupon rate or, for floating rate securities, the rate at period end.

Core Bond Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 58.3%		
U.S. Government – 37.1%		
U.S. Treasury Bonds		
1.125%, 05/15/2040 to 08/15/2040	\$ 24,260,000	\$ 21,226,094
1.375%, 11/15/2040 to 08/15/2050	22,203,000	20,052,016
1.625%, 11/15/2050	5,045,000	4,700,324
1.750%, 08/15/2041	17,321,000	16,793,251
1.875%, 02/15/2041 to 11/15/2051	10,312,000	10,214,948
2.000%, 11/15/2041 to 08/15/2051	16,906,000	17,151,412
2.250%, 05/15/2041	4,789,000	5,029,947
2.500%, 02/15/2045	2,430,000	2,672,336
U.S. Treasury Notes		
0.125%, 05/31/2022 to 01/15/2024	36,086,000	35,919,773
0.250%, 05/15/2024 to 10/31/2025	26,889,000	26,208,605
0.375%, 10/31/2023 to 01/31/2026	46,309,000	45,080,986
0.500%, 02/28/2026 to 08/31/2027	20,999,000	20,265,429
0.750%, 12/31/2023 to 05/31/2026	30,055,000	29,772,135
0.875%, 09/30/2026	2,960,000	2,907,159
1.000%, 12/15/2024	17,288,000	17,306,909
1.250%, 12/31/2026	27,552,000	27,521,865

Core Bond Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government (continued)		
U.S. Treasury Notes (continued)		
1.375%, 10/31/2028 to 11/15/2031	\$ 25,460,000	\$ 25,255,307
1.500%, 09/30/2024 to 11/30/2028	14,640,000	14,856,835
1.875%, 02/28/2022	10,979,000	11,009,902
2.000%, 02/15/2022	8,231,000	8,249,653
2.125%, 05/15/2025	7,793,000	8,066,668
		370,261,554
U.S. Government Agency – 21.2%		
Federal Home Loan Mortgage Corp.		
1.571%, 09/15/2029 (A)	1,881,000	1,665,169
1.648%, 12/14/2029 (A)	1,179,000	1,033,291
2.000%, 12/01/2050	992,449	994,439
2.500%, 01/01/2036	2,641,021	2,763,379
2.817%, (12 month LIBOR + 1.640%), 05/01/2049 (B)	441,137	453,289
3.000%, 12/01/2031 to 01/01/2032	1,754,232	1,843,219
4.000%, 01/01/2035 to 07/01/2049	4,705,546	5,111,367
4.500%, 06/01/2039 to 07/01/2039	98,425	107,899
5.000%, 03/01/2049	1,584,180	1,755,747
Federal National Mortgage Association		
1.735%, 11/15/2030 (A)	3,465,000	2,967,925
2.000%, TBA (C)	13,500,000	13,467,516
2.000%, 09/01/2030 to 04/01/2051	3,196,687	3,235,765
2.125%, (12 month LIBOR + 1.578%), 06/01/2045 (B)	385,373	396,985
2.500%, TBA (C)	68,000,000	69,257,990
2.500%, 12/01/2035 to 06/01/2036	14,186,091	14,851,500
2.662%, (12 month LIBOR + 1.585%), 01/01/2046 (B)	1,211,328	1,247,925
3.000%, TBA (C)	6,100,000	6,312,786
3.000%, 01/01/2043 to 07/01/2060	15,336,754	16,212,859
4.000%, 09/01/2033 to 08/01/2059	10,872,542	11,906,129
4.500%, 05/01/2034 to 04/01/2050	10,919,479	12,062,281
5.000%, 07/01/2044 to 11/01/2049	11,213,349	12,519,275
5.500%, 12/01/2048 to 06/01/2049	2,412,912	2,690,023
Government National Mortgage Association		
2.500%, TBA (C)	6,500,000	6,662,725
3.000%, 10/20/2051	6,485,012	6,732,200
3.500%, 01/20/2048	660,793	706,483
4.000%, 06/20/2047 to 07/20/2049	6,332,451	6,782,155
4.500%, 08/15/2047 to 05/20/2049	2,023,014	2,176,544
5.000%, 12/20/2039 to 03/20/2049	5,908,203	6,360,830
		212,277,695
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$586,234,243)		
	\$	\$ 582,539,249
FOREIGN GOVERNMENT OBLIGATIONS – 1.1%		
Colombia – 0.1%		
Republic of Colombia		
5.200%, 05/15/2049	917,000	841,485
Italy – 0.1%		
Republic of Italy		
3.875%, 05/06/2051	991,000	1,058,412
Japan – 0.1%		
Japan Bank for International Cooperation		
1.750%, 10/17/2024	816,000	830,713
Mexico – 0.4%		
Government of Mexico		
3.750%, 04/19/2071	888,000	798,312
4.280%, 08/14/2041	1,346,000	1,394,793
4.500%, 04/22/2029	1,150,000	1,279,559

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Mexico (continued)		
Government of Mexico (continued)		
4.750%, 03/08/2044	\$ 382,000	\$ 415,906
		3,888,570
Paraguay – 0.1%		
Republic of Paraguay		
4.950%, 04/28/2031 (D)	233,000	261,543
5.400%, 03/30/2050 (D)	545,000	621,981
		883,524
Peru – 0.3%		
Republic of Peru		
2.392%, 01/23/2026	651,000	660,772
2.783%, 01/23/2031	1,231,000	1,224,857
3.000%, 01/15/2034	1,094,000	1,089,624
3.600%, 01/15/2072	689,000	671,775
		3,647,028
United Arab Emirates – 0.0%		
Republic of United Arab Emirates		
3.000%, 09/15/2051	214,000	214,054
TOTAL FOREIGN GOVERNMENT OBLIGATIONS		
(Cost \$11,376,252)		\$ 11,363,786
CORPORATE BONDS – 31.4%		
Communication services – 2.5%		
AT&T, Inc.		
2.250%, 02/01/2032	257,000	248,345
3.100%, 02/01/2043	158,000	153,598
3.500%, 06/01/2041 to 09/15/2053	1,668,000	1,689,114
3.550%, 09/15/2055	327,000	328,187
3.650%, 06/01/2051 to 09/15/2059	906,000	921,424
3.800%, 12/01/2057	597,000	621,514
Charter Communications Operating LLC		
2.250%, 01/15/2029	1,394,000	1,360,122
3.500%, 06/01/2041 to 03/01/2042	1,172,000	1,138,813
3.700%, 04/01/2051	164,000	158,553
3.900%, 06/01/2052	498,000	499,378
4.400%, 12/01/2061 (E)	474,000	490,356
4.464%, 07/23/2022	298,000	302,399
4.800%, 03/01/2050	612,000	685,216
Comcast Corp.		
2.887%, 11/01/2051 (D)	465,000	450,113
3.750%, 04/01/2040	380,000	425,420
Discovery Communications LLC		
4.000%, 09/15/2055	138,000	145,793
Netflix, Inc.		
3.625%, 06/15/2025 (D)	556,000	585,913
5.875%, 11/15/2028	597,000	717,893
T-Mobile USA, Inc.		
2.250%, 02/15/2026	607,000	608,518
2.250%, 02/15/2026 (D)	3,084,000	3,091,710
2.875%, 02/15/2031	213,000	210,359
3.375%, 04/15/2029	1,335,000	1,360,285
3.375%, 04/15/2029 (D)	1,557,000	1,586,490
3.400%, 10/15/2052 (D)	679,000	675,867
3.500%, 04/15/2031 (D)	1,150,000	1,196,437
Verizon Communications, Inc.		
1.680%, 10/30/2030	625,000	593,832
2.355%, 03/15/2032 (D)	623,000	613,853
2.550%, 03/21/2031	298,000	300,656
2.650%, 11/20/2040	1,308,000	1,242,884
2.875%, 11/20/2050	252,000	239,120
3.400%, 03/22/2041	629,000	658,527
3.700%, 03/22/2061	457,000	495,487
4.329%, 09/21/2028	217,000	246,502

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
ViacomCBS, Inc.		
4.950%, 01/15/2031	\$ 174,000	\$ 207,279
4.950%, 05/19/2050 (E)	303,000	386,248
		24,636,205
Consumer discretionary – 2.2%		
Advance Auto Parts, Inc.		
3.900%, 04/15/2030	1,247,000	1,360,070
Amazon.com, Inc.		
1.000%, 05/12/2026	2,125,000	2,104,356
1.650%, 05/12/2028	959,000	960,581
2.100%, 05/12/2031 (E)	1,495,000	1,515,345
2.700%, 06/03/2060	145,000	139,723
3.100%, 05/12/2051	757,000	808,190
3.250%, 05/12/2061	323,000	347,692
AutoNation, Inc.		
4.750%, 06/01/2030	314,000	358,680
Ford Motor Company		
4.750%, 01/15/2043	255,000	281,456
Ford Motor Credit Company LLC		
2.700%, 08/10/2026	1,459,000	1,471,766
3.625%, 06/17/2031	1,070,000	1,126,373
4.000%, 11/13/2030	480,000	516,384
4.063%, 11/01/2024	253,000	266,199
Hyundai Capital America		
0.800%, 01/08/2024 (D)	829,000	817,002
1.250%, 09/18/2023 (D)	486,000	485,596
1.300%, 01/08/2026 (D)	970,000	942,255
1.800%, 10/15/2025 (D)	777,000	772,798
2.000%, 06/15/2028 (D)	472,000	460,162
Marriott International, Inc.		
2.850%, 04/15/2031	768,000	765,650
3.500%, 10/15/2032	469,000	491,162
4.625%, 06/15/2030	1,109,000	1,247,564
5.750%, 05/01/2025	192,000	216,123
Sodexo, Inc.		
1.634%, 04/16/2026 (D)	869,000	860,832
Starbucks Corp.		
1.300%, 05/07/2022	397,000	398,301
3.500%, 11/15/2050	621,000	668,694
Tapestry, Inc.		
3.050%, 03/15/2032	864,000	869,076
The Home Depot, Inc.		
2.375%, 03/15/2051	498,000	457,477
3.125%, 12/15/2049	605,000	637,597
3.300%, 04/15/2040	129,000	139,859
Yale University		
0.873%, 04/15/2025	153,000	151,439
1.482%, 04/15/2030	477,000	465,538
		22,103,940
Consumer staples – 1.3%		
Altria Group, Inc.		
2.350%, 05/06/2025	135,000	138,169
2.450%, 02/04/2032	368,000	349,385
3.400%, 02/04/2041	736,000	678,913
Anheuser-Busch Companies LLC		
4.700%, 02/01/2036	881,000	1,063,200
4.900%, 02/01/2046	791,000	999,772
Anheuser-Busch InBev Worldwide, Inc.		
3.500%, 06/01/2030	312,000	341,968
3.750%, 07/15/2042	285,000	310,652
4.375%, 04/15/2038	926,000	1,084,398
Bacardi, Ltd.		
4.700%, 05/15/2028 (D)	333,000	376,617
5.300%, 05/15/2048 (D)	637,000	830,966

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer staples (continued)		
BAT Capital Corp.		
2.259%, 03/25/2028	\$ 167,000	\$ 162,731
2.726%, 03/25/2031	1,459,000	1,415,845
4.390%, 08/15/2037	167,000	175,959
Bunge, Ltd. Finance Corp.		
1.630%, 08/17/2025	543,000	541,040
2.750%, 05/14/2031	1,161,000	1,178,279
3.750%, 09/25/2027	1,576,000	1,709,708
Molson Coors Beverage Company		
4.200%, 07/15/2046	1,083,000	1,200,455
Sysco Corp.		
3.150%, 12/14/2051	316,000	311,032
The Estee Lauder Companies, Inc.		
1.950%, 03/15/2031	186,000	183,221
Walmart, Inc.		
2.500%, 09/22/2041	250,000	252,056
		13,304,366
Energy – 1.7%		
Aker BP ASA		
4.000%, 01/15/2031 (D)	454,000	490,892
BP Capital Markets America, Inc.		
2.772%, 11/10/2050	469,000	441,796
3.379%, 02/08/2061	729,000	748,937
Devon Energy Corp.		
4.750%, 05/15/2042	164,000	189,884
5.000%, 06/15/2045	577,000	697,432
Diamondback Energy, Inc.		
4.400%, 03/24/2051	266,000	304,892
Enable Midstream Partners LP		
4.150%, 09/15/2029 (E)	366,000	391,542
4.400%, 03/15/2027	618,000	666,850
4.950%, 05/15/2028	1,048,000	1,162,342
5.000%, 05/15/2044	139,000	149,344
Energy Transfer LP		
5.150%, 03/15/2045	315,000	355,973
5.300%, 04/15/2047	821,000	951,347
5.350%, 05/15/2045	239,000	274,477
6.000%, 06/15/2048	127,000	157,776
6.050%, 06/01/2041	145,000	177,416
6.100%, 02/15/2042	163,000	198,840
6.125%, 12/15/2045	279,000	347,041
Galaxy Pipeline Assets Bidco, Ltd.		
1.750%, 09/30/2027 (D)	953,205	954,226
2.160%, 03/31/2034 (D)	734,000	719,408
2.625%, 03/31/2036 (D)	459,000	448,439
2.940%, 09/30/2040 (D)	271,000	269,703
Lundin Energy Finance BV		
2.000%, 07/15/2026 (D)	1,113,000	1,105,201
3.100%, 07/15/2031 (D)	2,101,000	2,115,978
Marathon Oil Corp.		
5.200%, 06/01/2045	201,000	240,539
Oleoducto Central SA		
4.000%, 07/14/2027 (D)	246,000	244,647
Petroleos del Peru SA		
5.625%, 06/19/2047 (D)	463,000	458,435
Petroleos Mexicanos		
2.378%, 04/15/2025	481,250	492,076
2.460%, 12/15/2025	1,296,400	1,331,773
Pioneer Natural Resources Company		
1.900%, 08/15/2030	835,000	793,034
		16,880,240
Financials – 10.5%		
Alleghany Corp.		
3.250%, 08/15/2051	472,000	465,007

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
American International Group, Inc.		
3.400%, 06/30/2030	\$ 305,000	\$ 329,816
4.375%, 06/30/2050	168,000	209,415
Ares Capital Corp.		
3.200%, 11/15/2031	970,000	953,687
ASB Bank, Ltd.		
2.375%, 10/22/2031 (D)	783,000	778,280
Athene Global Funding		
1.730%, 10/02/2026 (D)	935,000	917,689
1.985%, 08/19/2028 (D)	779,000	756,950
2.500%, 03/24/2028 (D)	1,091,000	1,097,172
2.646%, 10/04/2031 (D)	1,029,000	1,015,251
Bain Capital Specialty Finance, Inc.		
2.550%, 10/13/2026	638,000	620,074
Banco de Chile		
2.990%, 12/09/2031 (D)	484,000	477,108
Banco Santander SA (1.722% to 9-14-26, then 1 Year CMT + 0.900%) 09/14/2027	800,000	785,442
Banco Santander SA (3.225% to 11-22-31, then 1 Year CMT + 1.600%) 11/22/2032	800,000	800,752
Bank of America Corp.		
3.500%, 04/19/2026	159,000	171,273
Bank of America Corp. (0.523% to 6-14-23, then SOFR + 0.410%) 06/14/2024	854,000	848,333
Bank of America Corp. (1.197% to 10-24-25, then SOFR + 1.010%) 10/24/2026	701,000	687,010
Bank of America Corp. (1.319% to 6-19-25, then SOFR + 1.150%) 06/19/2026	417,000	412,571
Bank of America Corp. (1.530% to 12-6-24, then SOFR + 0.650%) 12/06/2025	2,216,000	2,219,612
Bank of America Corp. (1.658% to 3-11-26, then SOFR + 0.910%) 03/11/2027	3,143,000	3,120,931
Bank of America Corp. (1.734% to 7-22-26, then SOFR + 0.960%) 07/22/2027	3,003,000	2,981,130
Bank of America Corp. (1.898% to 7-23-30, then SOFR + 1.530%) 07/23/2031	620,000	593,387
Bank of America Corp. (1.922% to 10-24-30, then SOFR + 1.370%) 10/24/2031	523,000	500,750
Bank of America Corp. (2.496% to 2-13-30, then 3 month LIBOR + 0.990%) 02/13/2031	878,000	880,238
Bank of America Corp. (2.592% to 4-29-30, then SOFR + 2.150%) 04/29/2031	1,007,000	1,017,246
Bank of America Corp. (2.687% to 4-22-31, then SOFR + 1.320%) 04/22/2032	2,388,000	2,423,405
Bank of America Corp. (3.004% to 12-20-22, then 3 month LIBOR + 0.790%) 12/20/2023	1,239,000	1,264,610
Bank of America Corp. (3.483% to 3-13-51, then SOFR + 1.650%) 03/13/2052	309,000	340,968

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Bank of America Corp. (3.559% to 4-23-26, then 3 month LIBOR + 1.060%) 04/23/2027	\$ 771,000	\$ 824,470
Barclays PLC (2.279% to 11-24-26, then 1 Year CMT + 1.050%) 11/24/2027	1,552,000	1,554,767
Barclays PLC (2.894% to 11-24-31, then 1 Year CMT + 1.300%) 11/24/2032	483,000	486,422
Barclays PLC (3.330% to 11-24-41, then 1 Year CMT + 1.300%) 11/24/2042	352,000	358,202
BlackRock, Inc. 2.100%, 02/25/2032	621,000	616,136
Blackstone Holdings Finance Company LLC 2.850%, 08/05/2051 (D)	92,000	89,546
Blackstone Private Credit Fund 2.350%, 11/22/2024 (D)	800,000	799,383
2.625%, 12/15/2026 (D)	2,685,000	2,617,756
3.250%, 03/15/2027 (D)	1,118,000	1,129,548
Blackstone Secured Lending Fund 2.850%, 09/30/2028 (D)	808,000	787,706
Blue Owl Finance LLC 4.125%, 10/07/2051 (D)	134,000	134,255
Brighthouse Financial Global Funding 1.200%, 12/15/2023 (D)	1,239,000	1,241,094
Brighthouse Financial, Inc. 3.850%, 12/22/2051	310,000	305,757
CNO Global Funding 1.750%, 10/07/2026 (D)	975,000	963,201
Cooperatieve Rabobank UA (1.980% to 12-15-26, then 1 Year CMT + 0.730%) 12/15/2027 (D)	1,245,000	1,245,336
Credit Suisse AG 1.250%, 08/07/2026	1,413,000	1,377,439
Enstar Group, Ltd. 3.100%, 09/01/2031	785,000	769,468
F&G Global Funding 2.000%, 09/20/2028 (D)	1,242,000	1,207,471
GA Global Funding Trust 0.800%, 09/13/2024 (D)	1,106,000	1,084,606
1.950%, 09/15/2028 (D)	1,483,000	1,441,116
GE Capital International Funding Company 4.418%, 11/15/2035	756,000	902,180
Golub Capital BDC, Inc. 2.500%, 08/24/2026	324,000	318,419
Jackson Financial, Inc. 3.125%, 11/23/2031 (D)	800,000	804,210
4.000%, 11/23/2051 (D)(E)	401,000	404,222
JPMorgan Chase & Co. (1.040% to 2-4-26, then SOFR + 0.695%) 02/04/2027	3,121,000	3,020,664
JPMorgan Chase & Co. (1.045% to 11-19-25, then SOFR + 0.800%) 11/19/2026	1,740,000	1,695,121
JPMorgan Chase & Co. (1.470% to 9-22-26, then SOFR + 0.765%) 09/22/2027	1,552,000	1,521,312
JPMorgan Chase & Co. (1.561% to 12-10-24, then SOFR + 0.605%) 12/10/2025	5,179,000	5,184,524
JPMorgan Chase & Co. (2.069% to 6-1-28, then SOFR + 1.015%) 06/01/2029	1,556,000	1,543,016

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
JPMorgan Chase & Co. (2.083% to 4-22-25, then SOFR + 1.850%) 04/22/2026	\$ 1,365,000	\$ 1,385,432
JPMorgan Chase & Co. (2.182% to 6-1-27, then SOFR + 1.890%) 06/01/2028	956,000	963,796
JPMorgan Chase & Co. (2.301% to 10-15-24, then SOFR + 1.160%) 10/15/2025	194,000	198,405
KKR Group Finance Company X LLC 3.250%, 12/15/2051 (D)	418,000	416,550
Macquarie Group, Ltd. (1.935% to 4-14-27, then SOFR + 0.995%) 04/14/2028 (D)	1,196,000	1,176,431
Macquarie Group, Ltd. (2.871% to 1-14-32, then SOFR + 1.532%) 01/14/2033 (D)	929,000	926,190
Macquarie Group, Ltd. (1.201% to 10-14-24, then SOFR + 0.694%) 10/14/2025 (D)	1,411,000	1,398,603
Mitsubishi UFJ Financial Group, Inc. (0.953% to 7-19-24, then 1 Year CMT + 0.550%) 07/19/2025 (E)	1,907,000	1,883,606
Mitsubishi UFJ Financial Group, Inc. (1.538% to 7-20-26, then 1 Year CMT + 0.750%) 07/20/2027	1,885,000	1,851,437
Mitsubishi UFJ Financial Group, Inc. (1.640% to 10-13-26, then 1 Year CMT + 0.670%) 10/13/2027	1,567,000	1,546,525
Mitsubishi UFJ Financial Group, Inc. (2.309% to 7-20-31, then 1 Year CMT + 0.950%) 07/20/2032	1,037,000	1,022,470
Mitsubishi UFJ Financial Group, Inc. (2.494% to 10-13-31, then 1 Year CMT + 0.970%) 10/13/2032	641,000	641,792
Morgan Stanley (0.790% to 5-30-24, then SOFR + 0.525%) 05/30/2025	3,253,000	3,210,487
Morgan Stanley (0.791% to 1-22-24, then SOFR + 0.509%) 01/22/2025	4,358,000	4,313,849
Morgan Stanley (0.864% to 10-21-24, then SOFR + 0.745%) 10/21/2025	618,000	609,210
Morgan Stanley (0.985% to 12-10-25, then SOFR + 0.720%) 12/10/2026	1,588,000	1,540,258
Morgan Stanley (1.164% to 10-21-24, then SOFR + 0.560%) 10/21/2025	2,345,000	2,326,477
Morgan Stanley (1.512% to 7-20-26, then SOFR + 0.858%) 07/20/2027	1,214,000	1,194,867
Morgan Stanley (2.239% to 7-21-31, then SOFR + 1.178%) 07/21/2032	926,000	905,697
Owl Rock Capital Corp. 2.875%, 06/11/2028	327,000	320,976
3.400%, 07/15/2026	1,336,000	1,357,462
Owl Rock Capital Corp. III 3.125%, 04/13/2027 (D)	1,064,000	1,040,329
Pricoa Global Funding I 1.200%, 09/01/2026 (D)	138,000	135,111
SBL Holdings, Inc. 5.000%, 02/18/2031 (D)	1,080,000	1,140,969
Stewart Information Services Corp. 3.600%, 11/15/2031	420,000	425,278
Sumitomo Mitsui Financial Group, Inc. 1.402%, 09/17/2026	1,264,000	1,233,737
1.902%, 09/17/2028	1,965,000	1,926,346

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
The Goldman Sachs Group, Inc. (0.657% to 9-10-23, then SOFR + 0.505%) 09/10/2024	\$ 1,562,000	\$ 1,548,892
The Goldman Sachs Group, Inc. (0.925% to 10-21-23, then SOFR + 0.486%) 10/21/2024	3,126,000	3,112,553
The Goldman Sachs Group, Inc. (1.948% to 10-21-26, then SOFR + 0.913%) 10/21/2027	773,000	769,599
The Goldman Sachs Group, Inc. (2.650% to 10-21-31, then SOFR + 1.264%) 10/21/2032	539,000	542,372
The Toronto-Dominion Bank 1.250%, 09/10/2026	783,000	769,264
Trust Fibra Uno 5.250%, 01/30/2026 (D) 6.390%, 01/15/2050 (D)	503,000 356,000	550,790 415,630
Westpac Banking Corp. 1.953%, 11/20/2028 3.133%, 11/18/2041	1,252,000 157,000	1,246,990 155,602
Westpac Banking Corp. (3.020% to 11-18-31, then 5 Year CMT + 1.530%) 11/18/2036	157,000	155,132
		105,454,568
Health care – 3.0%		
AbbVie, Inc. 2.300%, 11/21/2022 3.200%, 11/21/2029 4.050%, 11/21/2039 4.250%, 11/21/2049 4.300%, 05/14/2036 4.450%, 05/14/2046	973,000 927,000 525,000 495,000 226,000 229,000	986,586 991,141 602,348 595,075 266,413 276,937
Amgen, Inc. 1.650%, 08/15/2028 3.000%, 01/15/2052	1,255,000 346,000	1,229,837 335,722
Astrazeneca Finance LLC 1.750%, 05/28/2028 (E)	1,099,000	1,092,607
AstraZeneca PLC 2.125%, 08/06/2050 3.000%, 05/28/2051 (E)	157,000 71,000	139,269 74,412
Bristol-Myers Squibb Company 2.550%, 11/13/2050	503,000	475,823
Centene Corp. 2.450%, 07/15/2028 2.500%, 03/01/2031 3.000%, 10/15/2030	1,696,000 103,000 343,000	1,670,560 100,272 348,663
CVS Health Corp. 3.000%, 08/15/2026 4.300%, 03/25/2028 4.780%, 03/25/2038	336,000 244,000 491,000	354,788 273,814 597,669
Danaher Corp. 2.600%, 10/01/2050 2.800%, 12/10/2051	371,000 248,000	353,638 244,554
DH Europe Finance II Sarl 2.050%, 11/15/2022 2.200%, 11/15/2024	497,000 854,000	503,371 872,679
Gilead Sciences, Inc. 2.600%, 10/01/2040 2.800%, 10/01/2050 4.000%, 09/01/2036	540,000 357,000 279,000	520,215 346,092 320,903
HCA, Inc. 3.500%, 09/01/2030 5.375%, 02/01/2025 5.875%, 02/01/2029	781,000 2,246,000 282,000	825,419 2,468,354 336,017

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Humana, Inc. 1.350%, 02/03/2027	\$ 572,000	\$ 556,200
Pfizer, Inc. 2.550%, 05/28/2040 2.800%, 03/11/2022	1,083,000 300,000	1,080,499 301,351
Roche Holdings, Inc. 2.076%, 12/13/2031 (D) 2.607%, 12/13/2051 (D)	1,205,000 401,000	1,201,438 393,784
Shire Acquisitions Investments Ireland DAC 2.875%, 09/23/2023	648,000	666,454
STERIS Irish FinCo Unlimited Company 3.750%, 03/15/2051	1,388,000	1,518,862
Takeda Pharmaceutical Company, Ltd. 2.050%, 03/31/2030 3.025%, 07/09/2040 3.175%, 07/09/2050 4.400%, 11/26/2023	1,231,000 354,000 363,000 578,000	1,205,459 360,223 365,904 611,579
Thermo Fisher Scientific, Inc. 1.215%, 10/18/2024 1.750%, 10/15/2028 2.000%, 10/15/2031 2.800%, 10/15/2041	1,250,000 592,000 527,000 250,000	1,248,613 588,132 519,243 252,901
UnitedHealth Group, Inc. 2.300%, 05/15/2031 2.750%, 05/15/2040 2.900%, 05/15/2050 3.050%, 05/15/2041 3.250%, 05/15/2051	348,000 239,000 554,000 163,000 524,000	354,061 242,628 564,330 170,599 566,879
		29,972,317
Industrials – 2.6%		
Adani International Container Terminal Private, Ltd. 3.000%, 02/16/2031 (D)	276,360	266,340
Adani Ports & Special Economic Zone, Ltd. 4.200%, 08/04/2027 (D)	583,000	604,930
AerCap Ireland Capital DAC 1.150%, 10/29/2023 1.650%, 10/29/2024 1.750%, 10/29/2024	2,506,000 1,631,000 2,036,000	2,495,148 1,628,042 2,031,039
Canadian Pacific Railway Company 1.350%, 12/02/2024 1.750%, 12/02/2026 2.450%, 12/02/2031 3.000%, 12/02/2041 3.100%, 12/02/2051	2,316,000 772,000 617,000 249,000 401,000	2,318,783 774,786 629,080 254,620 412,357
Crowley Conro LLC 4.181%, 08/15/2043	498,526	578,590
Delta Air Lines, Inc. 4.500%, 10/20/2025 (D) 4.750%, 10/20/2028 (D)	1,265,000 1,836,000	1,329,530 2,004,878
Howmet Aerospace, Inc. 3.000%, 01/15/2029	922,000	923,240
John Deere Capital Corp. 0.550%, 07/05/2022 1.200%, 04/06/2023	954,000 735,000	954,579 740,534
Northrop Grumman Corp. 3.250%, 08/01/2023 to 01/15/2028	1,473,000	1,543,742
Quanta Services, Inc. 0.950%, 10/01/2024	756,000	747,797
The Boeing Company 2.196%, 02/04/2026 3.250%, 02/01/2028 to 02/01/2035 3.625%, 02/01/2031	1,180,000 1,051,000 672,000	1,179,719 1,082,011 716,611

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
The Boeing Company (continued)		
3.750%, 02/01/2050	\$ 683,000	\$ 709,868
5.150%, 05/01/2030	312,000	363,512
5.705%, 05/01/2040	189,000	242,753
5.805%, 05/01/2050	210,000	284,366
Union Pacific Corp.		
2.150%, 02/05/2027	493,000	505,471
2.400%, 02/05/2030	611,000	622,653
		25,944,979
Information technology – 2.8%		
Analog Devices, Inc.		
1.700%, 10/01/2028	468,000	466,551
2.100%, 10/01/2031	623,000	624,292
Apple, Inc.		
1.400%, 08/05/2028 (E)	1,247,000	1,221,128
1.700%, 08/05/2031	935,000	912,423
2.375%, 02/08/2041	254,000	246,493
2.550%, 08/20/2060	731,000	686,486
2.650%, 05/11/2050 to 02/08/2051	1,547,000	1,520,964
2.850%, 08/05/2061	622,000	623,225
Broadcom Corp.		
3.875%, 01/15/2027	236,000	255,893
Broadcom, Inc.		
2.450%, 02/15/2031 (D)	545,000	534,380
3.150%, 11/15/2025	408,000	427,154
3.419%, 04/15/2033 (D)	1,303,000	1,365,937
3.469%, 04/15/2034 (D)	803,000	840,476
4.150%, 11/15/2030	554,000	614,417
Dell International LLC		
3.375%, 12/15/2041 (D)	774,000	765,208
3.450%, 12/15/2051 (D)	927,000	890,017
4.900%, 10/01/2026	159,000	179,085
6.100%, 07/15/2027	317,000	378,122
8.350%, 07/15/2046	83,000	137,988
Global Payments, Inc.		
1.500%, 11/15/2024	463,000	463,065
2.150%, 01/15/2027	926,000	929,684
2.900%, 11/15/2031	617,000	625,814
HP, Inc.		
2.200%, 06/17/2025	1,002,000	1,022,705
Intel Corp.		
1.600%, 08/12/2028 (E)	785,000	775,482
2.000%, 08/12/2031	919,000	912,914
2.800%, 08/12/2041	502,000	500,768
3.200%, 08/12/2061	254,000	260,112
KLA Corp.		
3.300%, 03/01/2050	363,000	387,852
NXP BV		
3.150%, 05/01/2027 (D)	311,000	327,055
3.250%, 05/11/2041 (D)	341,000	352,446
3.875%, 06/18/2026 (D)	1,332,000	1,437,550
Oracle Corp.		
2.800%, 04/01/2027	540,000	556,732
3.650%, 03/25/2041	323,000	326,596
3.950%, 03/25/2051	686,000	712,142
Texas Instruments, Inc.		
1.125%, 09/15/2026 (E)	312,000	308,985
VMware, Inc.		
0.600%, 08/15/2023	1,545,000	1,534,164
1.000%, 08/15/2024	1,083,000	1,072,545
1.400%, 08/15/2026	1,236,000	1,214,718
1.800%, 08/15/2028	680,000	661,745
3.900%, 08/21/2027	125,000	136,088
4.700%, 05/15/2030	626,000	728,575
		27,937,976

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Materials – 0.7%		
Ecolab, Inc.		
2.125%, 02/01/2032	\$ 927,000	\$ 919,295
2.700%, 12/15/2051	341,000	334,751
LYB International Finance III LLC		
3.375%, 10/01/2040	932,000	970,673
3.625%, 04/01/2051	924,000	977,823
Teck Resources, Ltd.		
5.200%, 03/01/2042	368,000	432,836
6.125%, 10/01/2035	319,000	413,551
6.250%, 07/15/2041	358,000	474,812
The Dow Chemical Company		
3.600%, 11/15/2050	625,000	676,801
Westlake Chemical Corp.		
3.125%, 08/15/2051	1,115,000	1,073,844
3.600%, 08/15/2026	341,000	365,693
		6,640,079
Real estate – 1.7%		
Agree LP		
2.000%, 06/15/2028	680,000	666,130
2.600%, 06/15/2033	156,000	153,002
American Campus Communities Operating Partnership LP		
2.250%, 01/15/2029	468,000	462,881
Brixmor Operating Partnership LP		
2.250%, 04/01/2028	218,000	216,839
2.500%, 08/16/2031	378,000	369,906
Crown Castle International Corp.		
1.050%, 07/15/2026	935,000	902,942
2.100%, 04/01/2031	1,726,000	1,651,687
2.500%, 07/15/2031	683,000	677,933
2.900%, 04/01/2041	437,000	424,994
4.000%, 03/01/2027	156,000	169,545
Essex Portfolio LP		
1.700%, 03/01/2028	817,000	795,498
2.550%, 06/15/2031	322,000	322,993
Extra Space Storage LP		
2.350%, 03/15/2032	280,000	272,184
Federal Realty Investment Trust		
3.950%, 01/15/2024	431,000	451,379
GLP Capital LP		
3.250%, 01/15/2032	426,000	428,296
5.300%, 01/15/2029	315,000	357,588
Healthpeak Properties, Inc.		
2.125%, 12/01/2028 (E)	310,000	310,428
Kilroy Realty LP		
2.650%, 11/15/2033	425,000	413,095
Mid-America Apartments LP		
3.950%, 03/15/2029	314,000	350,540
4.000%, 11/15/2025	382,000	412,724
4.300%, 10/15/2023	320,000	334,851
Realty Income Corp.		
2.200%, 06/15/2028	334,000	337,125
2.850%, 12/15/2032	452,000	469,039
3.400%, 01/15/2028	331,000	356,966
Regency Centers LP		
2.950%, 09/15/2029	679,000	704,534
Rexford Industrial Realty LP		
2.150%, 09/01/2031	346,000	326,694
Scentre Group Trust I		
3.625%, 01/28/2026 (D)	492,000	525,189
Spirit Realty LP		
2.100%, 03/15/2028	621,000	604,420
2.700%, 02/15/2032	186,000	184,033
3.400%, 01/15/2030	376,000	395,429

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate (continued)		
STORE Capital Corp.		
2.700%, 12/01/2031	\$ 217,000	\$ 212,196
2.750%, 11/18/2030	553,000	548,400
4.500%, 03/15/2028	1,177,000	1,300,508
4.625%, 03/15/2029	398,000	445,872
Sun Communities Operating LP		
2.300%, 11/01/2028	312,000	311,603
		16,867,443
Utilities – 2.4%		
American Transmission Systems, Inc.		
2.650%, 01/15/2032 (D)	217,000	219,016
Baltimore Gas and Electric Company		
2.250%, 06/15/2031	465,000	465,365
Black Hills Corp.		
3.875%, 10/15/2049	280,000	306,253
Comision Federal de Electricidad		
3.875%, 07/26/2033 (D)	410,000	402,009
Consumers Energy Company		
2.500%, 05/01/2060	264,000	232,732
2.650%, 08/15/2052	343,000	333,639
Dominion Energy, Inc.		
1.450%, 04/15/2026	395,000	390,427
DTE Electric Company		
2.950%, 03/01/2050	543,000	547,082
DTE Energy Company		
1.050%, 06/01/2025	327,000	320,382
2.950%, 03/01/2030	417,000	427,615
Duke Energy Carolinas LLC		
2.550%, 04/15/2031	315,000	323,342
Duke Energy Corp.		
2.550%, 06/15/2031	1,239,000	1,240,465
3.500%, 06/15/2051	186,000	192,055
Duke Energy Florida LLC		
2.400%, 12/15/2031	463,000	468,689
Duke Energy Progress LLC		
2.500%, 08/15/2050	468,000	432,283
Entergy Arkansas LLC		
2.650%, 06/15/2051	417,000	387,508
Eversource Energy		
1.400%, 08/15/2026	472,000	462,544
Florida Power & Light Company		
2.875%, 12/04/2051	155,000	157,193
Interstate Power & Light Company		
3.100%, 11/30/2051	39,000	38,743
3.500%, 09/30/2049	193,000	206,831
ITC Holdings Corp.		
2.700%, 11/15/2022	631,000	640,795
Jersey Central Power & Light Company		
2.750%, 03/01/2032 (D)	510,000	516,835
Metropolitan Edison Company		
4.300%, 01/15/2029 (D)	698,000	776,344
MidAmerican Energy Company		
2.700%, 08/01/2052	403,000	391,198
Mississippi Power Company		
3.100%, 07/30/2051	558,000	550,313
3.950%, 03/30/2028	768,000	841,121
4.250%, 03/15/2042	213,000	244,046
Northern States Power Company		
3.200%, 04/01/2052	314,000	332,682
NSTAR Electric Company		
3.100%, 06/01/2051	287,000	300,890
Oncor Electric Delivery Company LLC		
2.700%, 11/15/2051 (D)	300,000	288,499
Pacific Gas & Electric Company		
2.100%, 08/01/2027	601,000	580,231

Core Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
Pacific Gas &		
Electric Company (continued)		
3.950%, 12/01/2047	\$ 732,000	\$ 705,047
4.200%, 06/01/2041	269,000	270,715
4.500%, 07/01/2040	159,000	165,583
4.750%, 02/15/2044	156,000	161,774
4.950%, 07/01/2050	627,000	682,838
PacifiCorp		
2.900%, 06/15/2052	401,000	393,504
PECO Energy Company		
2.850%, 09/15/2051	561,000	555,527
Pennsylvania Electric Company		
3.250%, 03/15/2028 (D)	452,000	472,747
Piedmont Natural Gas Company, Inc.		
2.500%, 03/15/2031	468,000	467,842
Public Service Company of Colorado		
1.875%, 06/15/2031	715,000	695,025
Public Service Company of Oklahoma		
2.200%, 08/15/2031	472,000	463,535
3.150%, 08/15/2051	314,000	316,399
Public Service Electric & Gas Company		
1.900%, 08/15/2031	623,000	606,198
2.050%, 08/01/2050	129,000	109,024
2.700%, 05/01/2050	314,000	303,181
Public Service Enterprise Group, Inc.		
1.600%, 08/15/2030	358,000	331,841
2.450%, 11/15/2031	724,000	715,415
Southern California Edison Company		
4.125%, 03/01/2048	348,000	390,366
Southern Company Gas Capital Corp.		
1.750%, 01/15/2031	491,000	459,805
Southwestern Electric Power Company		
3.250%, 11/01/2051	244,000	241,966
The AES Corp.		
1.375%, 01/15/2026	672,000	652,147
Trans-Allegheny Interstate Line Company		
3.850%, 06/01/2025 (D)	220,000	232,980
Virginia Electric and Power Company		
2.450%, 12/15/2050	180,000	165,823
WEC Energy Group, Inc.		
0.800%, 03/15/2024	787,000	778,930
1.375%, 10/15/2027	452,000	435,799
		23,791,138
TOTAL CORPORATE BONDS		
(Cost \$312,539,472)		\$ 313,533,251
MUNICIPAL BONDS – 0.4%		
Board of Regents of the University of Texas		
2.439%, 08/15/2049	285,000	281,733
County of Clark Department of Aviation (Nevada)		
6.820%, 07/01/2045	750,000	1,177,317
North Texas Tollway Authority		
6.718%, 01/01/2049 (E)	697,000	1,177,682
Port Authority of New York & New Jersey		
4.458%, 10/01/2062	571,000	756,845
The Ohio State University		
4.800%, 06/01/2111	464,000	701,655
TOTAL MUNICIPAL BONDS (Cost \$3,491,229)		\$ 4,095,232

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS – 8.4%		
Commercial and residential – 4.7%		
3650R Commercial Mortgage Trust		
Series 2021-PF1, Class A5		
2.522%, 11/15/2054	\$ 465,000	\$ 472,079
Angel Oak Mortgage Trust LLC		
Series 2019-2, Class A1,		
3.628%, 03/25/2049 (D)(F)	90,068	90,389
Series 2020-2, Class A1A,		
2.531%, 01/26/2065 (D)(F)	218,539	219,140
Series 2020-5, Class A1,		
1.373%, 05/25/2065 (D)(F)	174,970	174,730
Series 2021-6, Class A1,		
1.458%, 09/25/2066 (D)(F)	631,878	626,071
Barclays Commercial Mortgage Trust		
Series 2019-C3, Class A3		
3.319%, 05/15/2052	108,000	115,342
BBCMS Mortgage Trust		
Series 2018-C2, Class ASB,		
4.236%, 12/15/2051	214,000	235,064
Series 2021-C12, Class A5,		
2.689%, 11/15/2054	624,000	646,837
Benchmark 2021-B31 Mortgage Trust		
Series 2021-B31, Class A5		
2.669%, 12/15/2054	312,000	323,439
Bunker Hill Loan Depository Trust		
Series 2019-2, Class A1		
2.879%, 07/25/2049 (D)	552,933	556,200
BX Commercial Mortgage Trust		
Series 2021-VOLT, Class A (1 month		
LIBOR + 0.700%),		
0.810%, 09/15/2036 (B)(D)	2,021,000	2,014,105
Series 2021-XL2, Class A (1 month		
LIBOR + 0.689%),		
0.799%, 10/15/2038 (B)(D)	999,000	992,802
CD Mortgage Trust		
Series 2019-CD8, Class A4		
2.912%, 08/15/2057	405,000	425,002
CFCRE Commercial Mortgage Trust		
Series 2017-C8, Class ASB		
3.367%, 06/15/2050	305,000	319,533
COLT Mortgage Loan Trust		
Series 2021-2, Class A1,		
0.924%, 08/25/2066 (D)(F)	793,009	781,778
Series 2021-4, Class A1,		
1.397%, 10/25/2066 (D)(F)	834,943	827,014
Commercial Mortgage Trust (Cantor		
Fitzgerald/Deutsche Bank AG)		
Series 2012-CR3, Class A3,		
2.822%, 10/15/2045	454,714	457,149
Series 2013-CR10, Class A4,		
4.210%, 08/10/2046 (F)	15,000	15,586
Series 2013-CR11, Class A4,		
4.258%, 08/10/2050	1,838,000	1,924,613
Series 2013-CR6, Class A4,		
3.101%, 03/10/2046	1,394,000	1,407,973
Series 2014-UBS4, Class A4,		
3.420%, 08/10/2047	730,000	751,979
Series 2015-LC21, Class A4,		
3.708%, 07/10/2048	304,000	323,165
Series 2015-LC23, Class A3,		
3.521%, 10/10/2048	379,000	397,831
CSAIL Commercial Mortgage Trust		
Series 2015-C2, Class A4,		
3.504%, 06/15/2057	424,000	446,843
Series 2021-C20, Class A3,		
2.805%, 03/15/2054	234,000	243,195

Core Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
EQUUS Mortgage Trust		
Series 2021-EQAZ, Class A (1 month		
LIBOR + 0.755%)	\$ 787,000	\$ 783,295
0.865%, 10/15/2038 (B)(D)		
GS Mortgage Securities Trust		
Series 2013-GC14, Class A5,		
4.243%, 08/10/2046	412,000	429,240
Series 2014-GC18, Class A4,		
4.074%, 01/10/2047	971,000	1,014,097
Series 2020-GC47, Class A5,		
2.377%, 05/12/2053	703,000	712,197
Series 2020-GSA2, Class A4,		
1.721%, 12/12/2053	806,000	776,569
Series 2021-GSA3, Class A5,		
2.618%, 12/15/2054	779,000	795,749
Impact Funding Affordable Multifamily		
Housing Mortgage Loan Trust		
Series 2010-1, Class A1		
5.314%, 01/25/2051 (D)	941,426	979,756
JPMBB Commercial Mortgage		
Securities Trust		
Series 2013-C12, Class A5,		
3.664%, 07/15/2045	602,000	618,678
Series 2014-C23, Class A4,		
3.670%, 09/15/2047	338,301	352,157
Series 2015-C28, Class A3,		
2.912%, 10/15/2048	1,646,379	1,670,530
JPMorgan Chase Commercial Mortgage		
Securities Trust		
Series 2013-C16, Class A4,		
4.166%, 12/15/2046	902,000	942,649
Series 2016-JP4, Class A3,		
3.393%, 12/15/2049	198,000	207,624
Med Trust		
Series 2021-MDLN, Class A (1 month		
LIBOR + 0.950%)		
1.060%, 11/15/2038 (B)(D)	1,273,000	1,271,468
Mello Warehouse Securitization Trust		
Series 2020-2, Class A (1 month		
LIBOR + 0.800%),		
0.902%, 11/25/2053 (B)(D)	982,000	978,305
Series 2021-1, Class A (1 month		
LIBOR + 0.700%),		
0.789%, 02/25/2055 (B)(D)	288,000	286,269
Series 2021-2, Class A (1 month		
LIBOR + 0.750%),		
0.852%, 04/25/2055 (B)(D)	786,000	783,358
MFA Trust		
Series 2021-NQM2, Class A1		
1.029%, 11/25/2064 (D)(F)	445,897	441,674
Morgan Stanley Bank of America Merrill		
Lynch Trust		
Series 2012-C5, Class A4,		
3.176%, 08/15/2045	195,130	195,786
Series 2015-C20, Class A4,		
3.249%, 02/15/2048	158,000	165,071
Morgan Stanley Capital Trust		
Series 2020-HR8, Class A3,		
1.790%, 07/15/2053	576,000	557,408
Series 2021-L6, Class A4,		
2.444%, 06/15/2054	201,000	203,106
Series 2021-L7, Class A5,		
2.574%, 10/15/2054	774,000	790,528

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
MSG III Securitization Trust		
Series 2021-1, Class A (1 month LIBOR + 0.750%)	\$ 489,000	\$ 488,645
0.842%, 06/25/2054 (B)(D)		
New Residential Mortgage Loan Trust		
Series 2019-NQM4, Class A1	238,183	238,925
2.492%, 09/25/2059 (D)(F)		
NewRez Warehouse Securitization Trust		
Series 2021-1, Class A (1 month LIBOR + 0.750%)	1,888,000	1,883,610
0.852%, 05/25/2055 (B)(D)		
Starwood Mortgage Residential Trust		
Series 2020-1, Class A1,		
2.275%, 02/25/2050 (D)(F)	427,391	428,742
Series 2020-3, Class A1,		
1.486%, 04/25/2065 (D)(F)	438,107	438,215
Series 2020-INV1, Class A1,		
1.027%, 11/25/2055 (D)(F)	370,678	368,282
Series 2021-1, Class A1,		
1.219%, 05/25/2065 (D)(F)	435,553	433,921
Series 2021-4, Class A1,		
1.162%, 08/25/2056 (D)(F)	933,996	925,218
Verus Securitization Trust		
Series 2019-3, Class A1,		
2.784%, 07/25/2059 (D)	369,200	370,452
Series 2019-4, Class A1,		
2.642%, 11/25/2059 (D)	530,826	535,938
Series 2019-INV2, Class A1,		
2.913%, 07/25/2059 (D)(F)	288,749	290,148
Series 2019-INV3, Class A1,		
2.692%, 11/25/2059 (D)(F)	207,234	209,541
Series 2020-1, Class A1,		
2.417%, 01/25/2060 (D)	546,920	548,215
Series 2020-2, Class A1,		
2.226%, 05/25/2060 (D)(F)	302,988	303,324
Series 2020-5, Class A1,		
1.218%, 05/25/2065 (D)	161,551	160,848
Series 2021-1, Class A1,		
0.815%, 01/25/2066 (D)(F)	539,796	534,435
Series 2021-2, Class A1,		
1.031%, 02/25/2066 (D)(F)	1,025,271	1,014,559
Series 2021-3, Class A1,		
1.046%, 06/25/2066 (D)(F)	692,734	684,706
Series 2021-4, Class A1,		
0.938%, 07/25/2066 (D)(F)	757,731	742,710
Series 2021-5, Class A1,		
1.013%, 09/25/2066 (D)(F)	2,715,446	2,666,303
Series 2021-7, Class A1,		
1.829%, 10/25/2066 (D)(F)	1,086,492	1,083,813
Series 2021-8, Class A1,		
1.824%, 11/25/2066 (D)(F)	786,000	785,529
Series 2021-R1, Class A1,		
0.820%, 10/25/2063 (D)(F)	569,453	566,628
Series 2021-R3, Class A1,		
1.020%, 04/25/2064 (D)(F)	580,072	578,132
Visio Trust		
Series 2020-1R, Class A1	420,292	418,104
1.312%, 11/25/2055 (D)		
		46,442,316
U.S. Government Agency – 3.7%		
Federal Home Loan Mortgage Corp.		
Series 264, Class 30,		
3.000%, 07/15/2042	1,343,498	1,387,173

Core Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal Home Loan		
Mortgage Corp. (continued)		
Series 4205, Class PA,	\$ 384,737	\$ 389,305
1.750%, 05/15/2043		
Series 4426, Class QC,	670,847	678,000
1.750%, 07/15/2037		
Series 4705, Class A,	100,903	101,636
4.500%, 09/15/2042		
Series 4742, Class PA,	1,379,657	1,409,905
3.000%, 10/15/2047		
Series 4763, Class CA,	210,976	220,921
3.000%, 09/15/2038		
Series 4767, Class KA,	677,257	709,332
3.000%, 03/15/2048		
Series 4846, Class PF (1 month LIBOR + 0.350%),		
0.460%, 12/15/2048 (B)	111,837	111,214
Series 4880, Class DA,	861,831	902,351
3.000%, 05/15/2050		
Series 5091, Class AB,	1,485,693	1,460,887
1.500%, 03/25/2051		
Series 5119, Class AB,	594,223	587,667
1.500%, 08/25/2049		
Series K136, Class A2,	784,000	805,595
2.127%, 11/25/2031		
Federal National Mortgage Association		
Series 2012-151, Class NX,	435,977	431,298
1.500%, 01/25/2043		
Series 2013-11, Class AP,	1,542,118	1,535,969
1.500%, 01/25/2043		
Series 2013-43, Class BP,	508,180	513,174
1.750%, 05/25/2043		
Series 2014-73, Class MA,	306,859	312,716
2.500%, 11/25/2044		
Series 2015-84, Class PA,	1,837,281	1,865,210
1.700%, 08/25/2033		
Series 2016-48, Class MA,	1,856,919	1,897,870
2.000%, 06/25/2038		
Series 2016-57, Class PC,	3,462,282	3,445,407
1.750%, 06/25/2046		
Series 2017-13, Class PA,	690,072	712,747
3.000%, 08/25/2046		
Series 2017-M7, Class A2,	320,000	338,782
2.961%, 02/25/2027 (F)		
Series 2018-14, Class KC,	1,164,822	1,219,170
3.000%, 03/25/2048		
Series 2018-15, Class AB,	270,485	283,002
3.000%, 03/25/2048		
Series 2018-8, Class KL,	624,940	639,522
2.500%, 03/25/2047		
Series 2019-15, Class AB,	1,333,205	1,425,912
3.500%, 05/25/2053		
Series 2019-25, Class PA,	1,176,524	1,229,195
3.000%, 05/25/2048		
Series 2019-35, Class A,	422,233	433,841
3.000%, 07/25/2049		
Series 2020-48, Class AB,	618,780	626,329
2.000%, 07/25/2050		
Series 2020-48, Class DA,	1,906,309	1,905,227
2.000%, 07/25/2050		
Series 2021-27, Class EC,	2,367,414	2,337,536
1.500%, 05/25/2051		
Series 2021-78, Class ND,	1,335,531	1,332,906
1.500%, 11/25/2051		

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National		
Mortgage Association (continued)		
Series 414, Class A35, 3.500%, 10/25/2042	\$ 1,463,621	\$ 1,567,131
Government National		
Mortgage Association		
Series 2012-141, Class WA, 4.534%, 11/16/2041 (F)	207,212	227,106
Series 2017-167, Class BQ, 2.500%, 08/20/2044	678,346	691,746
Series 2018-11, Class PC, 2.750%, 12/20/2047	672,644	683,469
Series 2019-132, Class NA, 3.500%, 09/20/2049	460,481	481,994
Series 2019-31, Class JC, 3.500%, 03/20/2049	401,031	423,569
Series 2021-23, Class MG, 1.500%, 02/20/2051	1,601,891	1,577,682
		36,902,496
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$83,311,484)		\$ 83,344,812
ASSET BACKED SECURITIES – 8.0%		
American Express Credit Account Master Trust		
Series 2021-1, Class A 0.900%, 11/15/2026	3,201,000	3,175,014
AmeriCredit Automobile Receivables Trust		
Series 2020-2, Class A2A 0.600%, 12/18/2023	170,518	170,564
Avis Budget Rental Car Funding AESOP LLC		
Series 2019-3A, Class A 2.360%, 03/20/2026 (D)	678,000	693,040
Series 2020-1A, Class A 2.330%, 08/20/2026 (D)	715,000	732,064
Series 2021-2A, Class A 1.660%, 02/20/2028 (D)	1,415,000	1,402,124
Capital One Multi-Asset Execution Trust		
Series 2021-A2, Class A2 1.390%, 07/15/2030	1,000,000	983,168
College Ave Student Loans LLC		
Series 2017-A, Class A1 (1 month LIBOR + 1.650%) 1.753%, 11/26/2046 (B)(D)	435,340	440,282
Series 2018-A, Class A2 4.130%, 12/26/2047 (D)	303,190	314,227
Series 2019-A, Class A2 3.280%, 12/28/2048 (D)	508,628	523,326
Series 2021-A, Class A2 1.600%, 07/25/2051 (D)	727,978	713,516
Ford Credit Auto Owner Trust		
Series 2018-1, Class A 3.190%, 07/15/2031 (D)	597,000	628,954
Hertz Vehicle Financing III LP		
Series 2021-2A, Class A 1.680%, 12/27/2027 (D)	1,229,000	1,210,549
Hyundai Auto Receivables Trust		
Series 2021-C, Class A4 1.030%, 12/15/2027	549,000	544,369
Mercedes-Benz Auto Receivables Trust		
Series 2021-1, Class A3 0.460%, 06/15/2026	839,000	829,253

Core Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Navient Private Education Loan Trust		
Series 2014-AA, Class A3 (1 month LIBOR + 1.600%) 1.710%, 10/15/2031 (B)(D)	\$ 470,000	\$ 477,525
Series 2016-AA, Class A2B (1 month LIBOR + 2.150%) 2.260%, 12/15/2045 (B)(D)	351,611	360,599
Series 2020-IA, Class A1A 1.330%, 04/15/2069 (D)	2,009,194	1,979,214
Navient Private Education Refi Loan Trust		
Series 2018-A, Class A2 3.190%, 02/18/2042 (D)	25,056	25,273
Series 2018-CA, Class A2 3.520%, 06/16/2042 (D)	84,422	85,690
Series 2018-DA, Class A2A 4.000%, 12/15/2059 (D)	803,285	833,172
Series 2019-CA, Class A2 3.130%, 02/15/2068 (D)	797,450	812,813
Series 2019-D, Class A2A 3.010%, 12/15/2059 (D)	1,488,317	1,531,247
Series 2019-FA, Class A2 2.600%, 08/15/2068 (D)	921,710	933,691
Series 2019-GA, Class A 2.400%, 10/15/2068 (D)	450,388	456,852
Series 2020-BA, Class A2 2.120%, 01/15/2069 (D)	599,236	605,664
Series 2020-DA, Class A 1.690%, 05/15/2069 (D)	373,413	373,656
Series 2020-EA, Class A 1.690%, 05/15/2069 (D)	148,804	148,746
Series 2020-GA, Class A 1.170%, 09/16/2069 (D)	807,789	803,960
Series 2020-HA, Class A 1.310%, 01/15/2069 (D)	496,296	494,298
Series 2021-A, Class A 0.840%, 05/15/2069 (D)	250,073	246,913
Series 2021-BA, Class A 0.940%, 07/15/2069 (D)	331,857	328,408
Series 2021-CA, Class A 1.060%, 10/15/2069 (D)	1,367,239	1,347,087
Series 2021-EA, Class A 0.970%, 12/16/2069 (D)	2,230,271	2,192,212
Series 2021-FA, Class A 1.110%, 02/18/2070 (D)	2,525,638	2,482,706
Series 2021-GA, Class A 1.580%, 04/15/2070 (D)	1,111,000	1,106,988
Navient Student Loan Trust		
Series 2019-BA, Class A2A 3.390%, 12/15/2059 (D)	1,250,090	1,287,733
Series 2021-3A, Class A1A 1.770%, 08/25/2070 (D)	1,230,793	1,217,290
Nelnet Student Loan Trust		
Series 2004-3, Class A5 (3 month LIBOR + 0.180%) 0.304%, 10/27/2036 (B)	1,026,387	1,012,371
Series 2004-4, Class A5 (3 month LIBOR + 0.160%) 0.284%, 01/25/2037 (B)	1,022,659	1,011,050
Series 2005-1, Class A5 (3 month LIBOR + 0.110%) 0.234%, 10/25/2033 (B)	3,104,365	3,066,504
Series 2005-2, Class A5 (3 month LIBOR + 0.100%) 0.314%, 03/23/2037 (B)	2,987,790	2,940,036

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Nelnet Student Loan Trust (continued)		
Series 2005-3, Class A5 (3 month LIBOR + 0.120%) 0.334%, 12/24/2035 (B)	\$ 2,054,751	\$ 2,033,160
Series 2005-4, Class A4 (3 month LIBOR + 0.180%) 0.394%, 03/22/2032 (B)	521,827	507,119
Santander Drive Auto Receivables Trust		
Series 2020-1, Class A3 2.030%, 02/15/2024	8,035	8,040
Series 2020-3, Class A3 0.520%, 07/15/2024	196,487	196,523
Series 2020-4, Class A3 0.480%, 07/15/2024	401,706	401,801
SLM Student Loan Trust		
Series 2003-1, Class A5C (3 month LIBOR + 0.750%) 0.953%, 12/15/2032 (B)(D)	651,263	644,307
Series 2003-10A, Class A4 (3 month LIBOR + 0.670%) 0.873%, 12/17/2068 (B)(D)	1,670,000	1,669,173
Series 2007-2, Class A4 (3 month LIBOR + 0.060%) 0.184%, 07/25/2022 (B)	2,683,691	2,608,807
Series 2010-1, Class A (1 month LIBOR + 0.400%) 0.503%, 03/25/2025 (B)	767,349	755,069
Series 2012-1, Class A3 (1 month LIBOR + 0.950%) 1.052%, 09/25/2028 (B)	1,823,785	1,807,310
Series 2012-2, Class A (1 month LIBOR + 0.700%) 0.803%, 01/25/2029 (B)	1,531,348	1,494,983
Series 2012-6, Class A3 (1 month LIBOR + 0.750%) 0.853%, 05/26/2026 (B)	1,047,947	1,029,135
SMB Private Education Loan Trust		
Series 2015-B, Class A2B (1 month LIBOR + 1.200%) 1.310%, 07/15/2027 (B)(D)	57,978	58,031
Series 2016-A, Class A2A 2.700%, 05/15/2031 (D)	849,384	860,351
Series 2016-B, Class A2A 2.430%, 02/17/2032 (D)	130,782	132,472
Series 2016-B, Class A2B (1 month LIBOR + 1.450%) 1.560%, 02/17/2032 (B)(D)	51,379	51,981
Series 2016-C, Class A2B (1 month LIBOR + 1.100%) 1.210%, 09/15/2034 (B)(D)	352,232	355,092
Series 2018-C, Class A2A 3.630%, 11/15/2035 (D)	185,659	192,626
Series 2019-A, Class A2A 3.440%, 07/15/2036 (D)	406,157	419,324
Series 2020-B, Class A1A 1.290%, 07/15/2053 (D)	1,172,674	1,159,124
Series 2020-PTA, Class A2A 1.600%, 09/15/2054 (D)	1,108,809	1,099,732
Series 2020-PTB, Class A2A 1.600%, 09/15/2054 (D)	3,402,123	3,353,219
Series 2021-A, Class APT1 1.070%, 01/15/2053 (D)	2,680,003	2,608,493
Series 2021-B, Class A 1.310%, 07/17/2051 (D)	1,476,357	1,464,326
Series 2021-C, Class A2 (1 month LIBOR + 0.800%) 0.890%, 01/15/2053 (B)(D)	1,275,000	1,273,333

Core Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
SMB Private Education Loan Trust (continued)		
Series 2021-D, Class A1A 1.340%, 03/17/2053 (D)	\$ 2,236,767	\$ 2,201,449
Series 2021-E, Class A1A 1.680%, 02/15/2051 (D)	1,578,000	1,564,542
SoFi Professional Loan Program LLC		
Series 2016-A, Class A2 2.760%, 12/26/2036 (D)	182,017	182,681
Series 2016-E, Class A1 (1 month LIBOR + 0.850%) 0.953%, 07/25/2039 (B)(D)	35,874	35,908
Series 2017-A, Class A1 (1 month LIBOR + 0.700%) 0.803%, 03/26/2040 (B)(D)	39,550	39,587
Series 2017-D, Class A2FX 2.650%, 09/25/2040 (D)	42,759	43,252
Series 2017-E, Class A1 (1 month LIBOR + 0.500%) 0.603%, 11/26/2040 (B)(D)	14,097	14,100
Series 2017-E, Class A2B 2.720%, 11/26/2040 (D)	638,639	645,259
Series 2018-A, Class A2B 2.950%, 02/25/2042 (D)	244,117	247,436
Series 2020-C, Class AFX 1.950%, 02/15/2046 (D)	807,734	813,057
Series 2021-A, Class AFX 1.030%, 08/17/2043 (D)	416,631	410,817
Series 2021-B, Class AFX 1.140%, 02/15/2047 (D)	914,949	898,898
Toyota Auto Loan Extended Note Trust		
Series 2021-1A, Class A 1.070%, 02/27/2034 (D)	1,446,000	1,418,504
Toyota Auto Receivables Owner Trust		
Series 2021-D, Class A4 1.020%, 03/15/2027	589,000	583,178
Triton Container Finance VIII LLC		
Series 2020-1A, Class A 2.110%, 09/20/2045 (D)	381,631	378,441
Verizon Master Trust		
Series 2021-1, Class A 0.500%, 05/20/2027	1,614,000	1,593,054
Series 2021-2, Class A 0.990%, 04/20/2028	2,528,000	2,515,332
TOTAL ASSET BACKED SECURITIES (Cost \$80,770,150)		\$ 80,291,174
SHORT-TERM INVESTMENTS – 3.3%		
Short-term funds – 3.3%		
John Hancock Collateral Trust, 0.1697% (G)(H)	253,156	2,532,319
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (G)		
	30,323,670	30,323,670
TOTAL SHORT-TERM INVESTMENTS (Cost \$32,856,355)		\$ 32,855,989
Total Investments (Core Bond Trust) (Cost \$1,110,579,185) – 110.9%		\$ 1,108,023,493
Other assets and liabilities, net – (10.9%)		(108,708,399)
TOTAL NET ASSETS – 100.0%		\$ 999,315,094
Security Abbreviations and Legend		
CMT	Constant Maturity Treasury	
LIBOR	London Interbank Offered Rate	
SOFR	Secured Overnight Financing Rate	

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Core Bond Trust (continued)

TBA	To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date.
(A)	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.
(B)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(C)	Security purchased or sold on a when-issued or delayed delivery basis.
(D)	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 \$142,907,786 or 14.3% of the fund's net assets as of 12-31-21.
(E)	All or a portion of this security is on loan as of 12-31-21.
(F)	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. The interest rate shown is the current rate as of period end.
(G)	The rate shown is the annualized seven-day yield as of 12-31-21.
(H)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

High Yield Trust

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS – 0.6%		
Argentina – 0.4%		
Provincia de Buenos Aires		
(3.900% to 9-1-22, then 5.250% to 9-1-23, then 6.375% to 9-1-24, then 6.625% thereafter), 09/01/2037 (A)	\$ 756,976	\$ 325,500
Republic of Argentina		
1.000%, 07/09/2029	59,073	21,415
(0.500% to 7-9-23, then 0.750% to 7-9-27, then 1.750% thereafter), 07/09/2030	598,627	209,525
(1.125% to 7-9-22, then 1.500% to 7-9-23, then 3.625% to 7-9-24, then 4.125% to 7-9-27, then 4.750% to 7-9-28, then 5.000% thereafter), 07/09/2035	526,571	168,508
		724,948
Brazil – 0.2%		
Federative Republic of Brazil		
10.000%, 01/01/2023 to 01/01/2027	BRL 2,808,000	496,430
Indonesia – 0.0%		
Republic of Indonesia		
8.375%, 03/15/2034	IDR 74,000,000	5,825
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$1,845,229)		\$ 1,227,203
CORPORATE BONDS – 84.4%		
Communication services – 12.0%		
Allen Media LLC		
10.500%, 02/15/2028 (A)	\$ 1,690,000	1,763,185
Altice Financing SA		
5.750%, 08/15/2029 (A)	780,000	772,200
Altice France Holding SA		
10.500%, 05/15/2027 (A)	240,000	258,000
Altice France SA		
5.125%, 07/15/2029 (A)	590,000	575,516
AMC Entertainment Holdings, Inc.		
10.000%, 06/15/2026 (A)(B)	860,000	849,727

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
CCO Holdings LLC		
4.250%, 02/01/2031 (A)	\$ 130,000	\$ 131,141
4.500%, 08/15/2030 (A)	620,000	634,378
4.500%, 05/01/2032	820,000	843,575
Charter Communications Operating LLC		
6.484%, 10/23/2045	230,000	314,085
Cinemark USA, Inc.		
5.875%, 03/15/2026 (A)	600,000	607,500
Clear Channel Outdoor Holdings, Inc.		
7.500%, 06/01/2029 (A)	760,000	811,300
CSC Holdings LLC		
4.125%, 12/01/2030 (A)	240,000	234,300
4.500%, 11/15/2031 (A)	440,000	434,500
6.500%, 02/01/2029 (A)	800,000	856,000
DIRECTV Holdings LLC		
5.875%, 08/15/2027 (A)	710,000	726,834
DISH DBS Corp.		
5.125%, 06/01/2029	1,000,000	910,000
5.750%, 12/01/2028 (A)	900,000	909,000
5.875%, 11/15/2024	500,000	513,630
7.750%, 07/01/2026	870,000	917,850
Frontier Communications Holdings LLC		
5.000%, 05/01/2028 (A)	240,000	247,200
6.750%, 05/01/2029 (A)	210,000	218,400
Gannett Holdings LLC		
6.000%, 11/01/2026 (A)(B)	620,000	633,175
iHeartCommunications, Inc.		
4.750%, 01/15/2028 (A)	190,000	192,683
5.250%, 08/15/2027 (A)	410,000	426,441
Intelsat Jackson Holdings SA		
8.000%, 02/15/2024 (A)(B)(C)	560,000	567,700
Match Group Holdings II LLC		
3.625%, 10/01/2031 (A)	480,000	466,200
4.625%, 06/01/2028 (A)	400,000	416,160
News Corp.		
3.875%, 05/15/2029 (A)	610,000	616,100
Photo Holdings Merger Sub, Inc.		
8.500%, 10/01/2026 (A)	450,000	468,099
Playtika Holding Corp.		
4.250%, 03/15/2029 (A)	490,000	480,200
Sprint Capital Corp.		
8.750%, 03/15/2032	115,000	172,500
Sprint Corp.		
7.625%, 02/15/2025	510,000	586,500
7.875%, 09/15/2023	670,000	737,838
Switch, Ltd.		
3.750%, 09/15/2028 (A)	280,000	282,100
4.125%, 06/15/2029 (A)	260,000	265,850
Time Warner Cable LLC		
7.300%, 07/01/2038	220,000	311,369
T-Mobile USA, Inc.		
3.500%, 04/15/2031	130,000	135,249
3.500%, 04/15/2031 (A)	710,000	738,670
Univision Communications, Inc.		
9.500%, 05/01/2025 (A)	580,000	619,875
UPC Holding BV		
5.500%, 01/15/2028 (A)	430,000	446,125
Urban One, Inc.		
7.375%, 02/01/2028 (A)	340,000	350,200
Viavi Solutions, Inc.		
3.750%, 10/01/2029 (A)	270,000	269,987
Virgin Media Secured Finance PLC		
5.500%, 05/15/2029 (A)	330,000	348,444

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Virgin Media Vendor Financing Notes IV DAC 5.000%, 07/15/2028 (A)	\$ 470,000	\$ 473,546
Vmed O2 UK Financing I PLC 4.750%, 07/15/2031 (A)	910,000	921,375
ZoomInfo Technologies LLC 3.875%, 02/01/2029 (A)	700,000	693,980
		25,148,687
Consumer discretionary – 16.6%		
Academy, Ltd. 6.000%, 11/15/2027 (A)	250,000	266,563
Adtalem Global Education, Inc. 5.500%, 03/01/2028 (A)	980,000	957,950
American Axle & Manufacturing, Inc. 5.000%, 10/01/2029 (B)	1,080,000	1,059,372
American News Company LLC (8.500% Cash or 10.000% PIK) 8.500%, 09/01/2026 (A)	1,036,302	1,181,384
Bath & Body Works, Inc. 5.250%, 02/01/2028 6.625%, 10/01/2030 (A) 7.500%, 06/15/2029 9.375%, 07/01/2025 (A)	1,020,000 180,000 160,000 340,000	1,127,100 203,850 182,134 414,800
Bed Bath & Beyond, Inc. 5.165%, 08/01/2044 (B)	680,000	564,873
Boyne USA, Inc. 4.750%, 05/15/2029 (A)	380,000	391,400
Caesars Entertainment, Inc. 4.625%, 10/15/2029 (A) 6.250%, 07/01/2025 (A)	600,000 360,000	600,000 377,865
Carnival Corp. 5.750%, 03/01/2027 (A) 6.000%, 05/01/2029 (A)	690,000 460,000	690,000 457,700
Carriage Purchaser, Inc. 7.875%, 10/15/2029 (A)	720,000	691,200
Carriage Services, Inc. 4.250%, 05/15/2029 (A)	640,000	636,800
Carrols Restaurant Group, Inc. 5.875%, 07/01/2029 (A)(B)	350,000	315,000
Century Communities, Inc. 3.875%, 08/15/2029 (A)	210,000	211,575
Dornoch Debt Merger Sub, Inc. 6.625%, 10/15/2029 (A)	410,000	404,875
Empire Communities Corp. 7.000%, 12/15/2025 (A)	650,000	672,750
Fontainebleau Las Vegas Holdings LLC 11.000%, 06/15/2015 (A)(C)	3,600,425	360
Ford Motor Company 3.250%, 02/12/2032 9.000%, 04/22/2025 (B)	400,000 670,000	409,600 819,142
Ford Motor Credit Company LLC 4.000%, 11/13/2030 5.113%, 05/03/2029 5.125%, 06/16/2025	1,280,000 1,100,000 460,000	1,377,024 1,249,875 500,250
Full House Resorts, Inc. 8.250%, 02/15/2028 (A)	510,000	535,500
Installed Building Products, Inc. 5.750%, 02/01/2028 (A)	410,000	426,400
Melco Resorts Finance, Ltd. 5.375%, 12/04/2029 (A)	340,000	329,800
Mohegan Gaming & Entertainment 7.875%, 10/15/2024 (A)(B)	190,000	198,550
NCL Corp., Ltd. 5.875%, 03/15/2026 (A) 10.250%, 02/01/2026 (A)	300,000 436,000	298,671 507,129

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
NCL Corp., Ltd. (continued) 12.250%, 05/15/2024 (A)	\$ 514,000	\$ 609,090
NMG Holding Company, Inc. 7.125%, 04/01/2026 (A)	300,000	318,411
Nordstrom, Inc. 5.000%, 01/15/2044 (B)	700,000	652,750
Party City Holdings, Inc. 8.750%, 02/15/2026 (A)	700,000	722,750
PetSmart, Inc. 4.750%, 02/15/2028 (A) 7.750%, 02/15/2029 (A)	250,000 250,000	256,563 271,563
Rent-A-Center, Inc. 6.375%, 02/15/2029 (A)	450,000	469,125
Royal Caribbean Cruises, Ltd. 4.250%, 07/01/2026 (A) 5.500%, 08/31/2026 to 04/01/2028 (A)	590,000 1,360,000	571,471 1,379,075
Sands China, Ltd. 5.400%, 08/08/2028	200,000	215,284
Sizzling Platter LLC 8.500%, 11/28/2025 (A)	430,000	441,288
Speedway Motorsports LLC 4.875%, 11/01/2027 (A)	320,000	326,400
StoneMor, Inc. 8.500%, 05/15/2029 (A)	790,000	815,675
Sugarhouse HSP Gaming Prop Mezz LP 5.875%, 05/15/2025 (A)	270,000	268,650
The Gap, Inc. 3.875%, 10/01/2031 (A)	580,000	572,025
The Michaels Companies, Inc. 5.250%, 05/01/2028 (A) 7.875%, 05/01/2029 (A)	270,000 750,000	270,119 738,750
TopBuild Corp. 3.625%, 03/15/2029 (A)	550,000	554,125
Viking Cruises, Ltd. 5.875%, 09/15/2027 (A) 7.000%, 02/15/2029 (A) 13.000%, 05/15/2025 (A)	390,000 1,500,000 910,000	371,358 1,504,335 1,030,229
VOC Escrow, Ltd. 5.000%, 02/15/2028 (A)	1,525,000	1,509,750
WW International, Inc. 4.500%, 04/15/2029 (A)	800,000	765,800
Wynn Macau, Ltd. 4.875%, 10/01/2024 (A) 5.125%, 12/15/2029 (A) 5.625%, 08/26/2028 (A)	310,000 260,000 920,000	291,400 236,197 851,906
Wynn Resorts Finance LLC 7.750%, 04/15/2025 (A)	480,000	503,400
		34,576,981
Consumer staples – 1.1%		
Edgewell Personal Care Company 4.125%, 04/01/2029 (A)	340,000	342,550
Kraft Heinz Foods Company 5.200%, 07/15/2045 5.500%, 06/01/2050	300,000 220,000	381,442 297,855
Simmons Foods, Inc. 4.625%, 03/01/2029 (A)	590,000	581,150
Triton Water Holdings, Inc. 6.250%, 04/01/2029 (A)	610,000	585,051
Vector Group, Ltd. 10.500%, 11/01/2026 (A)	110,000	113,988
		2,302,036
Energy – 11.9%		
Antero Resources Corp. 5.375%, 03/01/2030 (A)	430,000	459,670

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Apache Corp. 7.750%, 12/15/2029 (B)	\$ 310,000	\$ 391,763
Berry Petroleum Company LLC 7.000%, 02/15/2026 (A)	1,290,000	1,277,100
Blue Racer Midstream LLC 6.625%, 07/15/2026 (A)	670,000	690,100
7.625%, 12/15/2025 (A)	310,000	328,600
Cheniere Energy Partners LP 4.000%, 03/01/2031	470,000	493,007
Chesapeake Energy Corp. 5.500%, 02/01/2026 (A)	80,000	84,200
CNX Midstream Partners LP 4.750%, 04/15/2030 (A)	740,000	737,225
Colgate Energy Partners III LLC 5.875%, 07/01/2029 (A)	1,320,000	1,359,600
Comstock Resources, Inc. 5.875%, 01/15/2030 (A)	380,000	389,500
7.500%, 05/15/2025 (A)	144,000	148,500
DCP Midstream Operating LP 6.450%, 11/03/2036 (A)	280,000	366,430
6.750%, 09/15/2037 (A)	590,000	789,214
Endeavor Energy Resources LP 5.750%, 01/30/2028 (A)	150,000	159,883
6.625%, 07/15/2025 (A)	320,000	338,570
Energy Transfer LP (6.500% to 11-15-26, then 5 Year CMT + 5.694%) 11/15/2026 (D)	180,000	183,150
EQM Midstream Partners LP 4.000%, 08/01/2024	120,000	124,650
5.500%, 07/15/2028	560,000	611,803
6.000%, 07/01/2025 (A)	240,000	261,000
6.500%, 07/01/2027 (A)	220,000	246,400
6.500%, 07/15/2048	240,000	291,601
EQT Corp. 3.125%, 05/15/2026 (A)	190,000	195,041
3.625%, 05/15/2031 (A)(B)	180,000	186,750
5.000%, 01/15/2029	590,000	653,425
6.625%, 02/01/2025	80,000	90,200
Howard Midstream Energy Partners LLC 6.750%, 01/15/2027 (A)	610,000	625,070
MEG Energy Corp. 7.125%, 02/01/2027 (A)	1,130,000	1,203,360
Northern Oil and Gas, Inc. 8.125%, 03/01/2028 (A)	850,000	896,750
Oasis Petroleum, Inc. 6.375%, 06/01/2026 (A)	990,000	1,037,025
Occidental Petroleum Corp. 4.100%, 02/15/2047	120,000	117,600
4.400%, 04/15/2046	180,000	184,500
6.125%, 01/01/2031	330,000	400,950
6.600%, 03/15/2046	390,000	506,025
8.875%, 07/15/2030	490,000	660,843
PBF Holding Company LLC 9.250%, 05/15/2025 (A)	210,000	199,763
Penn Virginia Holdings LLC 9.250%, 08/15/2026 (A)	1,310,000	1,359,125
Petrobras Global Finance BV 5.750%, 02/01/2029	100,000	107,625
6.850%, 06/05/2115	410,000	406,925
Range Resources Corp. 8.250%, 01/15/2029	490,000	546,350
9.250%, 02/01/2026	520,000	560,452
Southwestern Energy Company 4.750%, 02/01/2032	470,000	494,959

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Summit Midstream Holdings LLC 8.500%, 10/15/2026 (A)	\$ 320,000	\$ 333,418
Tallgrass Energy Partners LP 6.000%, 12/31/2030 (A)	730,000	730,000
Targa Resources Partners LP 4.875%, 02/01/2031	570,000	618,992
Venture Global Calcasieu Pass LLC 3.875%, 11/01/2033 (A)	530,000	556,807
Vesta Energy Corp. 10.000%, 10/15/2025 (A)	CAD 490,000	375,746
Western Midstream Operating LP 3.950%, 06/01/2025	\$ 110,000	115,274
4.350%, 02/01/2025	530,000	553,861
5.500%, 08/15/2048	580,000	692,822
6.500%, 02/01/2050	530,000	626,728
		24,768,352
Financials – 8.8%		
Acuris Finance U.S., Inc. 5.000%, 05/01/2028 (A)	200,000	199,000
AFC Gamma, Inc. 5.750%, 05/01/2027 (A)	530,000	523,657
AmWINS Group, Inc. 4.875%, 06/30/2029 (A)	920,000	929,200
Apollo Commercial Real Estate Finance, Inc. 4.625%, 06/15/2029 (A)	710,000	686,925
Banco Mercantil del Norte SA (6.875% to 7-6-22, then 5 Year CMT + 5.035%) 07/06/2022 (A)(D)	200,000	202,252
Barclays PLC (8.000% to 6-15-24, then 5 Year CMT + 5.672%) 06/15/2024 (D)	380,000	420,006
BNP Paribas SA (7.375% to 8-19-25, then 5 Year U.S. Swap Rate + 5.150%) 08/19/2025 (A)(D)	390,000	443,138
Burford Capital Global Finance LLC 6.250%, 04/15/2028 (A)	630,000	669,375
Citigroup, Inc. (5.950% to 5-15-25, then 3 month LIBOR + 3.905%) 05/15/2025 (D)	180,000	192,600
Citigroup, Inc. (6.300% to 5-15-24, then 3 month LIBOR + 3.423%) 05/15/2024 (D)	410,000	429,733
Coinbase Global, Inc. 3.625%, 10/01/2031 (A)	540,000	496,800
Compass Group Diversified Holdings LLC 5.250%, 04/15/2029 (A)	420,000	439,950
Credit Agricole SA (8.125% to 12-23-25, then 5 Year U.S. Swap Rate + 6.185%) 12/23/2025 (A)(D)	340,000	402,305
Credit Suisse Group AG (6.375% to 8-21-26, then 5 Year CMT + 4.822%) 08/21/2026 (A)(D)	430,000	463,454
Credit Suisse Group AG (7.250% to 9-12-25, then 5 Year ICE Swap Rate + 4.332%) 09/12/2025 (A)(D)	200,000	219,776
FirstCash, Inc. 4.625%, 09/01/2028 (A)	530,000	529,685
5.625%, 01/01/2030 (A)	440,000	448,439
Global Aircraft Leasing Company, Ltd. (6.500% Cash or 7.250% PIK) 6.500%, 09/15/2024 (A)	2,201,318	2,124,249

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Highlands Holdings Bond Issuer, Ltd. (7.625% Cash or 8.375% PIK) 7.625%, 10/15/2025 (A)	\$ 645,962	\$ 684,720
Intesa Sanpaolo SpA (4.198% to 6-1-31, then 1 Year CMT + 2.600%) 06/01/2032 (A)	460,000	463,990
Jane Street Group 4.500%, 11/15/2029 (A)	320,000	323,200
Ladder Capital Finance Holdings LLLP 4.250%, 02/01/2027 (A)	460,000	463,004
	300,000	307,500
LD Holdings Group LLC 6.125%, 04/01/2028 (A)	380,000	358,150
	700,000	690,655
Midcap Financial Issuer Trust 5.625%, 01/15/2030 (A)	380,000	380,990
	430,000	448,275
NMI Holdings, Inc. 7.375%, 06/01/2025 (A)	650,000	738,075
Rocket Mortgage LLC 3.875%, 03/01/2031 (A)	630,000	639,450
	650,000	658,372
Starwood Property Trust, Inc. 3.625%, 07/15/2026 (A)	770,000	766,150
StoneX Group, Inc. 8.625%, 06/15/2025 (A)	270,000	286,200
UBS Group AG (7.000% to 1-31-24, then 5 Year U.S. Swap Rate + 4.344%) 01/31/2024 (A)(D)	550,000	593,038
UniCredit SpA (5.459% to 6-30-30, then 5 Year CMT + 4.750%) 06/30/2035 (A)	720,000	784,463
		18,406,776
Health care – 8.0%		
AdaptHealth LLC 4.625%, 08/01/2029 (A)	460,000	460,000
	760,000	773,300
Akumin, Inc. 7.000%, 11/01/2025 (A)	720,000	685,224
Bausch Health Americas, Inc. 8.500%, 01/31/2027 (A)	520,000	546,000
	810,000	855,563
Bausch Health Companies, Inc. 6.250%, 02/15/2029 (A)	490,000	465,618
Cano Health LLC 6.250%, 10/01/2028 (A)	420,000	420,012
Centene Corp. 4.625%, 12/15/2029	500,000	539,230
Community Health Systems, Inc. 6.125%, 04/01/2030 (A)	1,230,000	1,216,864
	500,000	517,500
	390,000	397,313
Endo Luxembourg Finance Company I Sarl 6.125%, 04/01/2029 (A)	550,000	539,000
HCA, Inc. 5.625%, 09/01/2028	800,000	934,792
Mozart Debt Merger Sub, Inc. 3.875%, 04/01/2029 (A)	1,070,000	1,066,223
	1,790,000	1,814,416
Option Care Health, Inc. 4.375%, 10/31/2029 (A)	540,000	541,350
Par Pharmaceutical, Inc. 7.500%, 04/01/2027 (A)	620,000	633,597

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Radiology Partners, Inc. 9.250%, 02/01/2028 (A)	\$ 460,000	\$ 483,055
RegionalCare Hospital Partners Holdings, Inc. 9.750%, 12/01/2026 (A)	400,000	422,680
Tenet Healthcare Corp. 4.625%, 06/15/2028 (A)	440,000	452,100
Teva Pharmaceutical Finance Company LLC 6.150%, 02/01/2036 (B)	340,000	356,422
Teva Pharmaceutical Finance Netherlands III BV 5.125%, 05/09/2029	1,390,000	1,362,631
	530,000	567,100
U.S. Renal Care, Inc. 10.625%, 07/15/2027 (A)	650,000	659,750
		16,709,740
Industrials – 11.7%		
AerCap Ireland Capital DAC 3.300%, 01/30/2032	160,000	163,003
Air Canada 3.875%, 08/15/2026 (A)	460,000	469,200
Allied Universal Holdco LLC 4.625%, 06/01/2028 (A)	300,000	294,446
	430,000	418,175
	360,000	377,712
Alta Equipment Group, Inc. 5.625%, 04/15/2026 (A)	650,000	668,532
American Airlines, Inc. 5.500%, 04/20/2026 (A)	370,000	384,754
	610,000	651,919
Anagram International, Inc. (5.000% Cash and 5.000% PIK) 10.000%, 08/15/2026 (A)	79,268	82,439
ATS Automation Tooling Systems, Inc. 4.125%, 12/15/2028 (A)	300,000	302,250
Brundage-Bone Concrete Pumping Holdings, Inc. 6.000%, 02/01/2026 (A)	650,000	676,000
CoreCivic, Inc. 4.625%, 05/01/2023	110,000	111,650
	1,070,000	1,118,150
Cornerstone Building Brands, Inc. 6.125%, 01/15/2029 (A)	430,000	459,606
Covert Mergeco, Inc. 4.875%, 12/01/2029 (A)	350,000	355,250
CP Atlas Buyer, Inc. 7.000%, 12/01/2028 (A)	440,000	437,800
Delta Air Lines, Inc. 4.750%, 10/20/2028 (A)	470,000	513,231
Doman Building Materials Group, Ltd. 5.250%, 05/15/2026 (A)	CAD 590,000	460,591
Foundation Building Materials, Inc. 6.000%, 03/01/2029 (A)	\$ 300,000	294,750
H&E Equipment Services, Inc. 3.875%, 12/15/2028 (A)	920,000	913,100
Hawaiian Brand Intellectual Property, Ltd. 5.750%, 01/20/2026 (A)	510,000	533,588
Legends Hospitality Holding Company LLC 5.000%, 02/01/2026 (A)	850,000	854,250
Madison IAQ LLC 5.875%, 06/30/2029 (A)	900,000	900,000

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
Mileage Plus Holdings LLC 6.500%, 06/20/2027 (A)	\$ 500,000	\$ 533,750
Park-Ohio Industries, Inc. 6.625%, 04/15/2027	270,000	262,035
PGT Innovations, Inc. 4.375%, 10/01/2029 (A)	360,000	361,800
PM General Purchaser LLC 9.500%, 10/01/2028 (A)	680,000	688,952
Prime Security Services Borrower LLC 3.375%, 08/31/2027 (A)	390,000	376,502
5.750%, 04/15/2026 (A)	470,000	504,625
6.250%, 01/15/2028 (A)	920,000	959,100
Resideo Funding, Inc. 4.000%, 09/01/2029 (A)	630,000	618,021
Ritchie Bros Holdings, Inc. 4.750%, 12/15/2031 (A)	280,000	292,250
Roller Bearing Company of America, Inc. 4.375%, 10/15/2029 (A)	730,000	744,600
Sensata Technologies BV 4.000%, 04/15/2029 (A)	410,000	418,713
Spirit Loyalty Cayman, Ltd. 8.000%, 09/20/2025 (A)	546,000	602,830
SRM Escrow Issuer LLC 6.000%, 11/01/2028 (A)	770,000	822,014
The ADT Security Corp. 4.125%, 08/01/2029 (A)	650,000	640,250
Titan International, Inc. 7.000%, 04/30/2028	670,000	713,550
TK Elevator U.S. Newco, Inc. 5.250%, 07/15/2027 (A)	450,000	473,063
TransDigm, Inc. 4.625%, 01/15/2029	770,000	767,444
8.000%, 12/15/2025 (A)	200,000	210,994
United Airlines 2014-1 Class B Pass Through Trust 4.750%, 04/11/2022	57,639	58,142
United Airlines 2020-1 Class B Pass Through Trust 4.875%, 01/15/2026	269,400	279,521
United Airlines, Inc. 4.375%, 04/15/2026 (A)	120,000	125,128
4.625%, 04/15/2029 (A)	230,000	237,188
United Rentals North America, Inc. 4.875%, 01/15/2028	640,000	672,560
5.250%, 01/15/2030	400,000	433,000
Vertiv Group Corp. 4.125%, 11/15/2028 (A)	760,000	767,600
XPO CNW, Inc. 6.700%, 05/01/2034	370,000	454,349
		24,458,377
Information technology – 4.9%		
Alliance Data Systems Corp. 4.750%, 12/15/2024 (A)	510,000	520,368
Block, Inc. 3.500%, 06/01/2031 (A)	590,000	604,750
CA Magnum Holdings 5.375%, 10/31/2026 (A)	410,000	423,838
Clarivate Science Holdings Corp. 4.875%, 07/01/2029 (A)	480,000	486,778
CommScope, Inc. 4.750%, 09/01/2029 (A)	540,000	536,657
8.250%, 03/01/2027 (A)	1,310,000	1,346,274
Elastic NV 4.125%, 07/15/2029 (A)	570,000	563,947

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Gartner, Inc. 3.625%, 06/15/2029 (A)	\$ 600,000	\$ 606,630
3.750%, 10/01/2030 (A)	140,000	143,136
Helios Software Holdings, Inc. 4.625%, 05/01/2028 (A)	530,000	520,725
MPH Acquisition Holdings LLC 5.750%, 11/01/2028 (A)(B)	610,000	580,110
NCR Corp. 5.125%, 04/15/2029 (A)	300,000	310,560
Open Text Corp. 3.875%, 02/15/2028 (A)	250,000	254,813
Open Text Holdings, Inc. 4.125%, 02/15/2030 (A)	220,000	226,600
Paysafe Finance PLC 4.000%, 06/15/2029 (A)	750,000	695,625
Rackspace Technology Global, Inc. 3.500%, 02/15/2028 (A)	630,000	599,741
Rocket Software, Inc. 6.500%, 02/15/2029 (A)	440,000	429,264
Shift4 Payments LLC 4.625%, 11/01/2026 (A)	680,000	704,487
Vericast Corp. 11.000%, 09/15/2026 (A)	650,000	687,376
		10,241,679
Materials – 4.1%		
ARD Finance SA (6.500% Cash or 7.250% PIK) 6.500%, 06/30/2027 (A)	660,000	679,800
Ardagh Metal Packaging Finance USA LLC 3.250%, 09/01/2028 (A)	200,000	197,755
4.000%, 09/01/2029 (A)	800,000	792,600
Ardagh Packaging Finance PLC 5.250%, 08/15/2027 (A)	690,000	694,313
Ball Corp. 3.125%, 09/15/2031	530,000	523,375
Cascades, Inc. 5.375%, 01/15/2028 (A)	530,000	543,844
First Quantum Minerals, Ltd. 6.500%, 03/01/2024 (A)	420,000	425,250
6.875%, 03/01/2026 to 10/15/2027 (A)	1,450,000	1,523,438
7.500%, 04/01/2025 (A)	210,000	216,027
Freeport-McMoRan, Inc. 4.625%, 08/01/2030	160,000	171,600
5.450%, 03/15/2043	500,000	628,545
Hudbay Minerals, Inc. 4.500%, 04/01/2026 (A)	240,000	240,000
6.125%, 04/01/2029 (A)	290,000	307,512
LSF11 A5 HoldCo LLC 6.625%, 10/15/2029 (A)	530,000	522,050
Midwest Vanadium Pty, Ltd. 11.500%, 02/15/2018 (A)(C)	913,644	1,754
Northwest Acquisitions ULC 7.125%, 11/01/2022 (A)(C)	950,000	10
Olin Corp. 5.000%, 02/01/2030	420,000	441,000
Summit Materials LLC 5.250%, 01/15/2029 (A)	560,000	586,544
		8,495,417
Real estate – 4.3%		
Diversified Healthcare Trust 4.375%, 03/01/2031	250,000	240,104
4.750%, 02/15/2028	930,000	910,042
9.750%, 06/15/2025	340,000	367,863
Five Point Operating Company LP 7.875%, 11/15/2025 (A)	800,000	834,480

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

High Yield Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate (continued)		
Forestar Group, Inc. 3.850%, 05/15/2026 (A)	\$ 550,000	\$ 551,375
5.000%, 03/01/2028 (A)	250,000	256,563
IIP Operating Partnership LP 5.500%, 05/25/2026	860,000	910,421
Iron Mountain Information Management Services, Inc. 5.000%, 07/15/2032 (A)	450,000	460,562
Kennedy-Wilson, Inc. 5.000%, 03/01/2031	400,000	412,000
MPT Operating Partnership LP 3.500%, 03/15/2031	200,000	202,250
4.625%, 08/01/2029	560,000	590,800
Park Intermediate Holdings LLC 5.875%, 10/01/2028 (A)	390,000	405,600
Realogy Group LLC 5.750%, 01/15/2029 (A)	180,000	184,500
7.625%, 06/15/2025 (A)	620,000	657,200
Service Properties Trust 5.500%, 12/15/2027	400,000	410,512
The GEO Group, Inc. 5.875%, 10/15/2024 (B)	810,000	712,800
6.000%, 04/15/2026	945,000	762,426
		8,869,498
Utilities – 1.0%		
Calpine Corp. 5.000%, 02/01/2031 (A)	490,000	490,000
Suburban Propane Partners LP 5.000%, 06/01/2031 (A)	340,000	343,825
Sunnova Energy Corp. 5.875%, 09/01/2026 (A)	480,000	489,600
Superior Plus LP 4.500%, 03/15/2029 (A)	290,000	298,074
Talen Energy Supply LLC 6.625%, 01/15/2028 (A)	410,000	359,775
7.250%, 05/15/2027 (A)	110,000	97,350
7.625%, 06/01/2028 (A)	100,000	89,010
		2,167,634
TOTAL CORPORATE BONDS (Cost \$175,837,218)		\$ 176,145,177
CONVERTIBLE BONDS – 1.1%		
Communication services – 0.3%		
DISH Network Corp. 3.375%, 08/15/2026	530,000	501,673
Consumer discretionary – 0.2%		
Chegg, Inc. 4.079%, 09/01/2026 (E)	50,000	41,375
DraftKings, Inc. 4.610%, 03/15/2028 (A)(E)	400,000	301,200
Liberty Latin America, Ltd. 2.000%, 07/15/2024	70,000	68,775
		411,350
Financials – 0.1%		
Apollo Commercial Real Estate Finance, Inc. 4.750%, 08/23/2022	130,000	130,488
Health care – 0.2%		
Halozyne Therapeutics, Inc. 0.250%, 03/01/2027 (A)	530,000	472,031

High Yield Trust (continued)

	Shares or Principal Amount	Value
CONVERTIBLE BONDS (continued)		
Industrials – 0.3%		
Spirit Airlines, Inc. 1.000%, 05/15/2026	\$ 820,000	\$ 706,873
TOTAL CONVERTIBLE BONDS (Cost \$2,357,745)		\$ 2,222,415
TERM LOANS (F) – 4.7%		
Consumer discretionary – 1.9%		
Adtalem Global Education, Inc., 2021 Term Loan B (3 month LIBOR + 4.500%) 5.250%, 08/12/2028	830,000	831,212
Equinox Holdings, Inc., 2020 Term Loan B2 (3 month LIBOR + 9.000%) 10.000%, 03/08/2024	374,300	380,850
First Brands Group LLC, 2021 Term Loan (3 month LIBOR + 5.000%) 6.000%, 03/30/2027	348,250	349,295
Great Outdoors Group LLC, 2021 Term Loan B1 (3 month LIBOR + 3.750%) 4.500%, 03/06/2028	326,706	326,775
PetSmart, Inc., 2021 Term Loan B (3 month LIBOR + 3.750%) 4.500%, 02/11/2028	508,725	509,046
Rent-A-Center, Inc., 2021 1st Lien Term Loan B (1 month LIBOR + 3.250%) 3.750%, 02/17/2028	595,500	593,642
Spencer Spirit IH LLC, Term Loan B (1 month LIBOR + 6.000%) 6.104%, 06/19/2026	600,862	597,708
Truck Hero, Inc., 2021 Term Loan B (1 month LIBOR + 3.250%) 4.000%, 01/31/2028	347,375	345,124
		3,933,652
Financials – 0.4%		
Acrisure LLC, 2020 Term Loan B (3 month LIBOR + 3.500%) 3.724%, 02/15/2027	451,950	446,301
Amerilife Holdings LLC, 2020 Term Loan (1 month LIBOR + 4.000%) 4.104%, 03/18/2027	147,774	147,146
Deerfield Dakota Holding LLC, 2021 USD 2nd Lien Term Loan (1 month LIBOR + 6.750%) 7.500%, 04/07/2028	190,000	193,325
		786,772
Health care – 0.5%		
Eyecare Partners LLC, 2020 Term Loan (3 month LIBOR + 3.750%) 3.974%, 02/18/2027	491,990	488,762
US Renal Care, Inc., 2019 Term Loan B (1 month LIBOR + 5.000%) 5.104%, 06/26/2026	644,432	625,344
		1,114,106
Industrials – 0.3%		
CoreCivic, Inc., 2019 Term Loan (1 month LIBOR + 4.500%) 5.500%, 12/18/2024	125,950	124,901
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 6.250%, 06/21/2027	450,000	473,909
		598,810
Information technology – 1.4%		
Dcert Buyer, Inc., 2021 2nd Lien Term Loan (1 month LIBOR + 7.000%) 7.104%, 02/19/2029	820,000	820,000

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

High Yield Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (F) (continued)		
Information technology (continued)		
Global Tel*Link Corp., 2018 1st Lien Term Loan (1 month LIBOR + 4.250%) 4.354%, 11/29/2025	\$ 651,781	\$ 632,227
Peraton Corp., Term Loan B (1 month LIBOR + 3.750%) 4.500%, 02/01/2028	426,775	426,621
Redstone Holdco 2 LP, 2021 2nd Lien Term Loan (3 month LIBOR + 7.750%) 8.500%, 04/27/2029	520,000	477,532
Redstone Holdco 2 LP, 2021 Term Loan (3 month LIBOR + 4.750%) 5.500%, 04/27/2028	468,825	446,701
Vericast Corp., 2021 Term Loan (3 month LIBOR + 7.750%) 8.750%, 06/16/2026	148,729	134,600
		2,937,681
Materials – 0.2%		
Arctic Canadian Diamond Company, Ltd., 2nd Lien PIK Term Loan (3 month LIBOR + 5.000% or 12.500% PIK) 5.000%, 12/31/2027 (G)	470,366	470,366
TOTAL TERM LOANS (Cost \$9,851,673)		\$ 9,841,387
ASSET BACKED SECURITIES – 4.1%		
Balboa Bay Loan Funding, Ltd. Series 2020-1A, Class ER (3 month LIBOR + 6.400%) 6.570%, 01/20/2032 (A)(H)	500,000	499,997
Ballyrock CLO, Ltd. Series 2016-1A, Class ER (3 month LIBOR + 6.950%) 7.191%, 10/15/2028 (A)(H)	250,000	250,180
Barings CLO, Ltd. Series 2020-4A, Class E (3 month LIBOR + 5.680%) 5.904%, 01/20/2032 (A)(H)	330,000	321,957
Benefit Street Partners CLO XI, Ltd. Series 2017-12A, Class C (3 month LIBOR + 3.050%) 3.291%, 10/15/2030 (A)(H)	250,000	245,125
BlueMountain CLO, Ltd. Series 2015-2A, Class ER (3 month LIBOR + 5.200%) 5.423%, 07/18/2027 (A)(H)	250,000	244,325
Series 2016-2A, Class DR (3 month LIBOR + 7.790%) 7.972%, 08/20/2032 (A)(H)	300,000	302,000
Bristol Park CLO, Ltd. Series 2016-1A, Class ER (3 month LIBOR + 7.000%) 7.241%, 04/15/2029 (A)(H)	250,000	250,031
Carlyle US CLO, Ltd. Series 2017-2A, Class C (3 month LIBOR + 3.700%) 3.924%, 07/20/2031 (A)(H)	500,000	482,301
Catskill Park CLO, Ltd. Series 2017-1A, Class D (3 month LIBOR + 6.000%) 6.224%, 04/20/2029 (A)(H)	500,000	491,972
Cook Park CLO, Ltd. Series 2018-1A, Class E (3 month LIBOR + 5.400%) 5.623%, 04/17/2030 (A)(H)	250,000	243,071

High Yield Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Dryden CLO, Ltd. Series 2019-75A, Class ER2 (3 month LIBOR + 6.600%) 6.784%, 04/15/2034 (A)(H)	\$ 470,000	\$ 465,177
Eaton Vance CLO, Ltd. Series 2020-2A, Class ER (3 month LIBOR + 6.500%) 6.655%, 01/15/2035 (A)(H)	440,000	440,000
Goldentree Loan Management U.S. CLO 6, Ltd. Series 2019-6A, Class E (3 month LIBOR + 5.220%) 5.408%, 01/20/2033 (A)(H)	250,000	240,151
Greenwood Park CLO, Ltd. Series 2018-1A, Class D (3 month LIBOR + 2.500%) 2.741%, 04/15/2031 (A)(H)	290,000	283,880
Series 2018-1A, Class E (3 month LIBOR + 4.950%) 5.191%, 04/15/2031 (A)(H)	250,000	238,117
Greywolf CLO IV, Ltd. Series 2019-1RA, Class CR (3 month LIBOR + 3.650%) 3.831%, 04/17/2034 (A)(H)	250,000	249,811
Grippen Park CLO, Ltd. Series 2017-1A, Class E (3 month LIBOR + 5.700%) 5.924%, 01/20/2030 (A)(H)	420,000	413,047
Magnetite XII, Ltd. Series 2015-12A, Class ER (3 month LIBOR + 5.680%) 5.921%, 10/15/2031 (A)(H)	300,000	295,155
MKS CLO, Ltd. Series 2017-2A, Class D (3 month LIBOR + 2.650%) 2.874%, 01/20/2031 (A)(H)	500,000	476,319
Mountain View CLO IX, Ltd. Series 2015-9A, Class CR (3 month LIBOR + 3.120%) 3.304%, 07/15/2031 (A)(H)	250,000	237,159
Neuberger Berman CLO XVIII, Ltd. Series 2014-18A, Class DR2 (3 month LIBOR + 5.920%) 6.144%, 10/21/2030 (A)(H)	250,000	245,136
Oaktree CLO, Ltd. Series 2015-1A, Class DR (3 month LIBOR + 5.200%) 5.424%, 10/20/2027 (A)(H)	250,000	246,456
Saranac CLO III, Ltd. Series 2014-3A, Class DR (3 month LIBOR + 3.250%) 3.437%, 06/22/2030 (A)(H)	570,000	528,008
Sculptor CLO XXVI, Ltd. Series 2026-A, Class E (3 month LIBOR + 7.250%) 7.412%, 07/20/2034 (A)(H)	280,000	276,955
Venture XVII CLO, Ltd. Series 2014-17A, Class DRR (3 month LIBOR + 2.820%) 3.061%, 04/15/2027 (A)(H)	350,000	337,757
Series 2014-17A, Class ERR (3 month LIBOR + 5.740%) 5.981%, 04/15/2027 (A)(H)	350,000	306,757
TOTAL ASSET BACKED SECURITIES (Cost \$8,611,757)		\$ 8,610,844

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

High Yield Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS – 0.6%		
Communication services – 0.0%		
New Cotai, Inc., Class B (G)(I)(J)	3	\$ 0
Vertis Holdings, Inc. (G)(J)	69,391	0
		0
Consumer discretionary – 0.0%		
Party City Holdco, Inc. (J)	14,174	78,949
Energy – 0.6%		
Berry Corp.	79,225	667,075
Hercules Offshore, Inc. (B)(G)(J)	45,689	0
KCAD Holdings I, Ltd. (G)(I)(J)	165,553,563	166
MWO Holdings LLC (G)(I)(J)	445	3,369
Oasis Petroleum, Inc.	4,235	533,568
Permian Production (J)	19,583	979
		1,205,157
TOTAL COMMON STOCKS (Cost \$7,243,181)		\$ 1,284,106
PREFERRED SECURITIES – 0.9%		
Energy – 0.5%		
MPLX LP, 8.462% (G)	16,445	546,796
Targa Resources Corp., 9.500%	470	506,061
		1,052,857
Financials – 0.4%		
B. Riley Financial, Inc., 5.000%	13,375	336,649
B. Riley Financial, Inc., 5.250%	9,825	245,723
B. Riley Financial, Inc., 6.000%	13,075	333,674
		916,046
TOTAL PREFERRED SECURITIES (Cost \$1,934,838)		\$ 1,968,903
ESCROW CERTIFICATES – 0.0%		
Adelphia Communications Corp. (G)(J)	\$ 3,000,000	0
Adelphia Communications Corp. (G)(J)	2,050,000	0
Adelphia Communications Corp. (G)(J)	1,025,000	0
TOTAL ESCROW CERTIFICATES (Cost \$342,202)		\$ 0
SHORT-TERM INVESTMENTS – 3.1%		
Short-term funds – 3.1%		
John Hancock Collateral Trust, 0.1697% (K)(L)	572,398	5,725,696
State Street Institutional Treasury Plus Money Market Fund, Premier Class, 0.0101% (K)	799,837	799,837
TOTAL SHORT-TERM INVESTMENTS (Cost \$6,526,231)		\$ 6,525,533
Total Investments (High Yield Trust) (Cost \$214,550,074) – 99.5%		\$ 207,825,568
Other assets and liabilities, net – 0.5%		954,449
TOTAL NET ASSETS – 100.0%		\$ 208,780,017

High Yield Trust (continued)

Currency Abbreviations

BRL	Brazilian Real
CAD	Canadian Dollar
IDR	Indonesian Rupiah

Security Abbreviations and Legend

CMT	Constant Maturity Treasury
ICE	Intercontinental Exchange
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.
(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 \$145,022,294 or 69.5% of the fund's net assets as of 12-31-21.
(B)	All or a portion of this security is on loan as of 12-31-21.
(C)	Non-income producing - Issuer is in default.
(D)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(E)	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.
(F)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(G)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.
(H)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(I)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to financial statements.
(J)	Non-income producing security.
(K)	The rate shown is the annualized seven-day yield as of 12-31-21.
(L)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
5-Year U.S. Treasury Note Futures	81	Long	Mar 2022	\$9,785,690	\$9,799,102	\$13,412
						\$13,412

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

FORWARD FOREIGN CURRENCY CONTRACTS

Contract to buy		Contract to sell		Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
EUR	442,617	USD	512,482	BNP	1/18/2022	—	\$(8,423)
MXN	1,174,325	USD	55,808	MSCS	1/18/2022	\$1,412	—
USD	666,027	CAD	836,249	MSCS	1/18/2022	4,943	—
						\$6,355	\$(8,423)

SWAPS

Credit default swaps - Seller

Counterparty (OTC)/ Centrally cleared	Reference obligation	Implied credit spread	Notional amount	Currency	USD notional amount	Received fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Centrally cleared	Ford Motor Credit Company LLC	0.819%	300,000	USD	\$300,000	5.000%	Quarterly	Jun 2023	\$(9,578)	\$28,519	\$18,941
Centrally cleared	Occidental Petroleum Corp.	1.601%	750,000	USD	750,000	1.000%	Quarterly	Jun 2026	(30,817)	11,983	(18,834)
						\$1,050,000			\$(40,395)	\$40,502	\$107

Derivatives Currency Abbreviations

CAD	Canadian Dollar
EUR	Euro
MXN	Mexican Peso
USD	U.S. Dollar

Derivatives Abbreviations

BNP	BNP Paribas
MSCS	Morgan Stanley Capital Services LLC
OTC	Over-the-counter

See Notes to financial statements regarding investment transactions and other derivatives information.

Investment Quality Bond Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 72.1%		
U.S. Government – 33.6%		
U.S. Treasury Bonds		
1.250%, 05/15/2050	\$ 1,335,000	\$ 1,133,655
1.750%, 08/15/2041	4,075,000	3,950,840
1.875%, 02/15/2051	2,545,000	2,517,959
2.000%, 11/15/2041	2,265,000	2,290,835
2.250%, 08/15/2046	3,655,000	3,864,591
2.500%, 02/15/2045 (A)	1,204,000	1,324,071
2.500%, 02/15/2046	648,000	715,812
2.875%, 05/15/2043	1,170,000	1,359,577
3.000%, 11/15/2044 to 02/15/2048	9,575,000	11,544,934
3.125%, 02/15/2043 to 05/15/2048	5,300,000	6,530,547
3.125%, 08/15/2044 (A)	5,535,000	6,721,349
3.375%, 05/15/2044	1,690,000	2,127,618
3.625%, 08/15/2043	680,000	882,088
3.750%, 11/15/2043 (A)	2,908,000	3,845,716
4.375%, 11/15/2039	1,170,000	1,630,642
5.375%, 02/15/2031	3,000	4,015
6.500%, 11/15/2026	3,135,000	3,911,892
U.S. Treasury Inflation Protected Securities		
0.125%, 02/15/2051	201,797	238,828
0.375%, 01/15/2027	726,891	799,469
0.750%, 07/15/2028	176,253	201,831
0.875%, 02/15/2047	1,036,678	1,399,359
1.000%, 02/15/2048	246,693	345,734
U.S. Treasury Notes		
0.375%, 01/31/2026	1,610,000	1,557,549
0.625%, 05/15/2030 to 08/15/2030	16,445,000	15,372,224

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government (continued)		
U.S. Treasury Notes (continued)		
0.875%, 11/15/2030	\$ 1,425,000	\$ 1,354,808
1.375%, 11/15/2031	1,155,000	1,140,382
1.625%, 05/15/2031	6,790,000	6,875,936
2.750%, 02/15/2028	6,865,000	7,419,563
		91,061,824
U.S. Government Agency – 38.5%		
Federal Home Loan Mortgage Corp.		
3.000%, 12/01/2046 to 04/01/2048	305,216	320,117
3.500%, 03/01/2048 to 06/01/2048	906,742	958,147
5.000%, 12/01/2034	92,429	102,311
6.500%, 04/01/2029 to 08/01/2034	6,087	7,110
7.500%, 12/01/2025 to 05/01/2028	1,691	1,876
Federal National Mortgage Association		
2.000%, TBA (B)	41,590,000	41,580,241
2.500%, TBA (B)	8,000,000	8,168,754
2.500%, 07/01/2030 to 04/01/2045	801,449	822,906
2.660%, 03/01/2027	789,501	825,213
2.720%, 03/01/2027	712,655	746,732
3.000%, TBA (B)	5,900,000	6,114,566
3.500%, 06/01/2046 to 05/01/2048	3,305,623	3,501,735
4.000%, TBA (B)	5,800,000	6,169,524
4.500%, TBA (B)	3,300,000	3,537,188
5.000%, TBA (B)	1,800,000	1,959,752
Government National Mortgage Association		
2.000%, TBA (B)	4,200,000	4,240,468

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Government National Mortgage Association (continued)		
3.000%, TBA (B)	\$ 11,500,000	\$ 11,904,801
3.500%, TBA (B)	5,400,000	5,623,733
4.000%, TBA (B)	2,600,000	2,736,008
4.000%, 11/15/2040 to 02/15/2042	25,772	27,943
4.500%, TBA (B)	4,600,000	4,862,308
6.000%, 08/15/2032 to 04/15/2035	32,297	36,669
6.500%, 06/15/2028 to 02/15/2035	17,856	19,730
7.000%, 11/15/2031 to 11/15/2033	85,015	94,445
		104,362,277
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$193,070,144)		\$ 195,424,101
FOREIGN GOVERNMENT OBLIGATIONS – 5.9%		
Angola – 0.1%		
Republic of Angola		
8.000%, 11/26/2029	200,000	196,809
8.250%, 05/09/2028	200,000	200,545
		397,354
Argentina – 0.0%		
Republic of Argentina		
1.000%, 07/09/2029	5,292	1,918
(1.125% to 7-9-22, then 1.500% to 7-9-23, then 3.625% to 7-9-24, then 4.125% to 7-9-27, then 4.750% to 7-9-28, then 5.000% thereafter), 07/09/2035	155,241	49,679
		51,597
Benin – 0.1%		
Republic of Benin		
4.950%, 01/22/2035	EUR 305,000	330,776
Bermuda – 0.1%		
Government of Bermuda		
2.375%, 08/20/2030 (C)	\$ 200,000	199,500
Brazil – 0.7%		
Federative Republic of Brazil		
3.875%, 06/12/2030	990,000	960,300
10.000%, 01/01/2031	BRL 5,476,000	942,947
		1,903,247
Chile – 0.1%		
Republic of Chile		
3.250%, 09/21/2071	\$ 200,000	185,000
Colombia – 0.4%		
Republic of Colombia		
3.875%, 04/25/2027	605,000	609,538
5.000%, 06/15/2045	200,000	180,500
5.625%, 02/26/2044	200,000	193,624
		983,662
Croatia – 0.2%		
Republic of Croatia		
1.500%, 06/17/2031	EUR 515,000	606,705
Dominican Republic – 0.2%		
Government of Dominican Republic		
6.400%, 06/05/2049 (C)	\$ 425,000	446,254
Egypt – 0.1%		
Arab Republic of Egypt		
7.625%, 05/29/2032 (C)	210,000	198,574
Ghana – 0.1%		
Republic of Ghana		
6.375%, 02/11/2027 (C)	200,000	168,388

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Hungary – 0.3%		
Republic of Hungary		
1.625%, 04/28/2032	EUR 650,000	\$ 771,687
Indonesia – 0.2%		
Republic of Indonesia		
1.100%, 03/12/2033	530,000	581,225
Ivory Coast – 0.1%		
Republic of Ivory Coast		
4.875%, 01/30/2032	225,000	245,734
Jordan – 0.1%		
The Hashemite Kingdom of Jordan		
5.850%, 07/07/2030	\$ 210,000	212,127
Macedonia – 0.2%		
Republic of Macedonia		
3.675%, 06/03/2026 (C)	EUR 265,000	319,042
Republic of North Macedonia		
2.750%, 01/18/2025	210,000	244,285
		563,327
Mexico – 1.2%		
Government of Mexico		
1.125%, 01/17/2030	200,000	220,540
1.450%, 10/25/2033	600,000	633,261
2.659%, 05/24/2031	\$ 200,000	195,002
4.280%, 08/14/2041	235,000	243,519
4.750%, 04/27/2032 to 03/08/2044	311,000	348,414
7.750%, 05/29/2031	MXN 35,584,600	1,756,750
		3,397,486
Oman – 0.1%		
Sultanate of Oman		
6.750%, 01/17/2048 (C)	\$ 400,000	406,440
Panama – 0.3%		
Republic of Panama		
3.870%, 07/23/2060	585,000	585,000
4.300%, 04/29/2053	200,000	214,702
		799,702
Philippines – 0.3%		
Republic of the Philippines		
1.200%, 04/28/2033	EUR 535,000	603,479
1.750%, 04/28/2041	200,000	225,529
		829,008
Romania – 0.4%		
Republic of Romania		
2.625%, 12/02/2040 (C)	335,000	338,746
2.750%, 04/14/2041	175,000	177,588
3.375%, 02/08/2038	170,000	194,077
4.625%, 04/03/2049	317,000	406,465
		1,116,876
Saudi Arabia – 0.2%		
Kingdom of Saudi Arabia		
2.000%, 07/09/2039	400,000	479,913
Senegal – 0.2%		
Republic of Senegal		
4.750%, 03/13/2028	200,000	230,738
6.250%, 05/23/2033	\$ 255,000	262,459
		493,197
Serbia – 0.1%		
Republic of Serbia		
1.650%, 03/03/2033 (C)	EUR 330,000	348,861

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
United Arab Emirates – 0.1%		
Finance Department Government of Sharjah 3.625%, 03/10/2033 (C)	\$ 280,000	\$ 274,362
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$17,068,162)		\$ 15,991,002
CORPORATE BONDS – 26.7%		
Communication services – 2.7%		
AT&T, Inc.		
3.500%, 02/01/2061	45,000	44,249
3.550%, 09/15/2055	798,000	800,896
3.650%, 06/01/2051	215,000	222,664
3.800%, 12/01/2057	51,000	53,094
CCO Holdings LLC		
4.500%, 08/15/2030 (C)	70,000	71,623
Charter Communications Operating LLC		
5.050%, 03/30/2029	95,000	108,756
5.750%, 04/01/2048	125,000	155,882
6.484%, 10/23/2045	250,000	341,397
6.834%, 10/23/2055	40,000	57,205
Comcast Corp.		
2.887%, 11/01/2051 (C)	21,000	20,328
2.937%, 11/01/2056 (C)	71,000	67,630
2.987%, 11/01/2063 (C)	77,000	73,075
3.250%, 11/01/2039	35,000	36,926
3.750%, 04/01/2040	335,000	375,041
Cox Communications, Inc.		
2.600%, 06/15/2031 (C)	170,000	169,807
CSC Holdings LLC		
3.375%, 02/15/2031 (C)	430,000	402,588
Discovery Communications LLC		
3.800%, 03/13/2024	80,000	83,912
3.950%, 06/15/2025	12,000	12,782
4.000%, 09/15/2055	246,000	259,892
5.300%, 05/15/2049	100,000	125,204
IHS Holding, Ltd.		
6.250%, 11/29/2028 (C)	200,000	202,500
Lamar Media Corp.		
3.625%, 01/15/2031	30,000	29,214
3.750%, 02/15/2028	10,000	10,025
Sirius XM Radio, Inc.		
4.125%, 07/01/2030 (C)	40,000	40,000
Sprint Corp.		
7.125%, 06/15/2024	85,000	95,426
Telecom Italia Capital SA		
6.000%, 09/30/2034	15,000	15,865
7.721%, 06/04/2038	25,000	29,382
Telefonica Celular del Paraguay SA		
5.875%, 04/15/2027 (C)	400,000	414,000
Time Warner Cable LLC		
4.500%, 09/15/2042	455,000	496,046
5.875%, 11/15/2040	65,000	81,114
T-Mobile USA, Inc.		
2.050%, 02/15/2028	185,000	183,632
2.700%, 03/15/2032 (C)	120,000	120,739
3.500%, 04/15/2025	320,000	339,032
3.875%, 04/15/2030	145,000	158,594
4.500%, 04/15/2050	140,000	163,856
VEON Holdings BV		
3.375%, 11/25/2027 (C)	225,000	219,476
Verizon Communications, Inc.		
2.650%, 11/20/2040	70,000	66,515
2.850%, 09/03/2041	90,000	88,788
3.400%, 03/22/2041	95,000	99,460
4.272%, 01/15/2036	15,000	17,595

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Verizon		
Communications, Inc. (continued) 4.400%, 11/01/2034	\$ 225,000	\$ 262,078
Videotron, Ltd.		
5.375%, 06/15/2024 (C)	40,000	42,800
Vodafone Group PLC		
6.150%, 02/27/2037	120,000	162,673
WMG Acquisition Corp.		
3.875%, 07/15/2030 (C)	450,000	457,313
		7,279,074
Consumer discretionary – 1.5%		
Amazon.com, Inc.		
3.875%, 08/22/2037	170,000	199,807
AutoZone, Inc.		
3.625%, 04/15/2025	55,000	58,650
Ford Motor Company		
3.250%, 02/12/2032	35,000	35,840
General Motors Company		
5.200%, 04/01/2045	80,000	98,980
General Motors Financial Company, Inc.		
1.250%, 01/08/2026	135,000	132,089
1.500%, 06/10/2026	360,000	354,208
Hanesbrands, Inc.		
4.875%, 05/15/2026 (C)	50,000	53,438
Howard University		
2.701%, 10/01/2029	100,000	101,369
2.801%, 10/01/2030	100,000	102,441
3.476%, 10/01/2041	120,000	119,694
KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC		
4.750%, 06/01/2027 (C)	20,000	20,675
Las Vegas Sands Corp.		
3.500%, 08/18/2026	180,000	182,194
Lithia Motors, Inc.		
4.625%, 12/15/2027 (C)	30,000	31,554
McDonald's Corp.		
3.350%, 04/01/2023	180,000	185,297
3.625%, 09/01/2049	130,000	143,744
New Red Finance, Inc.		
3.500%, 02/15/2029 (C)	60,000	59,382
PulteGroup, Inc.		
5.500%, 03/01/2026	307,000	349,065
Service Corp. International		
3.375%, 08/15/2030	335,000	328,826
5.125%, 06/01/2029	507,000	543,758
Taylor Morrison Communities, Inc.		
5.125%, 08/01/2030 (C)	40,000	44,000
The Gap, Inc.		
3.625%, 10/01/2029 (C)	240,000	237,384
3.875%, 10/01/2031 (C)	385,000	379,706
The Home Depot, Inc.		
3.300%, 04/15/2040	190,000	205,994
The William Carter Company		
5.625%, 03/15/2027 (C)	105,000	108,544
Toll Brothers Finance Corp.		
4.875%, 11/15/2025	50,000	55,188
Yum! Brands, Inc.		
3.625%, 03/15/2031	20,000	19,925
		4,151,752
Consumer staples – 1.0%		
Altria Group, Inc.		
3.700%, 02/04/2051	130,000	121,176
Anheuser-Busch InBev Worldwide, Inc.		
3.750%, 07/15/2042	299,000	325,912

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer staples (continued)		
Anheuser-Busch InBev		
Worldwide, Inc. (continued)		
4.750%, 04/15/2058	\$ 35,000	\$ 43,273
5.450%, 01/23/2039	173,000	226,415
BAT Capital Corp.		
2.789%, 09/06/2024	250,000	257,561
BAT International Finance PLC		
1.668%, 03/25/2026	440,000	431,926
Conagra Brands, Inc.		
4.300%, 05/01/2024	70,000	74,486
5.400%, 11/01/2048	30,000	40,402
Constellation Brands, Inc.		
3.150%, 08/01/2029	92,000	97,033
4.650%, 11/15/2028	15,000	17,244
JBS Finance Luxembourg Sarl		
2.500%, 01/15/2027 (C)	200,000	197,752
Kellogg Company		
3.400%, 11/15/2027	150,000	161,601
Kernel Holding SA		
6.500%, 10/17/2024	200,000	200,939
NBM US Holdings, Inc.		
7.000%, 05/14/2026 (C)	420,000	440,479
TreeHouse Foods, Inc.		
4.000%, 09/01/2028 (D)	15,000	14,400
		2,650,599
Energy – 2.2%		
Apache Corp.		
4.875%, 11/15/2027	20,000	21,800
BP Capital Markets America, Inc.		
2.939%, 06/04/2051	80,000	76,789
3.060%, 06/17/2041	55,000	55,660
3.379%, 02/08/2061	105,000	107,872
3.633%, 04/06/2030	215,000	237,216
Continental Resources, Inc.		
5.750%, 01/15/2031 (C)	80,000	94,210
DCP Midstream Operating LP		
4.950%, 04/01/2022	20,000	20,000
5.600%, 04/01/2044	30,000	37,320
Ecopetrol SA		
4.625%, 11/02/2031	210,000	204,162
Energy Transfer LP		
4.950%, 06/15/2028	45,000	50,621
5.250%, 04/15/2029	225,000	257,715
6.125%, 12/15/2045	290,000	360,724
Enterprise Products Operating LLC		
3.300%, 02/15/2053	20,000	19,892
4.250%, 02/15/2048	65,000	73,571
4.950%, 10/15/2054	80,000	100,925
EQM Midstream Partners LP		
6.500%, 07/01/2027 (C)	15,000	16,800
Equinor ASA		
1.750%, 01/22/2026	90,000	90,545
3.625%, 04/06/2040	125,000	138,872
3.700%, 04/06/2050	60,000	68,681
Exxon Mobil Corp.		
4.227%, 03/19/2040	190,000	224,296
Galaxy Pipeline Assets Bidco, Ltd.		
2.160%, 03/31/2034 (C)	265,000	259,732
2.625%, 03/31/2036 (C)	630,000	615,505
2.940%, 09/30/2040 (C)	200,000	199,043
Halliburton Company		
4.850%, 11/15/2035	65,000	76,393
Hess Corp.		
7.125%, 03/15/2033	58,000	77,496
7.300%, 08/15/2031	140,000	186,403

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Leviathan Bond, Ltd.		
6.500%, 06/30/2027 (C)	\$ 235,000	\$ 251,713
Lundin Energy Finance BV		
2.000%, 07/15/2026 (C)	200,000	198,599
3.100%, 07/15/2031 (C)	285,000	287,032
Marathon Petroleum Corp.		
4.700%, 05/01/2025	200,000	218,184
MPLX LP		
1.750%, 03/01/2026	25,000	24,748
NGPL PipeCo LLC		
3.250%, 07/15/2031 (C)	105,000	106,657
Occidental Petroleum Corp.		
4.100%, 02/15/2047	40,000	39,200
Qatar Energy		
2.250%, 07/12/2031 (C)	295,000	292,218
3.300%, 07/12/2051 (C)	200,000	205,874
Shell International Finance BV		
2.875%, 11/26/2041	55,000	55,047
3.000%, 11/26/2051	70,000	71,124
3.250%, 04/06/2050	85,000	90,434
Sunoco LP		
4.500%, 04/30/2030 (C)	25,000	25,623
5.875%, 03/15/2028	20,000	21,150
Targa Resources Partners LP		
4.875%, 02/01/2031	20,000	21,719
Tulloo Oil PLC		
7.000%, 03/01/2025 (C)	200,000	163,260
Venture Global Calcasieu Pass LLC		
3.875%, 08/15/2029 (C)	45,000	46,688
Viper Energy Partners LP		
5.375%, 11/01/2027 (C)	20,000	20,650
Western Midstream Operating LP		
5.300%, 02/01/2030	60,000	65,942
		5,878,105
Financials – 6.7%		
American International Group, Inc.		
2.500%, 06/30/2025	445,000	458,838
Aon Corp.		
2.200%, 11/15/2022	185,000	187,384
Athene Global Funding		
2.646%, 10/04/2031 (C)	215,000	212,127
Bangkok Bank PCL (3.466% to 9-23-31, then 5 Year CMT + 2.150%)		
09/23/2036 (C)	410,000	410,150
Bank of America Corp.		
7.750%, 05/14/2038	130,000	203,691
Bank of America Corp. (2.456% to 10-22-24, then 3 month LIBOR + 0.870%) 10/22/2025	270,000	277,307
Bank of America Corp. (2.572% to 10-20-31, then SOFR + 1.210%) 10/20/2032	110,000	110,528
Bank of America Corp. (3.311% to 4-22-41, then SOFR + 1.580%) 04/22/2042	285,000	299,541
Bank of America Corp. (3.366% to 1-23-25, then 3 month LIBOR + 0.810%) 01/23/2026	100,000	105,200
Bank of America Corp. (4.083% to 3-20-50, then 3 month LIBOR + 3.150%) 03/20/2051	575,000	691,625
BNP Paribas SA (1.323% to 1-13-26, then SOFR + 1.004%) 01/13/2027 (C)	200,000	194,612
BNP Paribas SA (2.219% to 6-9-25, then SOFR + 2.074%) 06/09/2026 (C)	240,000	242,232

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Brighthouse Financial, Inc. 3.850%, 12/22/2051	\$ 105,000	\$ 103,563
5.625%, 05/15/2030	250,000	298,311
Capital One Financial Corp. 3.900%, 01/29/2024	205,000	215,727
Chubb INA Holdings, Inc. 3.050%, 12/15/2061	310,000	316,263
Citigroup, Inc. 3.200%, 10/21/2026	225,000	238,430
3.700%, 01/12/2026	315,000	340,602
4.450%, 09/29/2027	45,000	50,176
Citigroup, Inc. (2.520% to 11-3-31, then SOFR + 1.177%) 11/03/2032	205,000	204,757
Citigroup, Inc. (2.561% to 5-1-31, then SOFR + 1.167%) 05/01/2032	90,000	90,467
Citigroup, Inc. (3.352% to 4-24-24, then 3 month LIBOR + 0.897%) 04/24/2025	220,000	229,713
Citigroup, Inc. (3.980% to 3-20-29, then 3 month LIBOR + 1.338%) 03/20/2030	110,000	121,428
Citigroup, Inc. (4.412% to 3-31-30, then SOFR + 3.914%) 03/31/2031	165,000	188,440
Danske Bank A/S 5.000%, 01/12/2022 (C)	225,000	225,199
5.375%, 01/12/2024 (C)	235,000	252,968
Deutsche Bank AG (2.311% to 11-16-26, then SOFR + 1.219%) 11/16/2027	180,000	179,920
Equitable Financial Life Global Funding 1.800%, 03/08/2028 (C)	380,000	373,674
FirstCash, Inc. 4.625%, 09/01/2028 (C)	250,000	249,851
5.625%, 01/01/2030 (C)	220,000	224,220
GTP Acquisition Partners I LLC 3.482%, 06/16/2025 (C)	730,000	758,818
HSBC Holdings PLC (0.976% to 5-24-24, then SOFR + 0.708%) 05/24/2025	290,000	286,494
HSBC Holdings PLC (1.589% to 5-24-26, then SOFR + 1.290%) 05/24/2027	305,000	298,270
HSBC Holdings PLC (4.583% to 6-19-28, then 3 month LIBOR + 1.535%) 06/19/2029	290,000	324,871
JPMorgan Chase & Co. (1.561% to 12-10-24, then SOFR + 0.605%) 12/10/2025	270,000	270,288
JPMorgan Chase & Co. (2.545% to 11-8-31, then SOFR + 1.180%) 11/08/2032	260,000	261,462
JPMorgan Chase & Co. (2.956% to 5-13-30, then SOFR + 2.515%) 05/13/2031	50,000	51,769
JPMorgan Chase & Co. (3.109% to 4-22-40, then SOFR + 2.460%) 04/22/2041	90,000	93,208
JPMorgan Chase & Co. (3.109% to 4-22-50, then SOFR + 2.440%) 04/22/2051	70,000	72,322
JPMorgan Chase & Co. (3.157% to 4-22-41, then SOFR + 1.460%) 04/22/2042	455,000	474,966
JPMorgan Chase & Co. (3.220% to 3-1-24, then 3 month LIBOR + 1.155%) 03/01/2025	40,000	41,583

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
JPMorgan Chase & Co. (3.509% to 1-23-28, then 3 month LIBOR + 0.945%) 01/23/2029	\$ 285,000	\$ 305,304
JPMorgan Chase & Co. (3.702% to 5-6-29, then 3 month LIBOR + 1.160%) 05/06/2030	280,000	305,999
JPMorgan Chase & Co. (3.960% to 1-29-26, then 3 month LIBOR + 1.245%) 01/29/2027	595,000	642,889
JPMorgan Chase & Co. (4.005% to 4-23-28, then 3 month LIBOR + 1.120%) 04/23/2029	315,000	347,683
Marsh & McLennan Companies, Inc. 3.875%, 03/15/2024	85,000	89,898
4.750%, 03/15/2039	120,000	149,638
MGIC Investment Corp. 5.750%, 08/15/2023	30,000	31,613
Morgan Stanley 3.125%, 07/27/2026	55,000	58,263
Morgan Stanley (1.593% to 5-4-26, then SOFR + 0.879%) 05/04/2027	80,000	79,211
Morgan Stanley (1.794% to 2-13-31, then SOFR + 1.034%) 02/13/2032	515,000	487,471
Morgan Stanley (1.928% to 4-28-31, then SOFR + 1.020%) 04/28/2032	350,000	334,431
Morgan Stanley (2.239% to 7-21-31, then SOFR + 1.178%) 07/21/2032	255,000	249,409
Morgan Stanley (2.511% to 10-20-31, then SOFR + 1.200%) 10/20/2032	30,000	29,968
Morgan Stanley (3.591% to 7-22-27, then 3 month LIBOR + 1.340%) 07/22/2028	395,000	425,846
Navient Corp. 7.250%, 09/25/2023	21,000	22,641
New York Life Global Funding 2.000%, 01/22/2025 (C)	205,000	209,234
NTT Finance Corp. 1.162%, 04/03/2026 (C)	200,000	196,209
Power Finance Corp., Ltd. 3.950%, 04/23/2030 (C)	515,000	532,131
Santander Holdings USA, Inc. 3.700%, 03/28/2022	200,000	200,856
The Goldman Sachs Group, Inc. 6.750%, 10/01/2037	230,000	326,117
The Goldman Sachs Group, Inc. (0.925% to 10-21-23, then SOFR + 0.486%) 10/21/2024	175,000	174,247
The Goldman Sachs Group, Inc. (2.383% to 7-21-31, then SOFR + 1.248%) 07/21/2032	325,000	319,994
The Goldman Sachs Group, Inc. (2.615% to 4-22-31, then SOFR + 1.281%) 04/22/2032	340,000	342,442
The Goldman Sachs Group, Inc. (4.017% to 10-31-37, then 3 month LIBOR + 1.373%) 10/31/2038	25,000	28,593
The Goldman Sachs Group, Inc. (4.223% to 5-1-28, then 3 month LIBOR + 1.301%) 05/01/2029	235,000	261,044
The Goldman Sachs Group, Inc. (2.650% to 10-21-31, then SOFR + 1.264%) 10/21/2032	35,000	35,219
The PNC Financial Services Group, Inc. 2.550%, 01/22/2030	45,000	46,262

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
UBS Group AG 2.650%, 02/01/2022 (C)	\$ 380,000	\$ 380,665
UniCredit SpA 6.572%, 01/14/2022 (C)	350,000	350,507
Unum Group 4.125%, 06/15/2051	45,000	45,675
4.500%, 12/15/2049	120,000	127,636
Voya Financial, Inc. 4.800%, 06/15/2046	5,000	6,192
Wells Fargo & Company 3.000%, 04/22/2026 to 10/23/2026	205,000	215,359
3.750%, 01/24/2024	330,000	346,486
4.400%, 06/14/2046	60,000	71,109
4.900%, 11/17/2045	15,000	18,863
5.606%, 01/15/2044	15,000	20,297
Wells Fargo & Company (5.013% to 4-4-50, then SOFR + 4.502%) 04/04/2051	80,000	109,243
Willis North America, Inc. 3.600%, 05/15/2024	115,000	120,445
		18,276,084
Health care – 2.5%		
AbbVie, Inc. 3.200%, 11/21/2029	115,000	122,957
4.625%, 10/01/2042	60,000	73,393
Alcon Finance Corp. 2.750%, 09/23/2026 (C)	400,000	413,393
Anthem, Inc. 3.500%, 08/15/2024	130,000	137,276
Astrazeneca Finance LLC 1.750%, 05/28/2028	395,000	392,702
Avantor Funding, Inc. 4.625%, 07/15/2028 (C)	34,000	35,445
Bausch Health Companies, Inc. 5.750%, 08/15/2027 (C)	50,000	51,900
Baxalta, Inc. 3.600%, 06/23/2022	11,000	11,092
Baxter International, Inc. 2.539%, 02/01/2032 (C)	715,000	722,306
Bayer US Finance II LLC 4.250%, 12/15/2025 (C)	260,000	281,213
Boston Scientific Corp. 1.900%, 06/01/2025	125,000	126,406
3.750%, 03/01/2026	355,000	381,361
Bristol-Myers Squibb Company 0.750%, 11/13/2025	320,000	311,641
2.550%, 11/13/2050	95,000	89,867
Centene Corp. 3.375%, 02/15/2030	5,000	5,092
4.250%, 12/15/2027	50,000	52,125
4.625%, 12/15/2029	585,000	630,899
Cigna Corp. 1.250%, 03/15/2026	450,000	443,503
CommonSpirit Health 3.347%, 10/01/2029	45,000	47,852
CVS Health Corp. 4.125%, 04/01/2040	85,000	97,588
5.125%, 07/20/2045	85,000	110,488
Gilead Sciences, Inc. 1.650%, 10/01/2030	400,000	383,373
HCA, Inc. 3.500%, 09/01/2030	40,000	42,275
Hill-Rom Holdings, Inc. 4.375%, 09/15/2027 (C)	30,000	31,350

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Humana, Inc. 2.150%, 02/03/2032	\$ 105,000	\$ 101,528
Kaiser Foundation Hospitals 2.810%, 06/01/2041	100,000	100,540
3.002%, 06/01/2051	165,000	169,798
Merck & Company, Inc. 1.900%, 12/10/2028	35,000	35,165
2.150%, 12/10/2031	140,000	140,390
2.750%, 12/10/2051	35,000	34,632
Royalty Pharma PLC 2.150%, 09/02/2031	245,000	231,441
2.200%, 09/02/2030	60,000	58,076
3.300%, 09/02/2040	55,000	54,841
Sutter Health 3.361%, 08/15/2050	110,000	115,263
Teleflex, Inc. 4.250%, 06/01/2028 (C)	45,000	46,359
Teva Pharmaceutical Finance Netherlands III BV 3.150%, 10/01/2026	242,000	227,480
4.750%, 05/09/2027	200,000	198,174
UnitedHealth Group, Inc. 2.750%, 05/15/2040	140,000	142,125
3.500%, 08/15/2039	70,000	77,615
		6,728,924
Industrials – 2.3%		
AerCap Ireland Capital DAC 3.300%, 01/30/2032	270,000	275,068
Ashtead Capital, Inc. 4.375%, 08/15/2027 (C)	605,000	626,599
BOC Aviation USA Corp. 1.625%, 04/29/2024 (C)	605,000	604,085
Builders FirstSource, Inc. 5.000%, 03/01/2030 (C)	225,000	241,399
BWX Technologies, Inc. 4.125%, 04/15/2029 (C)	55,000	55,688
Canadian Pacific Railway Company 2.450%, 12/02/2031	115,000	117,252
Clean Harbors, Inc. 4.875%, 07/15/2027 (C)	625,000	643,750
5.125%, 07/15/2029 (C)	25,000	26,500
DAE Funding LLC 1.550%, 08/01/2024 (C)	435,000	431,738
Imola Merger Corp. 4.750%, 05/15/2029 (C)	50,000	51,303
International Airport Finance SA 12.000%, 03/15/2033 (C)	326,174	350,637
L3Harris Technologies, Inc. 3.850%, 06/15/2023	260,000	270,054
Northrop Grumman Corp. 5.150%, 05/01/2040	95,000	123,250
Otis Worldwide Corp. 2.565%, 02/15/2030	165,000	167,372
Penske Truck Leasing Company LP 2.700%, 11/01/2024 (C)	250,000	257,610
4.000%, 07/15/2025 (C)	170,000	182,462
Raytheon Technologies Corp. 2.375%, 03/15/2032	400,000	399,566
3.030%, 03/15/2052	55,000	55,264
3.650%, 08/16/2023	4,000	4,159
3.950%, 08/16/2025	60,000	65,059
4.450%, 11/16/2038	120,000	144,624
Sensata Technologies BV 5.000%, 10/01/2025 (C)	75,000	81,375

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
The Boeing Company		
5.040%, 05/01/2027	\$ 220,000	\$ 247,719
5.150%, 05/01/2030	135,000	157,289
Trane Technologies Luxembourg Finance SA		
4.500%, 03/21/2049	40,000	49,488
Union Pacific Corp.		
2.375%, 05/20/2031	290,000	295,598
2.973%, 09/16/2062	90,000	88,970
United Airlines, Inc.		
4.625%, 04/15/2029 (C)	45,000	46,406
United Rentals North America, Inc.		
4.000%, 07/15/2030	35,000	35,963
5.500%, 05/15/2027	65,000	67,600
		6,163,847
Information technology – 3.7%		
Apple, Inc.		
1.400%, 08/05/2028	465,000	455,352
2.200%, 09/11/2029	85,000	87,000
2.650%, 02/08/2051	235,000	231,054
3.450%, 02/09/2045	45,000	50,215
4.375%, 05/13/2045	35,000	44,135
Black Knight InfoServ LLC		
3.625%, 09/01/2028 (C)	824,000	822,921
Booz Allen Hamilton, Inc.		
3.875%, 09/01/2028 (C)	510,000	518,925
4.000%, 07/01/2029 (C)	80,000	82,631
Broadcom, Inc.		
3.187%, 11/15/2036 (C)	225,000	224,608
3.419%, 04/15/2033 (C)	420,000	440,287
3.469%, 04/15/2034 (C)	46,000	48,147
4.300%, 11/15/2032	35,000	39,332
CDK Global, Inc.		
5.250%, 05/15/2029 (C)	83,000	87,980
CDW LLC		
2.670%, 12/01/2026	60,000	61,476
3.250%, 02/15/2029	300,000	302,679
3.276%, 12/01/2028	55,000	56,355
3.569%, 12/01/2031	50,000	52,019
4.125%, 05/01/2025	230,000	236,325
Entegris, Inc.		
3.625%, 05/01/2029 (C)	20,000	20,050
4.375%, 04/15/2028 (C)	40,000	41,100
Fair Isaac Corp.		
4.000%, 06/15/2028 (C)	238,000	244,647
Gartner, Inc.		
3.625%, 06/15/2029 (C)	50,000	50,553
3.750%, 10/01/2030 (C)	143,000	146,203
4.500%, 07/01/2028 (C)	193,000	201,566
Global Payments, Inc.		
2.150%, 01/15/2027	55,000	55,219
3.200%, 08/15/2029	230,000	239,559
Go Daddy Operating Company LLC		
3.500%, 03/01/2029 (C)	55,000	54,579
5.250%, 12/01/2027 (C)	454,000	469,323
Intel Corp.		
3.100%, 02/15/2060	175,000	174,869
Kyndryl Holdings, Inc.		
3.150%, 10/15/2031 (C)	170,000	164,902
Leidos, Inc.		
3.625%, 05/15/2025	130,000	138,050
Marvell Technology, Inc.		
2.450%, 04/15/2028	245,000	248,483
2.950%, 04/15/2031	190,000	193,598

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Mastercard, Inc.		
2.950%, 03/15/2051	\$ 110,000	\$ 113,812
Microchip Technology, Inc.		
2.670%, 09/01/2023	370,000	377,879
Microsoft Corp.		
3.041%, 03/17/2062	129,000	137,997
Nokia OYJ		
4.375%, 06/12/2027	130,000	140,400
6.625%, 05/15/2039	40,000	55,350
NortonLifeLock, Inc.		
5.000%, 04/15/2025 (C)	530,000	534,041
NVIDIA Corp.		
3.500%, 04/01/2040	185,000	207,904
NXP BV		
4.300%, 06/18/2029 (C)	25,000	28,008
4.875%, 03/01/2024 (C)	285,000	306,149
5.350%, 03/01/2026 (C)	115,000	129,940
5.550%, 12/01/2028 (C)	95,000	113,775
Open Text Corp.		
3.875%, 12/01/2029 (C)	355,000	359,438
Open Text Holdings, Inc.		
4.125%, 12/01/2031 (C)	60,000	60,600
Oracle Corp.		
2.875%, 03/25/2031	225,000	226,433
3.850%, 04/01/2060	440,000	434,478
3.950%, 03/25/2051	80,000	83,049
4.100%, 03/25/2061	115,000	119,855
SS&C Technologies, Inc.		
5.500%, 09/30/2027 (C)	262,000	273,790
Xerox Holdings Corp.		
5.500%, 08/15/2028 (C)	40,000	42,150
		10,029,190
Materials – 1.0%		
Ball Corp.		
4.000%, 11/15/2023	570,000	594,938
Commercial Metals Company		
5.375%, 07/15/2027	20,000	20,800
DuPont de Nemours, Inc.		
4.205%, 11/15/2023	340,000	359,540
FS Luxembourg Sarl		
10.000%, 12/15/2025 (C)	200,000	219,252
LYB International Finance III LLC		
1.250%, 10/01/2025	167,000	164,173
Metinvest BV		
5.625%, 06/17/2025 (C)	EUR 195,000	219,454
Olin Corp.		
5.125%, 09/15/2027	\$ 25,000	25,656
Standard Industries, Inc.		
3.375%, 01/15/2031 (C)	40,000	38,532
4.375%, 07/15/2030 (C)	410,000	418,407
Suzano Austria GmbH		
3.125%, 01/15/2032	170,000	164,477
The Chemours Company		
5.375%, 05/15/2027 (D)	45,000	48,150
Vale Overseas, Ltd.		
3.750%, 07/08/2030	135,000	139,726
6.250%, 08/10/2026	175,000	202,564
		2,615,669
Real estate – 0.8%		
American Tower Corp.		
1.450%, 09/15/2026	85,000	83,171
1.500%, 01/31/2028	45,000	43,052
2.400%, 03/15/2025	135,000	138,620
EPR Properties		
3.600%, 11/15/2031	85,000	84,094

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate (continued)		
EPR Properties (continued)		
3.750%, 08/15/2029	\$ 120,000	\$ 121,111
4.950%, 04/15/2028	225,000	242,783
Equinix, Inc.		
2.000%, 05/15/2028	90,000	88,333
GLP Capital LP		
3.250%, 01/15/2032	105,000	105,566
4.000%, 01/15/2031	150,000	160,049
5.300%, 01/15/2029	130,000	147,576
5.750%, 06/01/2028	130,000	150,103
Realty Income Corp.		
2.200%, 06/15/2028	15,000	15,140
2.850%, 12/15/2032	15,000	15,565
3.400%, 01/15/2028	60,000	64,707
SBA Tower Trust		
2.836%, 01/15/2025 (C)	300,000	307,776
3.448%, 03/15/2023 (C)	435,000	437,097
VICI Properties LP		
4.250%, 12/01/2026 (C)	10,000	10,415
		2,215,158
Utilities – 2.3%		
Alabama Power Company		
3.450%, 10/01/2049	120,000	127,147
4.150%, 08/15/2044	105,000	122,718
American Water Capital Corp.		
4.150%, 06/01/2049	80,000	94,424
Cleco Corporate Holdings LLC		
3.375%, 09/15/2029	140,000	142,385
4.973%, 05/01/2046	5,000	6,038
Commonwealth Edison Company		
3.650%, 06/15/2046	175,000	193,769
Consolidated Edison Company of New York, Inc.		
3.200%, 12/01/2051	120,000	120,250
Duke Energy Carolinas LLC		
3.450%, 04/15/2051	5,000	5,468
Duke Energy Corp.		
2.550%, 06/15/2031	385,000	385,455
Duke Energy Indiana LLC		
2.750%, 04/01/2050	140,000	136,164
3.250%, 10/01/2049	105,000	108,636
Duke Energy Progress LLC		
3.700%, 10/15/2046	125,000	139,276
Duquesne Light Holdings, Inc.		
2.775%, 01/07/2032 (C)	130,000	128,446
Enel Finance International NV		
1.375%, 07/12/2026 (C)	220,000	214,240
Evergy, Inc.		
2.450%, 09/15/2024	90,000	92,303
2.900%, 09/15/2029	175,000	179,124
Exelon Corp.		
3.950%, 06/15/2025	210,000	224,354
FirstEnergy Corp.		
1.600%, 01/15/2026	35,000	33,775
2.250%, 09/01/2030	75,000	72,202
3.400%, 03/01/2050	140,000	137,200
5.350%, 07/15/2047	65,000	77,269
Georgia Power Company		
4.300%, 03/15/2042	200,000	227,698
IPALCO Enterprises, Inc.		
3.700%, 09/01/2024	175,000	183,050
ITC Holdings Corp.		
2.950%, 05/14/2030 (C)	165,000	168,473
Jersey Central Power & Light Company		
2.750%, 03/01/2032 (C)	125,000	126,675

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
MidAmerican Energy Company		
3.150%, 04/15/2050	\$ 90,000	\$ 94,200
3.650%, 08/01/2048	25,000	28,099
NiSource, Inc.		
3.490%, 05/15/2027	210,000	225,422
NRG Energy, Inc.		
2.450%, 12/02/2027 (C)	190,000	188,263
Oglethorpe Power Corp.		
5.050%, 10/01/2048	135,000	170,340
Pacific Gas & Electric Company		
2.500%, 02/01/2031	430,000	409,601
4.950%, 07/01/2050	355,000	386,615
PacifiCorp		
4.125%, 01/15/2049	33,000	38,018
4.150%, 02/15/2050	45,000	53,236
Puget Energy, Inc.		
3.650%, 05/15/2025	180,000	190,210
4.100%, 06/15/2030	130,000	140,523
Sempra Energy		
3.400%, 02/01/2028	200,000	212,903
3.800%, 02/01/2038	85,000	93,264
4.000%, 02/01/2048	25,000	27,811
Southern California Edison Company		
2.850%, 08/01/2029	135,000	139,517
4.000%, 04/01/2047	72,000	79,388
The AES Corp.		
3.300%, 07/15/2025 (C)	175,000	181,195
The Southern Company		
2.950%, 07/01/2023	70,000	71,687
		6,176,831
TOTAL CORPORATE BONDS (Cost \$69,757,851)		\$ 72,165,233
MUNICIPAL BONDS – 2.1%		
Chicago Board of Education (Illinois), GO		
6.038%, 12/01/2029	30,000	34,287
6.138%, 12/01/2039	155,000	191,417
6.319%, 11/01/2029	185,000	219,867
Chicago Transit Authority (Illinois)		
3.912%, 12/01/2040	90,000	99,947
County of Riverside (California)		
2.963%, 02/15/2027	600,000	632,653
3.070%, 02/15/2028	600,000	637,371
Metropolitan Transportation Authority (New York)		
4.750%, 11/15/2045	255,000	305,521
5.175%, 11/15/2049	705,000	965,091
Municipal Electric Authority of Georgia		
6.637%, 04/01/2057	91,000	138,543
New York Transportation Development Corp.		
4.248%, 09/01/2035	715,000	780,593
Philadelphia Authority for Industrial Development (Pennsylvania)		
6.550%, 10/15/2028	675,000	848,229
State Board of Administration Finance Corp. (Florida)		
1.258%, 07/01/2025	510,000	507,513
State of Illinois, GO		
4.950%, 06/01/2023	241,818	251,083
5.000%, 01/01/2023	40,000	41,531
5.947%, 04/01/2022	120,000	121,572
TOTAL MUNICIPAL BONDS (Cost \$5,240,399)		\$ 5,775,218

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (E) – 3.2%		
Communication services – 0.2%		
Clear Channel Outdoor Holdings, Inc., Term Loan B (3 month LIBOR + 3.500%) 3.629%, 08/21/2026	\$ 136,850	\$ 134,855
CSC Holdings LLC, 2019 Term Loan B5 (3 month LIBOR + 2.500%) 2.610%, 04/15/2027	97,022	95,688
Delta 2 Lux Sarl, 2018 USD Term Loan (1 month LIBOR + 2.500%) 3.500%, 02/01/2024	131,829	131,609
Terrier Media Buyer, Inc., 2021 Term Loan (1 month LIBOR + 3.500%) 3.604%, 12/17/2026	107,811	107,245
		469,397
Consumer discretionary – 0.6%		
APX Group, Inc., 2021 Term Loan B (Prime rate + 2.500% and 1 month LIBOR + 3.500%) 4.005%, 07/10/2028	100,000	99,722
Boyd Gaming Corp., Term Loan B3 (1 month LIBOR + 2.250%) 2.354%, 09/15/2023	68,186	68,100
Caesars Resort Collection LLC, 2017 1st Lien Term Loan B (1 month LIBOR + 2.750%) 2.851%, 12/23/2024	106,839	106,171
Carnival Corp., 2021 Incremental Term Loan B (6 month LIBOR + 3.250%) 4.000%, 10/18/2028	100,000	99,000
Clarios Global LP, 2021 USD Term Loan B (1 month LIBOR + 3.250%) 3.354%, 04/30/2026	84,521	83,950
Golden Entertainment, Inc., 2017 1st Lien Term Loan (1 month LIBOR + 3.000%) 3.750%, 10/21/2024	101,563	101,224
KFC Holding Company, 2021 Term Loan B (1 month LIBOR + 1.750%) 1.854%, 03/15/2028	96,881	96,538
MajorDrive Holdings IV LLC, Term Loan B (3 month LIBOR + 4.000%) 4.500%, 05/12/2028	99,500	99,376
New Red Finance, Inc., Term Loan B4 (1 month LIBOR + 1.750%) 1.854%, 11/19/2026	683,760	673,503
Staples, Inc., 7 Year Term Loan (3 month LIBOR + 5.000%) 5.132%, 04/16/2026	125,166	120,729
Verisure Holding AB, 2020 EUR Term Loan B (3 month EURIBOR + 3.250%) 3.250%, 07/20/2026	EUR 115,000	130,028
		1,678,341
Consumer staples – 0.1%		
Brightview Landscapes LLC, 2018 1st Lien Term Loan B (1 month LIBOR + 2.500%) 2.625%, 08/15/2025	\$ 167,481	166,504
Sunshine Luxembourg VII Sarl, 2021 Term Loan B3 (3 month LIBOR + 3.750%) 4.500%, 10/01/2026	197,011	197,628
		364,132
Financials – 0.1%		
Asurion LLC, 2018 Term Loan B6 (1 month LIBOR + 3.125%) 3.229%, 11/03/2023	100,649	100,326
Asurion LLC, 2020 Term Loan B8 (1 month LIBOR + 3.250%) 3.354%, 12/23/2026	99,000	98,258

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (E) (continued)		
Financials (continued)		
Sedgwick Claims Management Services, Inc., 2019 Term Loan B (1 month LIBOR + 3.750%) 3.854%, 09/03/2026	\$ 131,625	\$ 131,405
		329,989
Health care – 0.5%		
ADMI Corp., 2021 Term Loan B2 (1 month LIBOR + 3.375%) 3.875%, 12/23/2027	99,250	98,547
Bausch Health Americas, Inc., 2018 Term Loan B (1 month LIBOR + 3.000%) 3.104%, 06/02/2025	61,813	61,488
Change Healthcare Holdings LLC, 2017 Term Loan B (1 month LIBOR + 2.500%) 3.500%, 03/01/2024	97,449	97,337
Elanco Animal Health, Inc., Term Loan B (3 month LIBOR + 1.750%) 1.849%, 08/01/2027	389,657	384,179
Endo Luxembourg Finance Company I SarL, 2021 Term Loan (3 month LIBOR + 5.000%) 5.750%, 03/27/2028	143,761	139,520
Jazz Financing Lux Sarl, USD Term Loan (1 month LIBOR + 3.500%) 4.000%, 05/05/2028	99,500	99,817
Mozart Borrower LP, USD Term Loan B (1 month LIBOR + 3.250%) 3.750%, 10/23/2028	175,000	174,923
Pathway Vet Alliance LLC, 2021 Term Loan (1 month LIBOR + 3.750%) 3.854%, 03/31/2027	98,295	97,891
Zelis Payments Buyer, Inc., 2021 Term Loan (1 month LIBOR + 3.500%) 3.599%, 09/30/2026	123,750	122,805
		1,276,507
Industrials – 0.7%		
American Builders & Contractors Supply Company, Inc., 2019 Term Loan (1 month LIBOR + 2.000%) 2.104%, 01/15/2027	394,950	391,987
AVSC Holding Corp., 2020 Term Loan B1 (3 month LIBOR + 3.250%) 4.250%, 03/03/2025	72,697	66,590
Brand Industrial Services, Inc., 2017 Term Loan (3 month LIBOR + 4.250%) 5.250%, 06/21/2024	191,000	186,517
Gardner Denver, Inc., 2020 USD Term Loan B2 (1 month LIBOR + 1.750%) 1.854%, 03/01/2027	122,143	120,700
Ingersoll-Rand Services Company, 2020 USD Spinco Term Loan (1 month LIBOR + 1.750%) 1.854%, 03/01/2027	394,975	390,310
The Dun & Bradstreet Corp., Term Loan (1 month LIBOR + 3.250%) 3.352%, 02/06/2026	197,258	196,342
TK Elevator U.S. Newco, Inc., Term Loan B (6 month LIBOR + 3.500%) 4.000%, 07/30/2027	173,257	173,232
Trans Union LLC, 2019 Term Loan B5 (1 month LIBOR + 1.750%) 1.854%, 11/16/2026	352,828	349,299

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (E) (continued)		
Industrials (continued)		
TransDigm, Inc., 2020 Term Loan E (1 month LIBOR + 2.250%) 2.354%, 05/30/2025	\$ 95,975	\$ 94,579
		1,969,556
Information technology – 0.8%		
FleetCor Technologies Operating Company LLC, 2021 Term Loan B4 (1 month LIBOR + 1.750%) 1.854%, 04/28/2028	258,701	255,402
Gainwell Acquisition Corp., Term Loan B (3 month LIBOR + 4.000%) 4.750%, 10/01/2027	99,086	99,235
Go Daddy Operating Company LLC, 2017 Repriced Term Loan (1 month LIBOR + 1.750%) 1.854%, 02/15/2024	388,201	385,507
Peraton Corp., Term Loan B (1 month LIBOR + 3.750%) 4.500%, 02/01/2028	99,250	99,214
Science Applications International Corp., 2018 Term Loan B (1 month LIBOR + 1.875%) 1.979%, 10/31/2025	377,534	377,017
Solera LLC, USD Term Loan B (3 month LIBOR + 4.000%) 4.500%, 06/02/2028	99,750	99,656
SS&C Technologies, Inc., 2018 Term Loan B3 (1 month LIBOR + 1.750%) 1.854%, 04/16/2025	101,229	100,002
SS&C Technologies, Inc., 2018 Term Loan B4 (1 month LIBOR + 1.750%) 1.854%, 04/16/2025	82,175	81,179
SS&C Technologies, Inc., 2018 Term Loan B5 (1 month LIBOR + 1.750%) 1.854%, 04/16/2025	97,498	96,381
UKG, Inc., Term Loan B (1 month LIBOR + 3.750%) 3.854%, 05/04/2026	97,750	97,383
WEX, Inc., 2021 Term Loan (1 month LIBOR + 2.250%) 2.354%, 03/31/2028	451,588	448,765
		2,139,741
Materials – 0.2%		
Axalta Coating Systems US Holdings, Inc., USD Term Loan B3 (3 month LIBOR + 1.750%) 1.974%, 06/01/2024	197,064	196,818
Proampac PG Borrower LLC, 2020 Term Loan (Prime rate + 2.750% and 3 month LIBOR + 3.750%) 4.500%, 11/03/2025	99,500	99,500
Quikrete Holdings, Inc., 2021 Term Loan B1 06/11/2028 TBD (F)	100,000	99,722
		396,040
TOTAL TERM LOANS (Cost \$8,649,543)		\$ 8,623,703
COLLATERALIZED MORTGAGE OBLIGATIONS – 14.2%		
Commercial and residential – 11.8%		
Alternative Loan Trust		
Series 2005-27, Class 2A1 (12 month Treasury Average Index + 1.350%), 1.457%, 08/25/2035 (G)	131,693	117,950

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Alternative Loan Trust (continued)		
Series 2005-56, Class 5A1 (1 month LIBOR + 0.640%), 0.732%, 11/25/2035 (G)	\$ 63,392	\$ 56,463
Series 2005-72, Class A1 (1 month LIBOR + 0.540%), 0.632%, 01/25/2036 (G)	17,053	17,010
Series 2005-7CB, Class 2A8 (1 month LIBOR + 0.450%), 0.542%, 03/01/2038 (G)	109,575	91,160
Series 2006-9T1, Class A1, 5.750%, 05/25/2036	69,629	41,053
American Home Mortgage Assets Trust		
Series 2006-3, Class 2A11 (12 month Treasury Average Index + 0.940%), 1.056%, 10/25/2046 (G)	36,238	29,436
Series 2007-2, Class A1 (1 month LIBOR + 0.125%), 0.217%, 03/25/2047 (G)	15,984	15,219
Angel Oak Mortgage Trust LLC		
Series 2019-2, Class A1, 3.628%, 03/25/2049 (C)(H)	28,258	28,359
Series 2020-R1, Class A1, 0.990%, 04/25/2053 (C)(H)	245,929	245,250
Series 2021-2, Class A1, 0.985%, 04/25/2066 (C)(H)	220,163	217,601
Series 2021-4, Class A2, 1.241%, 01/20/2065 (C)(H)	205,678	203,206
Series 2021-5, Class A1, 1.019%, 07/25/2066 (C)(H)	502,283	495,197
Series 2021-6, Class A1, 1.458%, 09/25/2066 (C)(H)	633,756	627,931
Series 2021-8, Class A1, 1.820%, 11/25/2066 (C)(H)	319,000	318,961
Arroyo Mortgage Trust		
Series 2019-2, Class A1 3.347%, 04/25/2049 (C)(H)	314,587	316,698
BANK		
Series 2017-BNK8, Class XA IO, 0.731%, 11/15/2050	4,433,599	162,021
Series 2019-BN18, Class XA IO, 0.900%, 05/15/2062	1,415,289	79,655
Series 2019-BN20, Class XA IO, 0.836%, 09/15/2062	2,439,209	134,303
Series 2019-BN22, Class XA IO, 0.600%, 11/15/2062	2,440,429	101,568
Series 2019-BN23, Class XA IO, 0.697%, 12/15/2052	1,924,247	94,086
Series 2019-BN24, Class XA IO, 0.646%, 11/15/2062	1,186,496	54,550
Series 2020-BN28, Class XA IO, 1.785%, 03/15/2063	2,597,747	334,598
Series 2021-BN31, Class A4, 2.036%, 02/15/2054	285,000	281,541
BBCMS Mortgage Trust		
Series 2017-C1, Class XA IO, 1.451%, 02/15/2050	3,223,383	190,359
Series 2017-DELC, Class A (1 month LIBOR + 0.850%), 0.943%, 08/15/2036 (C)(G)	949,000	948,127

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
BCAP LLC Trust		
Series 2006-AA2, Class A1 (1 month LIBOR + 0.340%)	\$ 95,526	\$ 93,741
0.262%, 01/25/2037 (G)		
Bear Stearns ALT-A Trust		
Series 2005-10, Class 11A1 (1 month LIBOR + 0.500%)	98,869	118,443
0.592%, 01/25/2036 (G)		
Bear Stearns Mortgage Funding Trust		
Series 2006-AR3, Class 1A1 (1 month LIBOR + 0.180%)	8,150	7,805
0.272%, 10/25/2036 (G)		
Bellemeade Re, Ltd.		
Series 2019-4A, Class M1A (1 month LIBOR + 1.400%)	40,708	40,708
1.492%, 10/25/2029 (C)(G)		
Benchmark Mortgage Trust		
Series 2018-B1, Class XA IO, 0.511%, 01/15/2051	1,319,046	32,408
Series 2018-B4, Class XA IO, 0.513%, 07/15/2051	2,300,033	55,365
Series 2018-B8, Class XA IO, 0.663%, 01/15/2052	4,746,606	170,394
Series 2019-B10, Class XA IO, 1.227%, 03/15/2062	3,185,643	219,338
Series 2019-B12, Class XA IO, 1.064%, 08/15/2052	1,092,241	62,842
Series 2020-B18, Class XA IO, 1.793%, 07/15/2053	698,729	73,610
Series 2020-B22, Class XA IO, 1.522%, 01/15/2054	1,163,727	133,225
BINOM Securitization Trust		
Series 2021-INV1, Class A1 2.034%, 06/25/2056 (C)(H)	225,000	225,384
BRAVO Residential Funding Trust		
Series 2021-NQM1, Class A1, 0.941%, 02/25/2049 (C)(H)	153,322	152,102
Series 2021-NQM2, Class A1, 0.970%, 03/25/2060 (C)(H)	208,640	207,383
BX Commercial Mortgage Trust		
Series 2019-XL, Class A (1 month LIBOR + 0.920%)	550,597	550,749
1.013%, 10/15/2036 (C)(G)		
CAMB Commercial Mortgage Trust		
Series 2019-LIFE, Class F (1 month LIBOR + 2.550%)	355,000	354,216
2.643%, 12/15/2037 (C)(G)		
Century Plaza Towers		
Series 2019-CPT, Class A 2.865%, 11/13/2039 (C)	345,000	358,921
Chase Mortgage Finance Trust		
Series 2005-S3, Class A10 5.500%, 11/25/2035	108,014	99,944
CHL Mortgage Pass-Through Trust		
Series 2005-2, Class 2A3 (1 month LIBOR + 0.680%), 0.772%, 03/25/2035 (G)	29,383	27,543
Series 2007-HY4, Class 1A1, 3.041%, 09/25/2047 (H)	66,595	63,798
CIM Trust		
Series 2017-7, Class A 3.000%, 04/25/2057 (C)(H)	159,467	160,950

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Citigroup Commercial Mortgage Trust		
Series 2014-GC23, Class XA IO, 0.917%, 07/10/2047	\$ 1,708,616	\$ 35,247
Series 2015-GC29, Class XA IO, 1.034%, 04/10/2048	1,604,253	45,515
Series 2016-C3, Class C, 4.121%, 11/15/2049 (H)	288,000	292,717
COLT Mortgage Loan Trust		
Series 2021-3, Class A1 0.956%, 09/27/2066 (C)(H)	505,481	497,456
Commercial Mortgage Trust (Bank of America Merrill Lynch/Deutsche Bank AG)		
Series 2013-WWP, Class A2 3.424%, 03/10/2031 (C)	800,000	820,045
Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG)		
Series 2014-CR16, Class A4, 4.051%, 04/10/2047	480,000	506,523
Series 2014-CR17, Class A5, 3.977%, 05/10/2047	390,000	411,563
Commercial Mortgage Trust (Deutsche Bank AG)		
Series 2013-300P, Class A1, 4.353%, 08/10/2030 (C)	260,000	269,538
Series 2015-3BP, Class A, 3.178%, 02/10/2035 (C)	580,000	603,221
Credit Suisse Mortgage Capital Certificates		
Series 2017-FHA1, Class A1, 3.250%, 04/25/2047 (C)(H)	181,669	187,199
Series 2021-NQM2, Class A1, 1.179%, 02/25/2066 (C)(H)	455,387	450,834
Series 2021-NQM8, Class A1, 1.841%, 10/25/2066 (C)(H)	300,000	299,752
Series 2021-RPL4, Class A1, 1.796%, 12/27/2060 (C)(H)	173,496	173,465
CSAIL Commercial Mortgage Trust		
Series 2015-C1, Class A4, 3.505%, 04/15/2050	15,000	15,754
Series 2015-C2, Class XA IO, 0.746%, 06/15/2057	4,954,078	99,919
Series 2016-C6, Class XA IO, 1.867%, 01/15/2049	1,076,092	72,161
DBJPM Mortgage Trust		
Series 2020-C9, Class XA IO 1.713%, 09/15/2053	528,948	49,441
Deephaven Residential Mortgage Trust		
Series 2021-2, Class A1 0.899%, 04/25/2066 (C)(H)	146,488	144,024
Deutsche Alt-A Securities Mortgage Loan Trust		
Series 2007-AR2, Class A1 (1 month LIBOR + 0.300%)	44,769	45,316
0.242%, 03/25/2037 (G)		
Ellington Financial Mortgage Trust		
Series 2021-2, Class A1 0.931%, 06/25/2066 (C)(H)	122,394	120,054
GCAT Trust		
Series 2021-NQM2, Class A1, 1.036%, 05/25/2066 (C)(H)	279,139	277,369
Series 2021-NQM3, Class A1, 1.091%, 05/25/2066 (C)(H)	378,920	375,027

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
GCAT Trust (continued)		
Series 2021-NQM7, Class A1, 1.915%, 08/25/2066 (C)(H)	\$ 285,000	\$ 285,042
GMACM Mortgage Loan Trust Series 2006-AR1, Class 1A1 3.049%, 04/19/2036 (H)	104,387	90,626
GS Mortgage Securities Trust Series 2012-ALOH, Class A, 3.551%, 04/10/2034 (C)	670,000	669,970
Series 2014-GC20, Class A5, 3.998%, 04/10/2047	395,000	413,287
GSR Mortgage Loan Trust Series 2006-AR1, Class 2A1, 2.927%, 01/25/2036 (H)	3,918	4,027
Series 2007-1F, Class 4A1 (1 month LIBOR + 0.300%), 0.392%, 01/25/2037 (G)	81,230	19,267
HarborView Mortgage Loan Trust Series 2005-8, Class 1A2A (1 month LIBOR + 0.660%), 0.753%, 09/19/2035 (G)	23,613	19,231
Series 2006-12, Class 2A13 (1 month LIBOR + 0.240%), 0.329%, 12/19/2036 (G)	146,626	146,935
Series 2006-12, Class 2A2A (1 month LIBOR + 0.190%), 0.279%, 01/19/2038 (G)	53,933	52,506
Series 2007-7, Class 2A1B (1 month LIBOR + 1.000%), 1.092%, 10/25/2037 (G)	58,413	55,859
Home Re, Ltd. Series 2018-1, Class M1 (1 month LIBOR + 1.600%), 1.692%, 10/25/2028 (C)(G)	108,016	108,016
Imperial Fund Mortgage Trust Series 2021-NQM2, Class A1 1.073%, 09/25/2056 (C)(H)	256,407	253,300
IndyMac INDA Mortgage Loan Trust Series 2006-AR3, Class 1A1 3.002%, 12/25/2036 (H)	37,950	35,664
JPMBB Commercial Mortgage Securities Trust Series 2014-C19, Class A4 3.997%, 04/15/2047	395,000	413,451
JPMorgan Chase Commercial Mortgage Securities Trust Series 2020-NNN, Class AFX 2.812%, 01/16/2037 (C)	160,000	162,856
JPMorgan Mortgage Trust Series 2006-A3, Class 3A2 3.038%, 05/25/2036 (H)	8,060	7,191
Legacy Mortgage Asset Trust Series 2019-GS6, Class A1, 3.000%, 06/25/2059 (C)	331,099	331,616
Series 2019-GS7, Class A1, 3.250%, 11/25/2059 (C)	441,880	443,139
Series 2021-GS2, Class A1, 1.750%, 04/25/2061 (C)	177,476	175,929
Series 2021-GS3, Class A1, 1.750%, 07/25/2061 (C)	221,771	219,693
Series 2021-GS4, Class A1, 1.650%, 11/25/2060 (C)	116,752	115,330

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Lehman XS Trust		
Series 2006-16N, Class A4A (1 month LIBOR + 0.380%) 0.282%, 11/25/2046 (G)	\$ 119,798	\$ 115,121
LSTAR Securities Investment Trust Series 2019-3, Class A1 (1 month LIBOR + 2.500%), 2.600%, 04/01/2024 (C)(G)	155,158	155,066
Series 2019-4, Class A1 (1 month LIBOR + 2.500%), 2.600%, 05/01/2024 (C)(G)	324,569	323,200
Series 2021-1, Class A (1 month LIBOR + 1.800%), 1.900%, 02/01/2026 (C)(G)	282,692	284,419
Luminent Mortgage Trust Series 2006-4, Class A1A (1 month LIBOR + 0.380%) 0.472%, 05/25/2046 (G)	107,397	98,193
MASTR Adjustable Rate Mortgages Trust Series 2004-13, Class 3A7 2.791%, 11/21/2034 (H)	16,708	16,896
MFA Trust Series 2020-NQM3, Class A1, 1.014%, 01/26/2065 (C)(H)	54,314	54,025
Series 2021-NQM1, Class A1, 1.153%, 04/25/2065 (C)(H)	235,472	234,107
Series 2021-NQM2, Class A1, 1.029%, 11/25/2064 (C)(H)	234,034	231,818
Morgan Stanley Bank of America Merrill Lynch Trust Series 2014-C19, Class XA IO 0.980%, 12/15/2047	985,084	22,371
Morgan Stanley Capital I Trust Series 2014-150E, Class A, 3.912%, 09/09/2032 (C)	610,000	637,847
Series 2017-H1, Class XA IO, 1.344%, 06/15/2050	702,539	36,519
MTRO Commercial Mortgage Trust Series 2019-TECH, Class D (1 month LIBOR + 1.800%) 1.893%, 12/15/2033 (C)(G)	300,000	291,878
Natixis Commercial Mortgage Securities Trust Series 2019-1776, Class C 2.906%, 10/15/2036 (C)	185,000	184,598
New Residential Mortgage Loan Trust Series 2016-2A, Class A1, 3.750%, 11/26/2035 (C)(H)	222,595	232,352
Series 2016-4A, Class A1, 3.750%, 11/25/2056 (C)(H)	243,140	256,405
Series 2017-1A, Class A1, 4.000%, 02/25/2057 (C)(H)	434,579	457,881
Series 2017-2A, Class A3, 4.000%, 03/25/2057 (C)(H)	403,548	424,580
Series 2017-3A, Class A1, 4.000%, 04/25/2057 (C)(H)	314,731	329,797
Series 2017-4A, Class A1, 4.000%, 05/25/2057 (C)(H)	222,712	233,476
Series 2017-5A, Class A1 (1 month LIBOR + 1.500%), 1.592%, 06/25/2057 (C)(G)	215,883	218,467

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
New Residential Mortgage		
Loan Trust (continued)		
Series 2017-6A, Class A1, 4.000%, 08/27/2057 (C)(H)	\$ 375,575	\$ 393,210
Series 2018-1A, Class A1A, 4.000%, 12/25/2057 (C)(H)	160,746	169,163
Series 2018-4A, Class A1S (1 month LIBOR + 0.750%), 0.842%, 01/25/2048 (C)(G)	304,598	304,713
Series 2019-5A, Class A1B, 3.500%, 08/25/2059 (C)(H)	241,659	247,913
Series 2019-NQM4, Class A1, 2.492%, 09/25/2059 (C)(H)	74,599	74,831
Series 2021-NQ2R, Class A1, 0.941%, 10/25/2058 (C)(H)	170,373	169,459
NMLT Trust		
Series 2021-INV1, Class A1 1.185%, 05/25/2056 (C)(H)	513,356	505,922
Oaktown Re II, Ltd.		
Series 2018-1A, Class M1 (1 month LIBOR + 1.550%) 1.642%, 07/25/2028 (C)(G)	93,982	93,982
Oaktown Re III, Ltd.		
Series 2019-1A, Class M1A (1 month LIBOR + 1.400%) 1.492%, 07/25/2029 (C)(G)	32,514	32,525
OBX Trust		
Series 2021-NQM1, Class A1, 1.072%, 02/25/2066 (C)(H)	422,371	417,144
Series 2021-NQM3, Class A1, 1.020%, 07/25/2061 (C)(H)	317,001	312,724
PMT Credit Risk Transfer Trust		
Series 2019-1R, Class A (1 month LIBOR + 2.000%) 2.096%, 03/27/2024 (C)(G)	129,903	129,900
PRPM LLC		
Series 2020-6, Class A1, 2.363%, 11/25/2025 (C)	98,052	97,769
Series 2021-3, Class A1, 1.867%, 04/25/2026 (C)	256,369	254,808
Series 2021-4, Class A1, 1.867%, 04/25/2026 (C)	334,084	330,573
Series 2021-9, Class A1, 2.363%, 10/25/2026 (C)(H)	621,823	616,691
RALI Series Trust		
Series 2007-QH7, Class 1A1 (1 month LIBOR + 0.500%) 0.342%, 08/25/2037 (G)	46,848	44,553
RCO VII Mortgage LLC		
Series 2021-1, Class A1 1.868%, 05/26/2026 (C)	245,322	244,005
Seasoned Credit Risk Transfer Trust		
Series 2019-3, Class MV 3.500%, 10/25/2058	123,103	133,014
SG Commercial Mortgage Securities Trust		
Series 2020-COVE, Class A 2.632%, 03/15/2037 (C)	645,000	656,468
SG Residential Mortgage Trust		
Series 2021-1, Class A1 1.160%, 07/25/2061 (C)(H)	470,089	463,162

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Starwood Mortgage Residential Trust		
Series 2021-1, Class A1, 1.219%, 05/25/2065 (C)(H)	\$ 370,078	\$ 368,691
Series 2021-2, Class A1, 0.943%, 05/25/2065 (C)(H)	137,878	136,834
Series 2021-6, Class A1, 1.920%, 11/25/2066 (C)(H)	457,000	456,358
Toorak Mortgage Corp., Ltd.		
Series 2021-1, Class A1 2.240%, 06/25/2024 (C)	330,000	328,794
Triangle Re, Ltd.		
Series 2021-2, Class M1A (1 month LIBOR + 2.050%) 2.142%, 10/25/2033 (C)(G)	265,000	265,151
Verus Securitization Trust		
Series 2021-2, Class A1, 1.031%, 02/25/2066 (C)(H)	195,219	193,179
Series 2021-8, Class A1, 1.824%, 11/25/2066 (C)(H)	334,000	333,800
Series 2021-R2, Class A1, 0.918%, 02/25/2064 (C)(H)	212,271	211,634
WaMu Mortgage Pass-Through Certificates		
Series 2007-HY6, Class 1A1 2.788%, 06/25/2037 (H)	13,998	13,672
Washington Mutual Mortgage Pass-Through Certificates		
Series 2006-5, Class 1A1 (1 month LIBOR + 0.600%) 0.692%, 07/25/2036 (G)	21,863	14,817
Wells Fargo Commercial Mortgage Trust		
Series 2014-LC16, Class A5, 3.817%, 08/15/2050	310,000	324,835
Series 2015-NXS1, Class D, 4.146%, 05/15/2048 (H)	40,000	40,205
Series 2015-NXS1, Class XA IO, 1.093%, 05/15/2048	1,553,455	43,543
Series 2015-NXS3, Class XA IO, 0.898%, 09/15/2057	2,697,203	77,094
WF-RBS Commercial Mortgage Trust		
Series 2014-C19, Class A5 4.101%, 03/15/2047	304,634	320,301
		31,886,699
U.S. Government Agency – 2.4%		
Federal Home Loan Mortgage Corp.		
Series 2018-HRP1, Class M2 (1 month LIBOR + 1.650%), 1.742%, 04/25/2043 (C)(G)	75,347	75,370
Series 2019-DNA2, Class M2 (1 month LIBOR + 2.450%), 2.542%, 03/25/2049 (C)(G)	292,612	295,591
Series 2019-DNA3, Class M2 (1 month LIBOR + 2.050%), 2.142%, 07/25/2049 (C)(G)	247,241	248,922
Series 2019-HQA1, Class M2 (1 month LIBOR + 2.350%), 2.442%, 02/25/2049 (C)(G)	448,830	452,508
Series 2019-HQA3, Class M2 (1 month LIBOR + 1.850%), 1.942%, 09/25/2049 (C)(G)	180,853	181,307
Series 3883, Class PB, 3.000%, 05/15/2041	74,604	78,030

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal Home Loan		
Mortgage Corp. (continued)		
Series 4139, Class PA, 2.500%, 11/15/2041	\$ 268,371	\$ 276,518
Series K064, Class X1 IO, 0.740%, 03/25/2027	2,190,862	62,065
Series K068, Class A2, 3.244%, 08/25/2027	545,000	593,057
Series K104, Class X1 IO, 1.248%, 01/25/2030	1,321,246	103,816
Series K111, Class X1 IO, 1.681%, 05/25/2030	550,890	62,832
Series K114, Class X1 IO, 1.213%, 06/25/2030	1,601,492	133,112
Series K121, Class X1 IO, 1.124%, 10/25/2030	854,396	65,262
Series K122, Class X1 IO, 0.883%, 11/25/2030	479,291	32,326
Series K124, Class X1 IO, 0.812%, 12/25/2030	1,909,956	109,219
Federal National Mortgage Association		
Series 2012-18, Class GA, 2.000%, 12/25/2041	87,414	88,687
Series 2012-21, Class PQ, 2.000%, 09/25/2041	50,507	51,215
Series 2012-52, Class PA, 3.500%, 05/25/2042	69,380	73,291
Series 2012-75, Class KC, 2.500%, 12/25/2041	80,494	81,948
Series 2014-C04, Class 1M2 (1 month LIBOR + 4.900%), 4.992%, 11/25/2024 (G)	54,442	56,686
Series 2015-48, Class QB, 3.000%, 02/25/2043	131,091	135,020
Series 2015-C04, Class 1M2 (1 month LIBOR + 5.700%), 5.792%, 04/25/2028 (G)	45,451	47,876
Series 2016-11, Class GA, 2.500%, 03/25/2046	112,703	116,392
Series 2016-38, Class NA, 3.000%, 01/25/2046	56,912	60,036
Series 2016-C02, Class 1M2 (1 month LIBOR + 6.000%), 6.092%, 09/25/2028 (G)	26,202	27,073
Series 2016-C07, Class 2M2 (1 month LIBOR + 4.350%), 4.442%, 05/25/2029 (G)	259,463	269,361
Series 2017-26, Class CG, 3.500%, 07/25/2044	107,693	111,012
Series 2017-34, Class JK, 3.000%, 05/25/2047	58,008	59,226
Series 2017-35, Class AH, 3.500%, 04/25/2053	130,139	132,686
Series 2017-49, Class JA, 4.000%, 07/25/2053	112,766	116,093
Series 2017-84, Class KA, 3.500%, 04/25/2053	110,390	112,724
Series 2017-96, Class PA, 3.000%, 12/25/2054	183,124	189,416
Series 2017-C01, Class 1M2 (1 month LIBOR + 3.550%), 3.642%, 07/25/2029 (G)	160,837	164,697
Series 2018-19, Class DC, 3.500%, 05/25/2056	90,630	93,656

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National		
Mortgage Association (continued)		
Series 2018-23, Class LA, 3.500%, 04/25/2048	\$ 152,439	\$ 159,970
Series 2018-38, Class PC, 3.500%, 03/25/2045	26,315	26,514
Series 2018-70, Class HA, 3.500%, 10/25/2056	133,357	138,615
Series 2018-77, Class PA, 3.500%, 02/25/2048	44,774	46,266
Series 2018-80, Class GD, 3.500%, 12/25/2047	86,381	88,785
Series 2019-12, Class HA, 3.500%, 11/25/2057	185,399	195,736
Series 2019-14, Class CA, 3.500%, 04/25/2049	201,580	215,542
Series 2019-45, Class PT, 3.000%, 08/25/2049	192,837	200,024
Series 2019-7, Class CA, 3.500%, 11/25/2057	153,059	160,266
Series 2019-7, Class JA, 3.500%, 03/25/2049	170,015	179,120
Series 2019-HRP1, Class M2 (1 month LIBOR + 2.150%), 2.242%, 11/25/2039 (C)(G)	129,510	129,510
Series 2019-R03, Class 1M2 (1 month LIBOR + 2.150%), 2.242%, 09/25/2031 (C)(G)	43,554	43,721
Series 2019-R04, Class 2M2 (1 month LIBOR + 2.100%), 2.192%, 06/25/2039 (C)(G)	27,198	27,215
Series 415, Class A3, 3.000%, 11/25/2042	146,801	153,325
Government National		
Mortgage Association		
Series 2006-38, Class XS IO, 7.159%, 09/16/2035	29,059	3,195
Series 2013-37, Class LG, 2.000%, 01/20/2042	106,883	108,396
		6,633,230
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS		
(Cost \$38,486,167)	\$	38,519,929
ASSET BACKED SECURITIES – 8.4%		
AASET Trust		
Series 2020-1A, Class A 3.351%, 01/16/2040 (C)	198,709	186,462
ABFC Trust		
Series 2006-HE1, Class A2D (1 month LIBOR + 0.220%) 0.312%, 01/25/2037 (G)	105,755	73,321
Affirm Asset Securitization Trust		
Series 2020-Z1, Class A 3.460%, 10/15/2024 (C)	77,879	79,365
Series 2020-Z2, Class A 1.900%, 01/15/2025 (C)	171,689	172,508
AmeriCredit Automobile Receivables Trust		
Series 2019-3, Class D 2.580%, 09/18/2025	295,000	299,872
Atrium XII		
Series 12A, Class AR (3 month LIBOR + 0.830%) 0.968%, 04/22/2027 (C)(G)	685,633	686,253

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Avant Loans Funding Trust Series 2021-REV1, Class A 1.210%, 07/15/2030 (C)	\$ 225,000	\$ 223,141
Bain Capital Credit CLO, Ltd. Series 2017-2A, Class AR2 (3 month LIBOR + 1.180%) 1.315%, 07/25/2034 (C)(G)	650,000	650,404
Bayview Koitere Fund Trust Series 2017-RT4, Class A 3.500%, 07/28/2057 (C)(H)	314,508	319,534
Series 2017-SPL3, Class A 4.000%, 11/28/2053 (C)(H)	118,873	120,447
Bayview Mortgage Fund IVc Trust Series 2017-RT3, Class A 3.500%, 01/28/2058 (C)(H)	200,508	201,179
Bayview Opportunity Master Fund IVa Trust Series 2017-SPL1, Class A 4.000%, 10/28/2064 (C)(H)	276,486	279,829
Series 2017-SPL5, Class A 3.500%, 06/28/2057 (C)(H)	153,214	155,396
Bayview Opportunity Master Fund IVb Trust Series 2017-SPL4, Class A 3.500%, 01/28/2055 (C)(H)	130,570	132,097
BlueMountain CLO XXIV, Ltd. Series 2019-24A, Class AR (3 month LIBOR + 1.100%) 1.234%, 04/20/2034 (C)(G)	415,000	413,416
BlueMountain CLO XXXI, Ltd. Series 2021-31A, Class A1 (3 month LIBOR + 1.150%) 1.330%, 04/19/2034 (C)(G)	810,000	809,124
Buckhorn Park CLO, Ltd. Series 2019-1A, Class AR (3 month LIBOR + 1.120%) 1.258%, 07/18/2034 (C)(G)	550,000	549,691
CF Hippolyta LLC Series 2020-1, Class A2 1.990%, 07/15/2060 (C)	131,586	129,236
CIFC Funding, Ltd. Series 2017-2A, Class AR (3 month LIBOR + 0.950%) 1.084%, 04/20/2030 (C)(G)	900,000	900,023
Citigroup Mortgage Loan Trust Series 2019-E, Class A1 3.228%, 11/25/2070 (C)	218,897	219,027
Credit Acceptance Auto Loan Trust Series 2021-3A, Class A 1.000%, 05/15/2030 (C)	250,000	247,950
Domino's Pizza Master Issuer LLC Series 2018-1A, Class A21 4.116%, 07/25/2048 (C)	358,900	366,834
Series 2019-1A, Class A2 3.668%, 10/25/2049 (C)	171,938	180,965
Series 2021-1A, Class A21 2.662%, 04/25/2051 (C)	268,650	269,781
Drive Auto Receivables Trust Series 2019-4, Class D 2.700%, 02/16/2027	255,000	259,256
Exeter Automobile Receivables Trust Series 2019-4A, Class D 2.580%, 09/15/2025 (C)	570,000	579,239
Series 2020-1A, Class D 2.730%, 12/15/2025 (C)	170,000	173,474

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
First Franklin Mortgage Loan Trust Series 2006-FF12, Class A5 (1 month LIBOR + 0.310%) 0.402%, 09/25/2036 (G)	\$ 233,430	\$ 225,855
GSAA Home Equity Trust Series 2006-10, Class AF3 5.985%, 06/25/2036 (H)	144,386	53,484
Series 2006-15, Class AF6 6.376%, 09/25/2036	366,186	138,284
Series 2006-20, Class 2A1A (1 month LIBOR + 0.100%) 0.192%, 12/25/2046 (G)	214,998	130,315
GSAA Trust Series 2005-7, Class AF4 5.558%, 05/25/2035	205,242	204,385
GSAMP Trust Series 2007-FM2, Class A2B (1 month LIBOR + 0.090%) 0.182%, 01/25/2037 (G)	203,586	147,371
LCM XX LP Series 2020-A, Class AR (3 month LIBOR + 1.040%) 1.174%, 10/20/2027 (C)(G)	253,071	253,102
Madison Park Funding XXXVIII, Ltd. Series 2021-38A, Class A (3 month LIBOR + 1.120%) 1.276%, 07/17/2034 (C)(G)	655,000	654,257
Marlette Funding Trust Series 2021-2A, Class B 1.060%, 09/15/2031 (C)	120,000	119,062
Mercury Financial Credit Card Master Trust Series 2021-1A, Class A 1.540%, 03/20/2026 (C)	250,000	249,768
MFA LLC Series 2021-NPL1, Class A1 2.363%, 03/25/2060 (C)	502,072	499,297
Navient Private Education Refi Loan Trust Series 2021-EA, Class A 0.970%, 12/16/2069 (C)	219,191	215,451
NRZ Excess Spread-Collateralized Notes Series 2020-PLS1, Class A 3.844%, 12/25/2025 (C)	70,920	71,222
OCP CLO, Ltd. Series 2015-9A, Class A1R (3 month LIBOR + 0.800%) 0.926%, 07/15/2027 (C)(G)	6,762	6,762
OZLM XII, Ltd. Series 2015-12A, Class A1R (3 month LIBOR + 1.050%) 1.236%, 04/30/2027 (C)(G)	193,133	193,147
Palmer Square Loan Funding, Ltd. Series 2018-5A, Class A1 (3 month LIBOR + 0.850%) 0.984%, 01/20/2027 (C)(G)	144,599	144,603
PRET LLC Series 2021-NPL3, Class A1 1.868%, 07/25/2051 (C)	241,803	239,968
Series 2021-NPL6, Class A1 2.487%, 07/25/2051 (C)	310,000	309,498
Regatta VI Funding, Ltd. Series 2016-1A, Class AR2 (3 month LIBOR + 1.160%) 1.294%, 04/20/2034 (C)(G)	595,000	594,672

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
RR 1 LLC		
Series 2017-1A, Class A1AB (3 month LIBOR + 1.150%) 1.230%, 07/15/2035 (C)(G)	\$ 675,000	\$ 675,103
RR 16, Ltd.		
Series 2021-16A, Class A1 (3 month LIBOR + 1.110%) 1.278%, 07/15/2036 (C)(G)	585,000	584,021
Santander Drive Auto Receivables Trust		
Series 2020-4, Class D 1.480%, 01/15/2027	75,000	75,217
Securitized Asset Backed Receivables LLC Trust		
Series 2006-HE1, Class A2B (1 month LIBOR + 0.180%) 0.272%, 07/25/2036 (G)	130,253	60,468
Sound Point CLO XXIX, Ltd.		
Series 2021-1A, Class A (3 month LIBOR + 1.070%) 1.260%, 04/25/2034 (C)(G)	655,000	651,426
Soundview Home Loan Trust		
Series 2007-OPT2, Class 2A3 (1 month LIBOR + 0.180%) 0.272%, 07/25/2037 (G)	27,808	26,667
Summit Issuer LLC		
Series 2020-1A, Class A2 2.290%, 12/20/2050 (C)	155,000	153,589
TICP CLO III-2, Ltd.		
Series 2018-3R, Class A (3 month LIBOR + 0.840%) 0.974%, 04/20/2028 (C)(G)	224,847	224,857
Towd Point Mortgage Trust		
Series 2016-2, Class A1A 2.750%, 08/25/2055 (C)(H)	33,845	33,925
Series 2016-3, Class A1 2.250%, 04/25/2056 (C)(H)	19,158	19,163
Series 2017-1, Class A1 2.750%, 10/25/2056 (C)(H)	241,454	243,536
Series 2017-2, Class A1 2.750%, 04/25/2057 (C)(H)	60,204	60,674
Series 2017-3, Class A1 2.750%, 07/25/2057 (C)(H)	132,626	134,018
Series 2017-4, Class A1 2.750%, 06/25/2057 (C)(H)	254,255	258,386
Series 2017-5, Class A1 (1 month LIBOR + 0.600%) 0.692%, 02/25/2057 (C)(G)	157,757	157,675
Series 2021-R1, Class A1 2.918%, 11/30/2060 (C)(H)	638,088	642,168
VCAT LLC		
Series 2021-NPL2, Class A1 2.115%, 03/27/2051 (C)	104,536	104,304
Series 2021-NPL3, Class A1 1.743%, 05/25/2051 (C)	315,291	312,019
Venture 42 CLO, Ltd.		
Series 2021-42A, Class A1A (3 month LIBOR + 1.130%) 1.327%, 04/15/2034 (C)(G)	655,000	653,585
Venture 43 CLO, Ltd.		
Series 2021-43A, Class A1 (3 month LIBOR + 1.240%) 1.434%, 04/15/2034 (C)(G)	260,000	260,269
Venture XXI CLO, Ltd.		
Series 2015-21A, Class AR (3 month LIBOR + 0.880%) 1.006%, 07/15/2027 (C)(G)	257,663	257,666

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Vericrest Opportunity Loan Transferee		
Series 2021-NP11, Class A1 1.868%, 08/25/2051 (C)	\$ 534,428	\$ 530,500
Verus Securitization Trust		
Series 2020-NPL1, Class A1 3.598%, 08/25/2050 (C)	106,155	106,318
VOLT CIII LLC		
Series 2021-CF1, Class A1 1.992%, 08/25/2051 (C)	396,389	394,394
VOLT XCIV LLC		
Series 2021-NPL3, Class A1 2.240%, 02/27/2051 (C)	312,753	311,080
Voya CLO, Ltd.		
Series 2015-1A, Class A1R (3 month LIBOR + 0.900%) 1.034%, 01/18/2029 (C)(G)	677,383	677,446
Wellfleet CLO X, Ltd.		
Series 2019-XA, Class A1R (3 month LIBOR + 1.170%) 1.356%, 07/20/2032 (C)(G)	520,000	519,999
Wendy's Funding LLC		
Series 2018-1A, Class A2II 3.884%, 03/15/2048 (C)	225,600	234,216
Series 2021-1A, Class A2I 2.370%, 06/15/2051 (C)	582,075	568,633
Westlake Automobile Receivables Trust		
Series 2019-3A, Class D 2.720%, 11/15/2024 (C)	420,000	427,145
Series 2020-3A, Class D 1.650%, 02/17/2026 (C)	215,000	215,512
Wingstop Funding LLC		
Series 2020-1A, Class A2 2.841%, 12/05/2050 (C)	99,500	99,346
TOTAL ASSET BACKED SECURITIES (Cost \$22,967,516)		\$ 22,801,652
COMMON STOCKS – 0.0%		
Energy – 0.0%		
Foresight Energy LLC (I)	895	11,633
TOTAL COMMON STOCKS (Cost \$119,525)		\$ 11,633
PURCHASED OPTIONS – 0.0%		
Puts – 0.0%		
Over the Counter Option on 10 Year Interest Rate Swap. Receive a floating rate based on 3-month USD LIBOR and pay a fixed rate of 2.200% (Expiration Date: 3-14-22; Strike Rate: 2.200%; Counterparty: Bank of America, N.A.) (I)(J)	8,705,000	11,472
Over the Counter Option on 10 Year Interest Rate Swap. Receive a floating rate based on 3-month USD LIBOR and pay a fixed rate of 2.200% (Expiration Date: 3-14-22; Strike Rate: 2.200%; Counterparty: Citibank, N.A.) (I)(J)	8,370,000	11,031
		22,503
TOTAL PURCHASED OPTIONS (Cost \$297,615)		\$ 22,503
SHORT-TERM INVESTMENTS – 1.1%		
Short-term funds – 0.0%		
John Hancock Collateral Trust, 0.1697% (K)(L)	6,455	64,565

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS (continued)		
Repurchase agreement – 1.1%		
Deutsche Bank Tri-Party Repurchase Agreement dated 12-31-21 at 0.040% to be repurchased at \$2,900,010 on 1-3-22, collateralized by \$2,958,100 U.S. Treasury Bills, 0.000% due 1-25-22 (valued at \$2,958,076)		
	\$ 2,900,000	\$ 2,900,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$2,964,576)		\$ 2,964,565
Total Investments (Investment Quality Bond Trust)		\$ 362,299,539
Other assets and liabilities, net – (33.7%)		(91,380,913)
TOTAL NET ASSETS – 100.0%		\$ 270,918,626

Currency Abbreviations

BRL	Brazilian Real
EUR	Euro
MXN	Mexican Peso

Security Abbreviations and Legend

CMT	Constant Maturity Treasury
EURIBOR	Euro Interbank Offered Rate
GO	General Obligation
IO	Interest-Only Security - (Interest Tranche of Stripped Mortgage Pool). Rate shown is the annualized yield at the end of the period.
LIBOR	London Interbank Offered Rate
SOFR	Secured Overnight Financing Rate
TBA	To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
10-Year U.S. Treasury Note Futures	58	Long	Mar 2022	\$7,580,244	\$7,567,188	\$(13,056)
2-Year U.S. Treasury Note Futures	55	Long	Mar 2022	12,005,563	11,999,453	(6,110)
5-Year U.S. Treasury Note Futures	111	Long	Mar 2022	13,426,812	13,428,400	1,588
Euro-BTP Italian Government Bond Futures	18	Short	Mar 2022	(3,048,308)	(3,012,675)	35,633
Euro-Buxl Futures	6	Short	Mar 2022	(1,476,740)	(1,412,240)	64,500
German Euro BUND Futures	18	Short	Mar 2022	(3,558,590)	(3,511,884)	46,706
U.S. Treasury Long Bond Futures	60	Short	Mar 2022	(9,568,671)	(9,626,250)	(57,579)
Ultra U.S. Treasury Bond Futures	81	Short	Mar 2022	(15,733,767)	(15,967,125)	(233,358)
Ultra U.S. Treasury Bond Futures	66	Short	Mar 2022	(9,565,044)	(9,664,875)	(99,831)
						\$(261,507)

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

FORWARD FOREIGN CURRENCY CONTRACTS

Contract to buy	Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
USD 425,775	BRL 2,425,000	DB	3/16/2022	—	\$(2,009)
USD 128,603	EUR 114,000	DB	1/31/2022	—	(1,256)
USD 7,192,304	EUR 6,342,000	DB	3/16/2022	—	(38,667)

Investment Quality Bond Trust (continued)

- (A) All or a portion of this security is segregated at the custodian as collateral for certain derivatives.
- (B) Security purchased or sold on a when-issued or delayed delivery basis.
- (C) 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 \$74,832,455 or 27.6% of the fund's net assets as of 12-31-21.
- (D) All or a portion of this security is on loan as of 12-31-21.
- (E) Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
- (F) This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
- (G) Variable rate obligation. The coupon rate shown represents the rate at period end.
- (H) 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. The interest rate shown is the current rate as of period end.
- (I) Non-income producing security.
- (J) For this type of option, notional amounts are equivalent to number of contracts.
- (K) The rate shown is the annualized seven-day yield as of 12-31-21.
- (L) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued) FORWARD FOREIGN CURRENCY CONTRACTS (continued)

Contract to buy	Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
USD 1,099,616	MXN 23,490,000	BNP	3/16/2022	—	\$(33,230)
				—	\$(75,162)

WRITTEN OPTIONS

Interest rate swaptions

Description	Counterparty (OTC)	Floating rate index	Pay/receive floating rate	Exercise rate	Expiration date	Notional amount*	Premium	Value
Puts								
5-Year Interest Rate Swap	BOA	3 month USD LIBOR	Pay	1.500%	Mar 2022	USD 8,705,000	\$ 87,050	\$(44,527)
5-Year Interest Rate Swap	CITI	3 month USD LIBOR	Pay	1.500%	Mar 2022	USD 8,370,000	92,070	(42,813)
							\$179,120	\$(87,340)

* For this type of option, notional amounts are equivalent to number of contracts.

SWAPS

Interest rate swaps

Counterparty (OTC)/ Centrally cleared	Notional amount	Currency	Payments made	Payments received	Fixed payment frequency	Floating payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Centrally cleared	4,255,000	USD	Fixed 1.380%	USD Compounded SOFR	Annual	Annual	Dec 2031	\$(25,146)	\$(5,124)	\$(30,270)
Centrally cleared	2,185,000	USD	Fixed 1.560%	USD Compounded SOFR	Annual	Annual	Dec 2041	(12,206)	(20,145)	(32,351)
Centrally cleared	1,320,000	USD	Fixed 1.560%	USD Compounded SOFR	Annual	Annual	Dec 2051	(8,250)	(27,433)	(35,683)
								\$(45,602)	\$(52,702)	\$(98,304)

Credit default swaps - Buyer

Counterparty (OTC)/ Centrally cleared	Reference obligation	Notional amount	Currency	USD notional amount	Pay fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Centrally cleared	CDX.EM.35	1,325,000	USD	\$1,325,000	1.000%	Quarterly	Jun 2026	\$36,319	\$6,969	\$43,288
				\$1,325,000				\$36,319	\$6,969	\$43,288

Credit default swaps - Seller

Counterparty (OTC)/ Centrally cleared	Reference obligation	Implied credit spread	Notional amount	Currency	USD notional amount	Received fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
GSI	CMBX.NA.BBB-6	54.026%	1,303,823	USD	\$1,303,823	3.000%	Monthly	May 2063	\$(77,948)	\$(286,362)	\$(364,310)
MSI	CMBX.NA.BBB-6	54.026%	43,960	USD	43,960	3.000%	Monthly	May 2063	(6,588)	(5,695)	(12,283)
					\$1,347,783				\$(84,536)	\$(292,057)	\$(376,593)
Centrally cleared	Republic of Panama	0.691%	210,000	USD	210,000	1.000%	Quarterly	Jun 2026	1,606	1,309	2,915
Centrally cleared	CDX.NA.HY.37	2.944%	1,150,000	USD	1,150,000	5.000%	Quarterly	Dec 2026	100,351	6,503	106,854
					\$1,360,000				\$101,957	\$7,812	\$109,769
					\$2,707,783				\$17,421	\$(284,245)	\$(266,824)

Derivatives Currency Abbreviations

BRL	Brazilian Real
EUR	Euro
MXN	Mexican Peso
USD	U.S. Dollar

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Investment Quality Bond Trust (continued)

Derivatives Abbreviations

BNP	BNP Paribas
BOA	Bank of America, N.A.
CITI	Citibank, N.A.
DB	Deutsche Bank AG
GSI	Goldman Sachs International
LIBOR	London Interbank Offered Rate
MSI	Morgan Stanley & Co. International PLC
OTC	Over-the-counter
SOFR	Secured Overnight Financing Rate

See Notes to financial statements regarding investment transactions and other derivatives information.

Money Market Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT – 15.9%		
U.S. Treasury Bill		
0.035%, 01/25/2022	\$ 16,609,200	\$ 16,608,812
0.041%, 03/24/2022	19,592,400	19,590,615
0.042%, 02/10/2022	22,000,000	21,998,998
0.043%, 02/15/2022	26,045,600	26,044,216
0.045%, 01/06/2022	17,126,600	17,126,494
0.046%, 01/13/2022	33,070,100	33,069,604
0.048%, 03/03/2022	17,000,000	16,998,632
0.051%, 01/20/2022	30,000,000	29,999,208
0.052%, 03/10/2022	19,511,900	19,510,020
0.067%, 03/24/2022	26,135,900	26,131,953
U.S. Treasury Note		
0.087%, 09/30/2022	4,000,000	4,001,156
0.088%, 04/30/2022	23,860,400	24,000,604
0.097%, 03/31/2022	17,810,500	17,822,597
0.112%, (3 month USBMMY + 0.154%), 01/31/2022 (A)	6,500,000	6,500,698
0.126%, (3 month USBMMY + 0.055%), 07/31/2022 (A)	27,763,300	27,765,901
0.210%, 11/30/2022	9,800,000	9,792,461
TOTAL U.S. GOVERNMENT (Cost \$316,961,969)		\$ 316,961,969
U.S. GOVERNMENT AGENCY – 79.5%		
Federal Agricultural Mortgage Corp.		
0.005%, 01/03/2022	90,308,000	90,307,972
0.035%, 01/04/2022	25,000,000	24,999,927
0.041%, 01/12/2022	6,837,000	6,836,916
0.041%, 01/26/2022	6,837,000	6,836,810
0.041%, 01/28/2022	6,511,000	6,510,805
0.041%, 01/31/2022	19,710,000	19,709,343
0.047%, (3 month LIBOR - 0.100%), 01/25/2022 (A)	23,385,000	23,384,651
0.051%, 03/22/2022	10,000,000	9,998,889
0.051%, 02/02/2022	9,836,000	9,835,563
0.051%, 02/24/2022	22,943,000	22,941,279
0.056%, 03/14/2022	6,543,000	6,542,280
0.059%, 02/28/2022	15,000,000	14,998,598
0.066%, (SOFR + 0.015%), 09/30/2022 (A)	13,683,000	13,683,000
0.066%, (SOFR + 0.015%), 10/27/2022 (A)	6,820,000	6,820,000
0.066%, (SOFR + 0.015%), 11/04/2022 (A)	10,000,000	10,000,000
0.071%, (SOFR + 0.020%), 03/04/2022 (A)	14,056,000	14,056,000
0.075%, 06/24/2022	13,909,000	13,909,000
0.076%, 08/26/2022	5,471,000	5,468,299
Federal Farm Credit Bank		
0.010%, 01/13/2022	5,000,000	4,999,983
0.027%, 02/02/2022	21,824,000	21,823,491

Money Market Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AGENCY (continued)		
Federal Farm Credit Bank (continued)		
0.041%, 02/04/2022	\$ 9,931,000	\$ 9,930,625
0.041%, 02/10/2022	6,824,000	6,823,697
0.041%, 04/22/2022	12,000,000	11,998,520
0.041%, 03/17/2022	13,051,000	13,049,912
0.044%, 03/18/2022	2,936,000	2,939,605
0.051%, 01/18/2022	5,742,000	5,743,275
0.051%, 01/10/2022	1,000,000	999,988
0.051%, 04/19/2022	10,000,000	9,998,500
0.051%, 02/15/2022	3,324,000	3,323,792
0.051%, 02/23/2022	6,648,000	6,647,511
0.051%, 04/06/2022	13,167,000	13,165,263
0.051%, 04/20/2022	9,982,000	9,980,489
0.061%, 02/25/2022	7,006,000	7,005,358
0.061%, 05/27/2022	4,000,000	3,999,027
0.061%, 06/23/2022	3,300,000	3,299,049
0.061%, 06/06/2022	12,000,000	11,996,880
0.061%, 04/27/2022	1,645,000	1,646,262
0.062%, 05/06/2022	17,000,000	17,011,058
0.062%, 05/16/2022	5,321,000	5,322,766
0.066%, (SOFR + 0.060%), 10/21/2022 (A)	13,591,000	13,595,972
0.071%, 07/06/2022	6,839,000	6,836,527
0.071%, 05/11/2022	2,000,000	1,999,494
0.071%, 05/23/2022	7,000,000	6,998,067
0.076%, (U.S. Federal Funds Effective Rate - 0.005%), 06/22/2023 (A)	6,923,000	6,923,000
0.076%, (Prime rate - 3.180%), 10/19/2022 (A)	10,599,000	10,598,572
0.076%, (U.S. Federal Funds Effective Rate - 0.015%), 05/15/2023 (A)	4,000,000	3,999,444
0.076%, (Prime rate - 3.180%), 07/27/2022 (A)	9,000,000	8,999,741
0.077%, 09/21/2022	10,000,000	9,999,566
0.081%, (SOFR + 0.030%), 06/14/2023 (A)	3,457,000	3,457,000
0.085%, 08/10/2022	8,917,000	8,919,354
0.091%, (Prime rate - 3.160%), 05/18/2023 (A)	6,969,000	6,969,000
0.091%, 10/13/2022	1,706,000	1,706,923
0.096%, (Prime rate - 3.155%), 09/08/2023 (A)	8,500,000	8,500,000
0.100%, 04/27/2022	1,000,000	1,000,000
0.106%, (Prime rate - 3.145%), 03/15/2023 (A)	7,011,000	7,011,000
0.109%, (3 month USBMMY + 0.023%), 07/17/2023 (A)	10,000,000	10,000,000
0.111%, (SOFR + 0.135%), 11/06/2023 (A)	300,000	300,421
0.117%, (3 month USBMMY + 0.025%), 06/15/2023 (A)	10,277,000	10,276,243

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Money Market Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AGENCY (continued)		
Federal Farm Credit Bank (continued)		
0.119%, 04/13/2022	\$ 2,393,000	\$ 2,393,010
0.121%, 09/22/2022	1,000,000	1,000,000
0.127%, (SOFR + 0.075%), 11/03/2022 (A)	7,362,000	7,362,000
0.132%, (SOFR + 0.080%), 10/14/2022 (A)	5,862,000	5,862,000
0.142%, (3 month USBMMY + 0.270%), 05/16/2022 (A)	11,691,000	11,700,398
0.142%, (SOFR + 0.090%), 09/23/2022 (A)	7,315,000	7,315,000
0.142%, (3 month USBMMY + 0.055%), 01/31/2023 (A)	14,262,000	14,262,000
0.146%, (Prime rate - 3.105%), 02/14/2022 (A)	14,662,000	14,662,023
0.152%, (SOFR + 0.320%), 06/09/2023 (A)	154,000	154,492
0.157%, (Prime rate - 3.100%), 03/15/2022 (A)	7,306,000	7,305,923
0.157%, (3 month USBMMY + 0.100%), 01/18/2022 (A)	3,290,000	3,290,047
0.157%, (Prime rate - 3.095%), 04/20/2022 (A)	28,319,000	28,319,000
0.191%, 11/18/2022	2,000,000	1,998,241
0.198%, (SOFR + 0.145%), 07/28/2022 (A)	3,670,000	3,670,000
0.211%, 12/15/2022	500,000	499,758
0.277%, (3 month USBMMY + 0.290%), 04/11/2022 (A)	17,382,000	17,386,919
0.436%, (SOFR + 0.380%), 04/22/2022 (A)	7,376,000	7,376,000
Federal Home Loan Bank		
0.020%, 01/06/2022	7,000,000	6,999,981
0.024%, 01/28/2022	26,385,000	26,432,596
0.025%, 01/26/2022	32,620,000	32,619,434
0.030%, 01/20/2022	32,605,000	32,604,484
0.035%, 02/02/2022	10,324,000	10,323,679
0.035%, 01/19/2022	46,229,000	46,228,207
0.035%, 02/09/2022	39,602,000	39,600,498
0.039%, 02/11/2022	44,867,000	44,865,022
0.041%, 02/15/2022	2,000,000	1,999,900
0.043%, 01/21/2022	39,267,000	39,266,068
0.043%, 02/25/2022	14,839,000	14,838,041
0.044%, 01/05/2022	13,000,000	12,999,938
0.046%, 02/16/2022	14,042,000	14,041,193
0.046%, 02/22/2022	10,229,000	10,228,335
0.046%, 03/30/2022	33,335,000	33,331,272
0.046%, 01/14/2022	20,000,000	19,999,675
0.046%, 02/17/2022	18,530,000	18,528,896
0.046%, 01/18/2022	16,667,000	16,666,646
0.046%, 03/04/2022	13,324,000	13,322,969
0.046%, 03/09/2022	2,739,000	2,738,771
0.047%, 02/23/2022	34,793,000	34,790,602
0.048%, 03/11/2022	6,824,000	6,823,385
0.048%, 03/18/2022	19,602,000	19,600,055
0.050%, 03/16/2022	26,443,000	26,440,338
0.051%, (SOFR + 0.120%), 02/28/2022 (A)	3,410,000	3,410,656
0.051%, 02/18/2022	14,000,000	13,999,067
0.051%, 03/23/2022	6,000,000	5,999,325
0.051%, 05/16/2022	3,000,000	2,999,438
0.052%, 04/22/2022	12,000,000	11,998,113
0.055%, 04/20/2022	19,980,000	19,976,733
0.056%, 02/14/2022	13,160,000	13,159,902
0.056%, 04/08/2022	15,000,000	14,997,777
0.056%, 03/21/2022	19,567,000	19,564,638
0.056%, 05/04/2022	9,942,000	9,940,132

Money Market Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AGENCY (continued)		
Federal Home Loan Bank (continued)		
0.058%, 05/06/2022	\$ 9,857,000	\$ 9,855,049
0.061%, (SOFR + 0.010%), 10/17/2022 (A)	6,825,000	6,825,000
0.062%, 06/10/2022	9,175,000	9,258,189
0.064%, 05/13/2022	16,868,000	16,864,103
0.067%, 03/11/2022	1,315,000	1,321,133
0.072%, 08/19/2022	3,415,000	3,414,935
0.112%, (SOFR + 0.060%), 11/23/2022 (A)	18,370,000	18,370,000
0.112%, (SOFR + 0.060%), 12/16/2022 (A)	10,000,000	10,000,000
0.142%, (SOFR + 0.090%), 08/12/2022 (A)	14,640,000	14,640,000
0.212%, 12/02/2022	9,000,000	9,000,000
0.256%, 08/24/2022	35,000	35,382
0.304%, 09/30/2022	1,325,000	1,375,698
Federal Home Loan Mortgage Corp.		
0.060%, 07/25/2022	7,166,000	7,168,602
0.067%, 01/13/2022	11,740,000	11,748,841
0.150%, (SOFR + 0.150%), 03/04/2022 (A)	11,784,000	11,785,054
0.315%, 11/23/2022	2,000,000	1,997,796
0.458%, 11/18/2022	26,000	25,937
Federal National Mortgage Association		
0.049%, 04/05/2022	2,803,000	2,816,217
0.053%, 01/05/2022	3,484,000	3,484,736
0.056%, 01/11/2022	13,233,000	13,242,177
0.094%, 09/06/2022	4,081,000	4,116,802
0.166%, 09/29/2022	1,643,000	1,659,628
0.234%, (SOFR + 0.350%), 04/07/2022 (A)	4,411,000	4,412,995
0.243%, (SOFR + 0.190%), 05/19/2022 (A)	14,746,000	14,746,000
0.253%, (SOFR + 0.200%), 06/15/2022 (A)	6,000,000	6,000,000
Tennessee Valley Authority		
0.037%, 01/12/2022	19,567,000	19,566,785
TOTAL U.S. GOVERNMENT AGENCY (Cost \$1,586,258,343)		\$ 1,586,258,343
REPURCHASE AGREEMENT – 5.2%		
Barclays Tri-Party Repurchase Agreement dated 12-31-21 at 0.050% to be repurchased at \$63,000,263 on 1-3-22, collateralized by \$57,454,583 U.S. Treasury Inflation Indexed Notes, 0.125% due 7-15-30 (valued at \$64,260,310)		
	63,000,000	63,000,000
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$40,151,000 on 1-3-22, collateralized by \$41,874,300 U.S. Treasury Notes, 1.000% due 7-31-28 (valued at \$40,954,096)		
	40,151,000	40,151,000
TOTAL REPURCHASE AGREEMENT (Cost \$103,151,000)		\$ 103,151,000
Total Investments (Money Market Trust) (Cost \$2,006,371,312) – 100.6%		\$ 2,006,371,312 (12,343,993)
Other assets and liabilities, net – (0.6%)		\$ 1,994,027,319
TOTAL NET ASSETS – 100.0%		\$ 1,994,027,319
Security Abbreviations and Legend		
LIBOR	London Interbank Offered Rate	
SOFR	Secured Overnight Financing Rate	
USBMMY	U.S. Treasury Bill Money Market Yield	
(A)	Variable rate obligation.	

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS - 5.1%		
U.S. Government Agency - 5.1%		
Federal National Mortgage Association		
2.000%, TBA (A)	\$ 4,497,000	\$ 4,482,952
2.500%, TBA (A)	6,236,000	6,367,543
		10,850,495
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$10,834,719)		\$ 10,850,495
FOREIGN GOVERNMENT OBLIGATIONS - 44.0%		
Argentina - 0.2%		
Republic of Argentina		
1.000%, 07/09/2029	34,723	12,587
(1.125% to 7-9-22, then 1.500% to 7-9-23, then 3.625% to 7-9-24, then 4.125% to 7-9-27, then 4.750% to 7-9-28, then 5.000% thereafter), 07/09/2035	1,534,439	491,036
		503,623
Australia - 1.8%		
Commonwealth of Australia		
0.250%, 11/21/2032	AUD 2,110,000	1,689,994
Commonwealth of Australia, Inflation Linked Bond		
0.812%, 11/21/2027	2,400,000	2,077,307
		3,767,301
Benin - 0.3%		
Republic of Benin		
4.950%, 01/22/2035	EUR 445,000	482,607
6.875%, 01/19/2052	100,000	113,212
		595,819
Bermuda - 0.1%		
Government of Bermuda		
3.375%, 08/20/2050	\$ 200,000	199,750
Brazil - 2.6%		
Federative Republic of Brazil		
6.000%, 05/15/2055	BRL 1,756,000	1,292,583
10.000%, 01/01/2025 to 01/01/2029	24,132,000	4,222,070
		5,514,653
Bulgaria - 0.4%		
Republic of Bulgaria		
1.375%, 09/23/2050	EUR 765,000	830,041
Canada - 1.0%		
Government of Canada		
0.500%, 12/01/2050	CAD 398,506	373,725
1.500%, 12/01/2044	584,929	635,873
2.750%, 12/01/2048	1,180,000	1,151,231
		2,160,829
Chile - 1.3%		
Republic of Chile		
1.900%, 09/01/2030	CLP 2,324,380,500	2,662,943
5.000%, 03/01/2035	150,000,000	167,218
		2,830,161
Colombia - 1.4%		
Republic of Colombia		
3.875%, 02/15/2061	\$ 1,305,000	1,004,863
5.000%, 06/15/2045	400,000	361,000
5.625%, 02/26/2044	255,000	246,871
6.000%, 04/28/2028	COP 1,667,200,000	370,625
6.125%, 01/18/2041	\$ 645,000	663,873
7.375%, 09/18/2037	190,000	220,875
		2,868,107

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Croatia - 0.1%		
Republic of Croatia		
1.750%, 03/04/2041	EUR 260,000	\$ 304,909
Czech Republic - 0.2%		
Czech Republic		
2.500%, 08/25/2028	CZK 9,430,000	414,714
Dominican Republic - 0.1%		
The Dominican Republic		
5.875%, 01/30/2060	\$ 150,000	144,188
Egypt - 0.4%		
Arab Republic of Egypt		
6.875%, 04/30/2040	250,000	210,624
7.300%, 09/30/2033 (B)	200,000	184,008
7.903%, 02/21/2048	620,000	518,568
		913,200
Gabon - 0.1%		
Republic of Gabon		
7.000%, 11/24/2031	200,000	195,500
Ghana - 0.2%		
Republic of Ghana		
10.750%, 10/14/2030	450,000	503,082
Greece - 0.1%		
Republic of Greece, GDP-Linked Note		
4.404%, 10/15/2042 (C)*	EUR 409,185,000	279,514
Guatemala - 0.1%		
Republic of Guatemala		
6.125%, 06/01/2050	\$ 225,000	257,627
Hungary - 0.7%		
Republic of Hungary		
1.500%, 11/17/2050	EUR 495,000	531,361
1.625%, 04/28/2032	520,000	617,349
2.750%, 12/22/2026	HUF 108,330,000	309,624
		1,458,334
Iceland - 1.9%		
Republic of Iceland		
5.000%, 11/15/2028	ISK 433,770,000	3,532,861
6.500%, 01/24/2031	46,170,000	418,306
		3,951,167
Indonesia - 1.1%		
Republic of Indonesia		
1.000%, 07/28/2029	EUR 105,000	117,357
1.100%, 03/12/2033	520,000	570,259
1.300%, 03/23/2034	215,000	236,366
1.400%, 10/30/2031	380,000	433,201
9.000%, 03/15/2029	IDR 11,324,000,000	919,186
		2,276,369
Israel - 2.3%		
State of Israel		
3.750%, 03/31/2047	ILS 11,582,863	4,909,290
State of Israel, CPI Linked Bond		
0.500%, 11/30/2051	30,837	11,248
		4,920,538
Ivory Coast - 0.3%		
Republic of Ivory Coast		
4.875%, 01/30/2032	EUR 260,000	283,959
6.625%, 03/22/2048	300,000	338,292
		622,251
Japan - 4.5%		
Government of Japan, CPI Linked Bond		
0.100%, 03/10/2028	JPY 1,052,797,662	9,463,555

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Jordan - 0.1%		
The Hashemite Kingdom of Jordan		
5.850%, 07/07/2030	\$ 200,000	\$ 202,026
Kazakhstan - 0.2%		
Republic of Kazakhstan		
1.500%, 09/30/2034	EUR 310,000	351,700
Kenya - 0.1%		
Republic of Kenya		
8.250%, 02/28/2048	\$ 200,000	202,868
Lithuania - 0.2%		
Republic of Lithuania		
0.750%, 07/15/2051	EUR 270,000	295,344
1.625%, 06/19/2049	150,000	204,435
		499,779
Macedonia - 0.7%		
Republic of North Macedonia		
1.625%, 03/10/2028	1,235,000	1,317,096
2.750%, 01/18/2025	150,000	174,490
		1,491,586
Malaysia - 0.4%		
Government of Malaysia		
3.733%, 06/15/2028	MYR 3,120,000	762,478
Mexico - 1.3%		
Government of Mexico		
2.125%, 10/25/2051	EUR 845,000	791,252
3.625%, 04/09/2029	550,000	722,799
4.000%, 11/15/2040	MXN 4,894,729	259,671
5.625%, 03/19/2114	GBP 100,000	145,823
8.500%, 05/31/2029	MXN 17,642,600	911,473
		2,831,018
Morocco - 0.5%		
Kingdom of Morocco		
1.500%, 11/27/2031	EUR 120,000	125,279
2.000%, 09/30/2030	310,000	342,511
4.000%, 12/15/2050	\$ 400,000	362,500
5.500%, 12/11/2042	240,000	264,648
		1,094,938
New Zealand - 2.5%		
Government of New Zealand		
1.500%, 05/15/2031	NZD 690,000	440,147
2.750%, 05/15/2051	2,000,000	1,334,319
Government of New Zealand, Inflation Linked Bond		
2.789%, 09/20/2040	1,390,000	1,387,537
2.818%, 09/20/2035	1,025,000	984,566
3.435%, 09/20/2030	1,280,000	1,226,911
		5,373,480
Nigeria - 0.1%		
Federal Republic of Nigeria		
7.625%, 11/28/2047	\$ 200,000	178,664
Norway - 2.2%		
Kingdom of Norway		
1.375%, 08/19/2030 (B)	NOK 20,150,000	2,227,822
1.750%, 09/06/2029 (B)	21,131,000	2,406,547
		4,634,369
Pakistan - 0.1%		
Republic of Pakistan		
8.875%, 04/08/2051	\$ 200,000	198,420
Panama - 0.6%		
Republic of Panama		
4.500%, 04/16/2050 to 04/01/2056	1,085,000	1,195,138

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Peru - 0.1%		
Republic of Peru		
6.950%, 08/12/2031	PEN 730,000	\$ 195,971
Poland - 0.4%		
Republic of Poland		
2.375%, 01/18/2036	EUR 175,000	236,700
2.500%, 07/25/2026	PLN 2,870,000	671,416
		908,116
Romania - 1.1%		
Republic of Romania		
2.625%, 12/02/2040 (B)	EUR 540,000	546,038
2.750%, 04/14/2041 (B)	170,000	172,516
2.875%, 04/13/2042 (B)	475,000	483,188
3.875%, 10/29/2035	520,000	639,690
4.625%, 04/03/2049	205,000	262,856
4.850%, 04/22/2026	RON 1,170,000	270,193
		2,374,481
Russia - 2.7%		
Government of Russia		
6.900%, 05/23/2029	RUB 240,040,000	2,957,602
7.050%, 01/19/2028	82,055,000	1,027,273
7.650%, 04/10/2030	84,090,000	1,080,791
8.150%, 02/03/2027	50,550,000	669,934
		5,735,600
Senegal - 0.3%		
Republic of Senegal		
5.375%, 06/08/2037	EUR 550,000	592,775
Serbia - 0.4%		
Republic of Serbia		
1.650%, 03/03/2033	535,000	565,587
2.050%, 09/23/2036 (B)	115,000	119,321
2.050%, 09/23/2036	230,000	239,139
		924,047
Slovenia - 0.3%		
Republic of Slovenia		
0.488%, 10/20/2050	340,000	337,845
3.125%, 08/07/2045	155,000	257,651
		595,496
South Africa - 0.4%		
Republic of South Africa		
7.000%, 02/28/2031	ZAR 14,340,000	755,560
South Korea - 7.5%		
Republic of Korea		
1.375%, 12/10/2029 to 06/10/2030	KRW 12,813,320,000	10,089,162
2.000%, 06/10/2031	2,516,740,000	2,067,166
Republic of Korea, Inflation Linked Bond		
1.125%, 06/10/2030	2,878,657,523	2,487,595
1.750%, 06/10/2028	1,495,818,646	1,345,767
		15,989,690
Sri Lanka - 0.0%		
Democratic Socialist Republic of Sri Lanka		
6.750%, 04/18/2028	\$ 200,000	100,392
Thailand - 0.4%		
Kingdom of Thailand		
2.875%, 12/17/2028	THB 25,060,000	806,865
Turkey - 0.0%		
Republic of Turkey		
8.000%, 03/12/2025	TRY 2,010,000	101,039

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

		Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)			
Ukraine - 0.1%			
Republic of Ukraine			
4.375%, 01/27/2030	EUR	175,000	\$ 159,928
Uruguay - 0.0%			
Republic of Uruguay			
8.500%, 03/15/2028	UYU	670,000	14,864
Uzbekistan - 0.1%			
Republic of Uzbekistan			
3.900%, 10/19/2031	\$	200,000	191,024
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$102,339,536)			\$ 93,437,544
CORPORATE BONDS - 19.2%			
Australia - 0.1%			
BHP Billiton Finance, Ltd.			
3.125%, 04/29/2033	EUR	200,000	275,208
Austria - 0.2%			
Klabin Austria GmbH			
3.200%, 01/12/2031	\$	200,000	185,252
7.000%, 04/03/2049 (B)		200,000	230,252
			415,504
Bermuda - 0.1%			
Arch Capital Group, Ltd.			
3.635%, 06/30/2050		110,000	117,676
Brazil - 0.3%			
Globo Comunicacao e Participacoes SA			
4.875%, 01/22/2030		200,000	194,252
Petrobras Global Finance BV			
6.850%, 06/05/2115		335,000	332,488
			526,740
Canada - 0.1%			
Canadian Pacific Railway Company			
3.000%, 12/02/2041		20,000	20,451
3.100%, 12/02/2051		20,000	20,566
goeasy, Ltd.			
4.375%, 05/01/2026 (B)		40,000	40,700
Nutrien, Ltd.			
2.950%, 05/13/2030		39,000	41,041
TransCanada Trust (5.500% to 9-15-29, then SOFR + 4.416% to 9-15-49, then SOFR + 5.166%)			
09/15/2079		20,000	21,350
			144,108
Cayman Islands - 0.1%			
CK Hutchison Europe Finance 18, Ltd.			
2.000%, 04/13/2030	EUR	100,000	123,208
Spirit Loyalty Cayman, Ltd.			
8.000%, 09/20/2025 (B)	\$	62,400	68,895
			192,103
Chile - 0.1%			
Empresa de los Ferrocarriles del Estado			
3.830%, 09/14/2061 (B)		245,000	234,588
China - 0.6%			
Alibaba Group Holding, Ltd.			
3.250%, 02/09/2061		200,000	184,077
4.400%, 12/06/2057		200,000	227,134
KWG Group Holdings, Ltd.			
6.000%, 08/14/2026		630,000	434,700
Tencent Holdings, Ltd.			
3.940%, 04/22/2061		200,000	211,525
Times China Holdings, Ltd.			
5.750%, 01/14/2027		200,000	135,500
Yuzhou Group Holdings Company, Ltd.			
6.350%, 01/13/2027		200,000	54,000

Opportunistic Fixed Income Trust (continued)

		Shares or Principal Amount	Value
CORPORATE BONDS (continued)			
China (continued)			
Yuzhou Group Holdings Company, Ltd. (continued)			
7.375%, 01/13/2026	\$	200,000	\$ 56,000
			1,302,936
Finland - 0.5%			
Nokia OYJ			
6.625%, 05/15/2039		725,000	1,003,219
France - 0.6%			
AXA SA			
8.600%, 12/15/2030		50,000	72,133
BNP Paribas SA (2.159% to 9-15-28, then SOFR + 1.218%)			
09/15/2029 (B)		200,000	196,067
BNP Paribas SA (7.195% to 6-25-37, then 3 month LIBOR + 1.290%)			
01/03/2022 (B)(D)		200,000	199,750
TotalEnergies Capital International SA			
1.618%, 05/18/2040	EUR	100,000	121,003
TotalEnergies SE (2.000% to 9-4-30, then 5 Year Euro Swap Rate + 2.404% to 9-4-50, then 5 Year Euro Swap Rate + 3.154%)			
06/04/2030 (D)		210,000	235,212
TotalEnergies SE (2.125% to 1-25-33, then 5 Year Euro Swap Rate + 2.513% to 1-25-53, then 5 Year Euro Swap Rate + 3.263%)			
07/25/2032 (D)		165,000	181,032
Valeo			
1.000%, 08/03/2028		200,000	221,505
			1,226,702
Germany - 0.2%			
Deutsche Bank AG (2.311% to 11-16-26, then SOFR + 1.219%)			
11/16/2027	\$	150,000	149,933
Muenchener Rueckversicherungs-Gesellschaft AG (1.250% to 5-26-31, then 3 month EURIBOR + 2.550%)			
05/26/2041	EUR	100,000	112,146
Vonovia SE			
1.500%, 06/14/2041		200,000	218,435
			480,514
Ireland - 0.1%			
Avolon Holdings Funding, Ltd.			
2.528%, 11/18/2027 (B)	\$	170,000	165,140
Endo DAC			
9.500%, 07/31/2027 (B)		72,000	73,290
			238,430
Italy - 0.1%			
Assicurazioni Generali SpA			
2.429%, 07/14/2031	EUR	245,000	295,131
Luxembourg - 0.3%			
Codere Finance 2 Luxembourg SA (2.000% Cash and 10.750% PIK)			
12.750%, 11/30/2027		136,004	150,970
Codere New HoldCo SA			
7.500%, 11/30/2027 (E)		170,761	184,691
Medtronic Global Holdings SCA			
1.750%, 07/02/2049		100,000	116,517
Prologis International Funding II SA			
0.750%, 03/23/2033		250,000	271,253
			723,431

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Macau - 0.1%		
Wynn Macau, Ltd. 5.625%, 08/26/2028	\$ 200,000	\$ 185,197
Mexico - 0.2%		
Comision Federal de Electricidad 5.750%, 02/14/2042	200,000	218,000
Unifin Financiera SAB de CV 8.375%, 01/27/2028	205,000	169,166
		387,166
Netherlands - 0.8%		
ABN AMRO Bank NV (3.324% to 3-13-32, then 5 Year CMT + 1.900%) 03/13/2037 (B)	200,000	199,831
Shell International Finance BV 0.875%, 11/08/2039	EUR 345,000	359,194
3.000%, 11/26/2051	\$ 180,000	182,891
Teva Pharmaceutical Finance Netherlands II BV 4.375%, 05/09/2030	EUR 750,012	841,231
		1,583,147
Norway - 0.2%		
DNB Bank ASA (1.605% to 3-30-27, then 1 Year CMT + 0.680%) 03/30/2028 (B)	\$ 200,000	195,157
Equinor ASA 1.625%, 11/09/2036	EUR 200,000	243,047
3.000%, 04/06/2027	\$ 47,000	49,578
		487,782
United Kingdom - 0.6%		
Anglo American Capital PLC 3.950%, 09/10/2050 (B)	200,000	212,178
AstraZeneca PLC 4.375%, 08/17/2048	26,000	33,554
BAT International Finance PLC 2.250%, 01/16/2030	EUR 100,000	118,385
2.250%, 09/09/2052	GBP 130,000	119,794
BP Capital Markets BV 0.933%, 12/04/2040	EUR 120,000	122,098
British Airways 2021-1 Class A Pass Through Trust 2.900%, 03/15/2035 (B)	\$ 200,000	199,466
Virgin Media Finance PLC 3.750%, 07/15/2030	EUR 100,000	113,580
Vmed O2 UK Financing I PLC 3.250%, 01/31/2031	100,000	112,762
Vodafone Group PLC 2.500%, 05/24/2039	100,000	128,075
Vodafone Group PLC (3.000% to 8-27-30, then 5 Year Euro Swap Rate + 3.477% to 8-27-50, then 5 Year Euro Swap Rate + 4.227%) 08/27/2080	155,000	177,791
		1,337,683
United States - 13.9%		
Acrisure LLC 6.000%, 08/01/2029 (B)	\$ 63,000	62,213
Activision Blizzard, Inc. 2.500%, 09/15/2050	140,000	122,610
Adams Homes, Inc. 7.500%, 02/15/2025 (B)	10,000	10,400
Alabama Power Company 3.450%, 10/01/2049	115,000	121,849
Alliant Holdings Intermediate LLC 6.750%, 10/15/2027 (B)	61,000	63,288

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
Alphabet, Inc. 2.250%, 08/15/2060	\$ 65,000	\$ 57,922
Altria Group, Inc. 3.125%, 06/15/2031	EUR 100,000	126,299
4.400%, 02/14/2026	\$ 26,000	28,639
Ameren Illinois Company 3.250%, 03/15/2050	60,000	63,779
American Airlines, Inc. 5.750%, 04/20/2029 (B)	75,000	80,154
American International Group, Inc. 3.875%, 01/15/2035	42,000	46,435
4.750%, 04/01/2048	95,000	121,001
Amgen, Inc. 3.000%, 01/15/2052	120,000	116,435
Anheuser-Busch Companies LLC 4.900%, 02/01/2046	17,000	21,487
Anheuser-Busch InBev Worldwide, Inc. 4.600%, 04/15/2048	22,000	26,902
Antero Midstream Partners LP 5.375%, 06/15/2029 (B)	62,000	65,411
5.750%, 03/01/2027 (B)	30,000	31,088
Antero Resources Corp. 5.375%, 03/01/2030 (B)	60,000	64,140
8.375%, 07/15/2026 (B)	36,000	40,989
Anthem, Inc. 2.250%, 05/15/2030	59,000	58,789
3.700%, 09/15/2049	15,000	16,691
Aon Corp. 2.900%, 08/23/2051	60,000	57,755
Aon PLC 3.875%, 12/15/2025	40,000	43,209
Apple, Inc. 1.200%, 02/08/2028	47,000	45,655
2.650%, 05/11/2050	22,000	21,629
APX Group, Inc. 5.750%, 07/15/2029 (B)	41,000	40,385
Aramark Services, Inc. 6.375%, 05/01/2025 (B)	170,000	177,650
Arches Buyer, Inc. 6.125%, 12/01/2028 (B)	140,000	140,874
Arizona Public Service Company 2.650%, 09/15/2050	135,000	121,738
3.350%, 05/15/2050	115,000	117,077
AT&T, Inc. 2.300%, 06/01/2027	32,000	32,555
3.500%, 06/01/2041 to 09/15/2053	72,000	73,055
Bank of America Corp. (2.087% to 6-14-28, then SOFR + 1.060%) 06/14/2029	44,000	43,691
Bank of America Corp. (2.676% to 6-19-40, then SOFR + 1.930%) 06/19/2041	60,000	57,754
Bank of America Corp. (3.093% to 10-1-24, then 3 month LIBOR + 1.090%) 10/01/2025	27,000	28,093
Bank of America Corp. (4.443% to 1-20-47, then 3 month LIBOR + 1.990%) 01/20/2048	27,000	33,551
BAT Capital Corp. 3.222%, 08/15/2024	47,000	48,849
4.390%, 08/15/2037	39,000	41,092
4.906%, 04/02/2030	46,000	51,634

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
Bausch Health Companies, Inc. 4.875%, 06/01/2028 (B)	\$ 62,000	\$ 63,240
5.250%, 01/30/2030 (B)	185,000	162,800
Baxter International, Inc. 2.272%, 12/01/2028 (B)	45,000	45,326
BCPE Ulysses Intermediate, Inc. (7.750% Cash or 8.500% PIK) 7.750%, 04/01/2027 (B)	59,000	58,263
Belo Corp. 7.250%, 09/15/2027	98,000	112,700
Berkshire Hathaway Energy Company 2.850%, 05/15/2051	26,000	25,023
Berkshire Hathaway Finance Corp. 4.200%, 08/15/2048	95,000	115,282
Black Knight InfoServ LLC 3.625%, 09/01/2028 (B)	675,000	674,116
Blue Racer Midstream LLC 7.625%, 12/15/2025 (B)	10,000	10,600
Bon Secours Mercy Health, Inc. 2.095%, 06/01/2031 3.205%, 06/01/2050	23,000 20,000	22,583 21,070
Boston Scientific Corp. 4.700%, 03/01/2049	110,000	139,323
Boyd Gaming Corp. 8.625%, 06/01/2025 (B)	73,000	78,221
BP Capital Markets America, Inc. 2.772%, 11/10/2050	32,000	30,144
Brandywine Operating Partnership LP 4.550%, 10/01/2029	22,000	24,525
Brighthouse Financial, Inc. 4.700%, 06/22/2047 5.625%, 05/15/2030	270,000 24,000	296,312 28,638
Bristol-Myers Squibb Company 4.250%, 10/26/2049	95,000	117,398
Brixmor Operating Partnership LP 3.900%, 03/15/2027	32,000	34,553
Broadcom Corp. 3.875%, 01/15/2027	74,000	80,238
Broadcom, Inc. 4.300%, 11/15/2032	170,000	191,042
Builders FirstSource, Inc. 5.000%, 03/01/2030 (B)	490,000	525,714
Caesars Entertainment, Inc. 8.125%, 07/01/2027 (B)	125,000	138,430
Carnival Corp. 6.000%, 05/01/2029 (B) 7.625%, 03/01/2026 (B)	120,000 120,000	119,400 125,790
Carrier Global Corp. 3.577%, 04/05/2050	134,000	142,472
CCO Holdings LLC 5.375%, 06/01/2029 (B)	108,000	116,547
CenterPoint Energy Houston Electric LLC 2.350%, 04/01/2031	47,000	47,712
Charter Communications Operating LLC 3.700%, 04/01/2051	170,000	164,354
Chubb INA Holdings, Inc. 2.850%, 12/15/2051 3.050%, 12/15/2061	115,000 120,000	115,354 122,425
Citigroup, Inc. 5.300%, 05/06/2044	12,000	15,658
Citigroup, Inc. (1.281% to 11-3-24, then SOFR + 0.528%) 11/03/2025	70,000	69,812

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
Citigroup, Inc. (3.106% to 4-8-25, then SOFR + 2.842%) 04/08/2026	\$ 69,000	\$ 72,335
Citigroup, Inc. (4.412% to 3-31-30, then SOFR + 3.914%) 03/31/2031	22,000	25,125
Comcast Corp. 1.250%, 02/20/2040	EUR 105,000	117,212
2.800%, 01/15/2051	\$ 132,000	127,169
3.750%, 04/01/2040	42,000	47,020
CommonSpirit Health 2.782%, 10/01/2030 3.817%, 10/01/2049	45,000 115,000	46,058 129,988
Commonwealth Edison Company 3.125%, 03/15/2051	25,000	25,918
Community Health Network, Inc. 3.099%, 05/01/2050	220,000	219,568
Community Health Systems, Inc. 4.750%, 02/15/2031 (B) 6.000%, 01/15/2029 (B)	25,000 50,000	25,219 53,313
Compass Group Diversified Holdings LLC 5.250%, 04/15/2029 (B)	75,000	78,563
Conagra Brands, Inc. 5.400%, 11/01/2048	27,000	36,362
Consolidated Communications, Inc. 6.500%, 10/01/2028 (B)	109,000	115,540
Consolidated Edison Company of New York, Inc. 3.200%, 12/01/2051 4.300%, 12/01/2056	65,000 95,000	65,135 112,884
Consumers Energy Company 3.500%, 08/01/2051 3.950%, 07/15/2047	58,000 35,000	64,960 41,051
Cox Communications, Inc. 2.950%, 10/01/2050 (B)	125,000	116,698
CP Atlas Buyer, Inc. 7.000%, 12/01/2028 (B)	30,000	29,850
CubeSmart LP 2.500%, 02/15/2032	45,000	44,801
Cummins, Inc. 2.600%, 09/01/2050	125,000	115,159
CVS Health Corp. 4.780%, 03/25/2038 5.050%, 03/25/2048	20,000 22,000	24,345 28,764
Danaher Corp. 2.800%, 12/10/2051	240,000	236,665
Dave & Buster's, Inc. 7.625%, 11/01/2025 (B)	40,000	42,650
Diamondback Energy, Inc. 4.750%, 05/31/2025	30,000	32,863
Discovery Communications LLC 5.000%, 09/20/2037	22,000	26,250
Dominion Energy South Carolina, Inc. 5.300%, 05/15/2033 6.625%, 02/01/2032	12,000 12,000	15,239 16,306
Duke Energy Carolinas LLC 3.950%, 03/15/2048	50,000	57,596
Duke Energy Corp. 3.300%, 06/15/2041	27,000	27,403
Ecolab, Inc. 2.700%, 12/15/2051	80,000	78,534
Embarq Corp. 7.995%, 06/01/2036	60,000	67,200

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
Energy Transfer LP		
4.200%, 04/15/2027	\$ 15,000	\$ 16,276
4.750%, 01/15/2026	22,000	24,065
5.000%, 05/15/2050	10,000	11,507
EnLink Midstream LLC		
5.375%, 06/01/2029	180,000	184,050
5.625%, 01/15/2028 (B)	114,000	118,560
Entergy Arkansas LLC		
2.650%, 06/15/2051	125,000	116,160
EPR Properties		
4.500%, 04/01/2025	45,000	47,914
Every Kansas Central, Inc.		
3.250%, 09/01/2049	55,000	57,029
Every Metro, Inc.		
3.650%, 08/15/2025	47,000	50,041
4.200%, 03/15/2048	10,000	11,911
Exelon Corp.		
4.050%, 04/15/2030	29,000	32,221
4.450%, 04/15/2046	5,000	5,972
Exxon Mobil Corp.		
1.408%, 06/26/2039	EUR 110,000	119,681
FirstCash, Inc.		
4.625%, 09/01/2028 (B)	\$ 616,000	615,633
5.625%, 01/01/2030 (B)	175,000	178,357
Flex Acquisition Company, Inc.		
7.875%, 07/15/2026 (B)	100,000	103,822
Flex, Ltd.		
4.875%, 05/12/2030	130,000	148,237
Freedom Mortgage Corp.		
7.625%, 05/01/2026 (B)	70,000	71,488
Frontier Communications Holdings LLC		
5.875%, 10/15/2027 (B)	75,000	79,313
6.000%, 01/15/2030 (B)	139,000	139,695
6.750%, 05/01/2029 (B)	160,000	166,400
General Electric Company		
6.750%, 03/15/2032	10,000	13,638
General Motors Financial Company, Inc.		
2.400%, 04/10/2028	47,000	47,194
4.350%, 01/17/2027	34,000	37,454
Genworth Holdings, Inc.		
4.800%, 02/15/2024	125,000	130,000
6.500%, 06/15/2034	65,000	67,410
Georgia Power Company		
3.250%, 03/15/2051	120,000	120,354
Gilead Sciences, Inc.		
2.800%, 10/01/2050	37,000	35,869
Global Payments, Inc.		
4.150%, 08/15/2049	120,000	136,880
Gray Oak Pipeline LLC		
2.600%, 10/15/2025 (B)	48,000	48,055
3.450%, 10/15/2027 (B)	285,000	297,501
Great Lakes Dredge & Dock Corp.		
5.250%, 06/01/2029 (B)	312,000	321,360
GTCR AP Finance, Inc.		
8.000%, 05/15/2027 (B)	50,000	51,875
GYP Holdings III Corp.		
4.625%, 05/01/2029 (B)	90,000	90,225
Hawaiian Brand Intellectual Property, Ltd.		
5.750%, 01/20/2026 (B)	119,171	124,683
Hess Corp.		
5.800%, 04/01/2047	22,000	28,106
Hightower Holding LLC		
6.750%, 04/15/2029 (B)	120,000	123,000

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
Home Point Capital, Inc.		
5.000%, 02/01/2026 (B)	\$ 588,000	\$ 545,370
HUB International, Ltd.		
5.625%, 12/01/2029 (B)	85,000	87,569
7.000%, 05/01/2026 (B)	84,000	86,310
Huntsman International LLC		
4.500%, 05/01/2029	22,000	24,318
IBM Corp.		
2.950%, 05/15/2050	200,000	195,317
Intercontinental Exchange, Inc.		
2.650%, 09/15/2040	36,000	34,765
4.250%, 09/21/2048	105,000	128,338
International Flavors & Fragrances, Inc.		
2.300%, 11/01/2030 (B)	39,000	38,242
Interstate Power & Light Company		
3.100%, 11/30/2051	240,000	238,418
JPMorgan Chase & Co.		
5.500%, 10/15/2040	27,000	36,728
JPMorgan Chase & Co. (3.109% to 4-22-50, then SOFR + 2.440%) 04/22/2051	15,000	15,498
JPMorgan Chase & Co. (3.882% to 7-24-37, then 3 month LIBOR + 1.360%) 07/24/2038	27,000	30,645
Kentucky Utilities Company		
3.300%, 06/01/2050	115,000	120,562
Keurig Dr. Pepper, Inc.		
3.800%, 05/01/2050	105,000	116,264
Kyndryl Holdings, Inc.		
3.150%, 10/15/2031 (B)	110,000	106,701
4.100%, 10/15/2041 (B)	60,000	58,085
Ladder Capital Finance Holdings LLLP		
4.250%, 02/01/2027 (B)	51,000	51,333
5.250%, 10/01/2025 (B)	130,000	131,300
LBM Acquisition LLC		
6.250%, 01/15/2029 (B)	74,000	73,168
LD Holdings Group LLC		
6.125%, 04/01/2028 (B)	163,000	153,628
6.500%, 11/01/2025 (B)	140,000	138,131
Lear Corp.		
3.800%, 09/15/2027	7,000	7,630
Lennar Corp.		
4.750%, 11/29/2027	155,000	175,410
LFS Topco LLC		
5.875%, 10/15/2026 (B)	50,000	51,625
LGI Homes, Inc.		
4.000%, 07/15/2029 (B)	126,000	125,528
Liberty Mutual Group, Inc.		
4.300%, 02/01/2061 (B)	235,000	220,900
Lockheed Martin Corp.		
4.090%, 09/15/2052	95,000	117,374
M/I Homes, Inc.		
3.950%, 02/15/2030	128,000	126,080
MajorDrive Holdings IV LLC		
6.375%, 06/01/2029 (B)	45,000	43,538
Marsh & McLennan Companies, Inc.		
4.900%, 03/15/2049	45,000	60,484
Matador Resources Company		
5.875%, 09/15/2026	147,000	151,410
Merck & Company, Inc.		
2.900%, 12/10/2061	110,000	109,428
Microsoft Corp.		
2.525%, 06/01/2050	60,000	58,511
3.450%, 08/08/2036	27,000	31,078

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
MidAmerican Energy Company 3.150%, 04/15/2050	\$ 24,000	\$ 25,120
Midcap Financial Issuer Trust 6.500%, 05/01/2028 (B)	60,000	62,550
Molson Coors Beverage Company 4.200%, 07/15/2046	42,000	46,555
Moody's Corp. 3.100%, 11/29/2061	120,000	118,962
Morgan Stanley 3.950%, 04/23/2027	12,000	13,211
Morgan Stanley (0.790% to 5-30-24, then SOFR + 0.525%) 05/30/2025	22,000	21,712
Morgan Stanley (3.622% to 4-1-30, then SOFR + 3.120%) 04/01/2031	42,000	45,767
Mozart Debt Merger Sub, Inc. 5.250%, 10/01/2029 (B)	45,000	45,614
MSCI, Inc. 3.875%, 02/15/2031 (B)	170,000	177,013
Nabors Industries, Inc. 7.375%, 05/15/2027 (B)	40,000	41,408
Nationstar Mortgage Holdings, Inc. 5.750%, 11/15/2031 (B)	185,000	184,075
Nordstrom, Inc. 2.300%, 04/08/2024	35,000	35,000
4.250%, 08/01/2031	20,000	19,650
Northern States Power Company 2.600%, 06/01/2051	27,000	25,757
Novelis Corp. 4.750%, 01/30/2030 (B)	110,000	115,638
Occidental Petroleum Corp. 3.000%, 02/15/2027	70,000	71,050
4.400%, 08/15/2049	75,000	75,938
6.450%, 09/15/2036	85,000	108,375
Oncor Electric Delivery Company LLC 2.750%, 05/15/2030	52,000	54,019
OneMain Finance Corp. 6.625%, 01/15/2028	50,000	56,000
Oracle Corp. 3.600%, 04/01/2050	27,000	26,437
4.100%, 03/25/2061	195,000	203,232
OT Merger Corp. 7.875%, 10/15/2029 (B)	130,000	127,888
Pacific Gas & Electric Company 4.950%, 07/01/2050	33,000	35,939
PacifiCorp 3.300%, 03/15/2051	110,000	113,993
Par Pharmaceutical, Inc. 7.500%, 04/01/2027 (B)	36,000	36,789
PayPal Holdings, Inc. 3.250%, 06/01/2050	55,000	58,910
PDC Energy, Inc. 5.750%, 05/15/2026	460,000	475,359
PennyMac Financial Services, Inc. 4.250%, 02/15/2029 (B)	430,000	413,402
Penske Truck Leasing Company LP 4.250%, 01/17/2023 (B)	37,000	38,250
Philip Morris International, Inc. 1.450%, 08/01/2039	EUR 390,000	409,620
Piedmont Natural Gas Company, Inc. 3.350%, 06/01/2050	\$ 115,000	117,903
Plains All American Pipeline LP 3.800%, 09/15/2030	59,000	61,610

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
Post Holdings, Inc. 4.625%, 04/15/2030 (B)	\$ 170,000	\$ 173,145
5.625%, 01/15/2028 (B)	112,000	118,691
Presidio Holdings, Inc. 8.250%, 02/01/2028 (B)	275,000	292,875
Prologis Euro Finance LLC 1.000%, 02/16/2041	EUR 195,000	202,908
Public Service Electric & Gas Company 2.050%, 08/01/2050	\$ 70,000	59,160
Range Resources Corp. 8.250%, 01/15/2029	5,000	5,575
Raytheon Technologies Corp. 2.820%, 09/01/2051	120,000	115,863
Reynolds American, Inc. 4.850%, 09/15/2023	22,000	23,354
5.850%, 08/15/2045	580,000	704,724
Royal Caribbean Cruises, Ltd. 5.500%, 08/31/2026 (B)	105,000	106,764
Royalty Pharma PLC 3.300%, 09/02/2040	36,000	35,896
3.350%, 09/02/2051	60,000	57,392
salesforce.com, Inc. 2.700%, 07/15/2041	32,000	31,959
San Diego Gas & Electric Company 3.320%, 04/15/2050	22,000	23,152
Santander Holdings USA, Inc. 3.450%, 06/02/2025	37,000	38,818
Scripps Escrow II, Inc. 5.375%, 01/15/2031 (B)	65,000	66,056
Signal Parent, Inc. 6.125%, 04/01/2029 (B)	262,000	232,525
Silgan Holdings, Inc. 2.250%, 06/01/2028	EUR 160,000	180,420
SM Energy Company 6.500%, 07/15/2028	\$ 93,000	96,255
Specialty Building Products Holdings LLC 6.375%, 09/30/2026 (B)	75,000	78,605
Spirit AeroSystems, Inc. 5.500%, 01/15/2025 (B)	25,000	25,906
SRM Escrow Issuer LLC 6.000%, 11/01/2028 (B)	120,000	128,106
SRS Distribution, Inc. 6.000%, 12/01/2029 (B)	126,000	126,630
6.125%, 07/01/2029 (B)	75,000	76,434
Staples, Inc. 10.750%, 04/15/2027 (B)	95,000	89,538
STL Holding Company LLC 7.500%, 02/15/2026 (B)	100,000	105,500
Sutter Health 4.091%, 08/15/2048	105,000	123,397
Sysco Corp. 6.600%, 04/01/2040	140,000	202,801
Targa Resources Partners LP 5.375%, 02/01/2027	55,000	56,681
Teledyne Technologies, Inc. 2.750%, 04/01/2031	47,000	47,662
Terex Corp. 5.000%, 05/15/2029 (B)	188,000	193,170
The Boeing Company 5.805%, 05/01/2050	27,000	36,561
The Brooklyn Union Gas Company 4.273%, 03/15/2048 (B)	105,000	120,008

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
The Charles Schwab Corp. (4.000% to 6-1-26, then 5 Year CMT + 3.168%) 06/01/2026 (D)	\$ 120,000	\$ 122,400
The Dun & Bradstreet Corp. 5.000%, 12/15/2029 (B)	80,000	81,842
The Gap, Inc. 3.625%, 10/01/2029 (B)	183,000	181,005
3.875%, 10/01/2031 (B)	302,000	297,848
The Hartford Financial Services Group, Inc. 3.600%, 08/19/2049	55,000	60,200
The Hertz Corp. 5.000%, 12/01/2029 (B)	100,000	100,086
The Home Depot, Inc. 2.375%, 03/15/2051	37,000	33,989
3.350%, 04/15/2050	105,000	114,509
The Michaels Companies, Inc. 7.875%, 05/01/2029 (B)	119,000	117,215
The Sherwin-Williams Company 4.550%, 08/01/2045	30,000	36,495
The Southern Company 3.700%, 04/30/2030	15,000	16,314
The Toledo Hospital 5.750%, 11/15/2038	100,000	116,692
The Travelers Companies, Inc. 3.050%, 06/08/2051	110,000	114,916
The William Carter Company 5.625%, 03/15/2027 (B)	393,000	406,264
The Williams Companies, Inc. 3.500%, 11/15/2030	44,000	46,768
Thermo Fisher Scientific, Inc. 1.875%, 10/01/2049	EUR 460,000	535,678
T-Mobile USA, Inc. 3.600%, 11/15/2060 (B)	\$ 180,000	178,294
3.750%, 04/15/2027	32,000	34,653
4.500%, 04/15/2050	21,000	24,578
TopBuild Corp. 3.625%, 03/15/2029 (B)	90,000	90,675
TransDigm, Inc. 6.250%, 03/15/2026 (B)	170,000	176,694
United Natural Foods, Inc. 6.750%, 10/15/2028 (B)	113,000	121,000
United States Steel Corp. 6.875%, 03/01/2029	195,000	209,869
United Wholesale Mortgage LLC 5.500%, 11/15/2025 to 04/15/2029 (B)	533,000	527,244
5.750%, 06/15/2027 (B)	95,000	95,238
UnitedHealth Group, Inc. 3.750%, 10/15/2047	27,000	30,992
Unum Group 4.000%, 03/15/2024	36,000	38,007
Valero Energy Corp. 3.650%, 12/01/2051	120,000	119,230
Verizon Communications, Inc. 1.500%, 09/19/2039	EUR 105,000	118,795
2.100%, 03/22/2028	\$ 37,000	37,070
3.400%, 03/22/2041	22,000	23,033
4.000%, 03/22/2050	10,000	11,482
4.016%, 12/03/2029	69,000	77,356
ViacomCBS, Inc. 5.250%, 04/01/2044	22,000	27,542
Victors Merger Corp. 6.375%, 05/15/2029 (B)	275,000	258,500
Viper Energy Partners LP 5.375%, 11/01/2027 (B)	640,000	660,800

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
United States (continued)		
Virginia Electric and Power Company 2.450%, 12/15/2050	\$ 35,000	\$ 32,243
Wabtec Corp. 3.200%, 06/15/2025	80,000	83,259
Xcel Energy, Inc. 3.400%, 06/01/2030	29,000	31,117
Zoetis, Inc. 3.000%, 05/15/2050	27,000	28,070
		29,440,436
TOTAL CORPORATE BONDS (Cost \$40,315,354)		\$ 40,597,701
CONVERTIBLE BONDS - 3.4%		
Canada - 0.2%		
IMAX Corp., 0.500%, 04/01/2026 (B)	340,000	326,973
China - 0.3%		
NIO, Inc., 0.500%, 02/01/2027 (B)	485,000	409,825
Smart Insight International, Ltd., 4.500%, 12/05/2023	HKD 2,000,000	255,465
		665,290
France - 0.2%		
Worldline SA, Zero Coupon, 0.000%, 07/30/2026	EUR 349,086	397,819
Israel - 0.0%		
SolarEdge Technologies, Inc., Zero Coupon, 0.000%, 09/15/2025	\$ 20,000	25,350
Italy - 0.1%		
Nexi SpA, 1.750%, 04/24/2027	EUR 100,000	126,907
Luxembourg - 0.2%		
Arrival SA, 3.500%, 12/01/2026 (B)	\$ 515,000	471,895
Singapore - 0.2%		
Maxeon Solar Technologies, Ltd., 6.500%, 07/15/2025	80,000	87,000
Sea, Ltd., 0.250%, 09/15/2026	470,000	432,118
		519,118
United Kingdom - 0.2%		
Endeavour Mining Corp., 3.000%, 02/15/2023 (B)	400,000	450,000
United States - 2.0%		
Airbnb, Inc., 0.511%, 03/15/2026 (B)(F)	40,000	39,140
Apellis Pharmaceuticals, Inc., 3.500%, 09/15/2026	60,000	90,713
Bandwidth, Inc., 0.250%, 03/01/2026	25,000	26,450
Bandwidth, Inc., 0.500%, 04/01/2028 (B)	90,000	70,065
Beyond Meat, Inc., 7.193%, 03/15/2027 (B)(F)	130,000	90,103
Block, Inc., 0.125%, 03/01/2025	15,000	22,256
Bloomin' Brands, Inc., 5.000%, 05/01/2025	8,000	15,515
Chegg, Inc., 4.079%, 09/01/2026 (F)	110,000	91,025
Cracker Barrel Old Country Store, Inc., 0.625%, 06/15/2026 (B)	320,000	306,600
DraftKings, Inc., 4.610%, 03/15/2028 (B)(F)	125,000	94,125
Etsy, Inc., 0.125%, 10/01/2026	12,000	30,576
Everbridge, Inc., 4.050%, 03/15/2026 (B)(F)	105,000	88,650
Exact Sciences Corp., 0.375%, 03/01/2028	95,000	91,732
FTI Consulting, Inc., 2.000%, 08/15/2023	25,000	38,700
Haemonetics Corp., 4.327%, 03/01/2026 (B)(F)	110,000	91,974
Itron, Inc., 2.289%, 03/15/2026 (B)(F)	95,000	86,260

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
CONVERTIBLE BONDS (continued)		
United States (continued)		
JetBlue Airways Corp., 0.500%, 04/01/2026 (B)	\$ 435,000	\$ 405,515
John Bean Technologies Corp., 0.250%, 05/15/2026 (B)	40,000	43,960
NuVasive, Inc., 0.375%, 03/15/2025	170,000	162,988
Pebblebrook Hotel Trust, 1.750%, 12/15/2026	324,000	356,773
Pegasystems, Inc., 0.750%, 03/01/2025	80,000	84,504
Penn National Gaming, Inc., 2.750%, 05/15/2026	8,000	18,960
Pioneer Natural Resources Company, 0.250%, 05/15/2025	65,000	115,822
Redfin Corp., 0.500%, 04/01/2027 (B)	100,000	81,110
Repay Holdings Corp., 3.576%, 02/01/2026 (B)(F)	475,000	410,590
Revance Therapeutics, Inc., 1.750%, 02/15/2027	100,000	87,563
RingCentral, Inc., 2.894%, 03/15/2026 (F)	95,000	84,120
Royal Caribbean Cruises, Ltd., 4.250%, 06/15/2023	130,000	165,425
Shake Shack, Inc., 3.073%, 03/01/2028 (B)(F)	110,000	91,025
Shift4 Payments, Inc., 0.500%, 08/01/2027 (B)	475,000	417,098
Southwest Airlines Company, 1.250%, 05/01/2025	17,000	22,661
Splunk, Inc., 1.125%, 06/15/2027	35,000	32,638
Spotify USA, Inc., 2.385%, 03/15/2026 (B)(F)	90,000	81,396
The Middleby Corp., 1.000%, 09/01/2025	101,000	161,411
Twitter, Inc., 2.620%, 03/15/2026 (B)(F)	100,000	89,560
Uber Technologies, Inc., 0.466%, 12/15/2025 (F)	50,000	49,075
Workday, Inc., 0.250%, 10/01/2022	40,000	74,400
		4,310,478
TOTAL CONVERTIBLE BONDS (Cost \$7,335,077)		\$ 7,293,830
MUNICIPAL BONDS - 3.3%		
United States - 3.3%		
Chicago Transit Authority (Illinois) 3.912%, 12/01/2040	60,000	66,631
Chicago Transit Authority (Illinois) 3.502%, 12/01/2033	435,000	475,236
Chicago Transit Authority, Series A (Illinois) 6.899%, 12/01/2040	55,000	77,463
City & County of Denver Company Airport System Revenue (Colorado) 2.717%, 11/15/2034	105,000	108,375
City & County of Denver Company Airport System Revenue (Colorado) 2.867%, 11/15/2037	75,000	76,386
City of Austin Airport System Revenue (Texas) 5.000%, 11/15/2032	100,000	126,237
City of Austin Airport System Revenue (Texas) 5.000%, 11/15/2044	240,000	296,860
City of Houston Airport System Revenue (Texas) 2.385%, 07/01/2031	240,000	240,105
City of Tampa (Florida) 2.802%, 09/01/2036 (F)	100,000	66,275

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
MUNICIPAL BONDS (continued)		
United States (continued)		
Commonwealth of Massachusetts, GO 2.514%, 07/01/2041	\$ 625,000	\$ 615,708
County of Broward Port Facilities Revenue (Florida) 5.000%, 09/01/2033	70,000	88,854
County of Broward Port Facilities Revenue (Florida) 5.000%, 09/01/2029	100,000	128,809
County of Broward Port Facilities Revenue (Florida) 5.000%, 09/01/2028	150,000	188,518
County of Miami-Dade Aviation Revenue (Florida) 2.786%, 10/01/2037	200,000	195,759
County of Miami-Dade Aviation Revenue (Florida) 4.000%, 10/01/2036	115,000	137,059
County of Miami-Dade Aviation Revenue (Florida) 3.270%, 10/01/2041	50,000	51,377
Dallas Fort Worth International Airport (Texas) 3.089%, 11/01/2040	130,000	133,236
District of Columbia 3.432%, 04/01/2042	405,000	422,690
Grand Parkway Transportation Corp. (Texas) 3.236%, 10/01/2052	190,000	192,240
Greater Orlando Aviation Authority (Florida) 5.000%, 10/01/2028	50,000	58,069
Greater Orlando Aviation Authority (Florida) 5.000%, 10/01/2028	100,000	115,174
Iowa Finance Authority 3.250%, 07/01/2050	50,000	54,059
Metropolitan Transportation Authority (New York) 5.000%, 11/15/2050	110,000	133,503
Metropolitan Transportation Authority (New York) 6.668%, 11/15/2039	15,000	21,305
Metropolitan Transportation Authority (New York) 5.000%, 11/15/2029	100,000	126,129
New Jersey Transportation Trust Fund Authority 4.000%, 06/15/2045	50,000	57,394
New York City Transitional Finance Authority 4.000%, 05/01/2045	75,000	88,322
Orange County Convention Center (Florida) 5.000%, 10/01/2031	55,000	63,383
Port Authority of New York & New Jersey 4.000%, 03/15/2030	230,000	270,253
Port Authority of New York & New Jersey 5.000%, 09/15/2033	140,000	170,231
Port Authority of New York & New Jersey 4.823%, 06/01/2045	140,000	153,953

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
MUNICIPAL BONDS (continued)		
United States (continued)		
Port Authority of New York & New Jersey 1.086%, 07/01/2023	\$ 25,000	\$ 25,133
Port of Seattle (Washington) 5.000%, 04/01/2039	190,000	234,077
Port of Seattle (Washington) 5.000%, 10/01/2031	100,000	116,600
Sales Tax Securitization Corp. (Illinois) 3.238%, 01/01/2042	25,000	25,128
San Diego County Regional Transportation Commission (California) 3.248%, 04/01/2048	75,000	76,308
San Francisco City & County Airport Commission (California) 5.000%, 05/01/2050	325,000	397,626
San Francisco City & County Airport Commission (California) 4.000%, 05/01/2039	160,000	187,302
San Francisco City & County Airport Commission (California) 2.958%, 05/01/2051	155,000	155,453
State of Hawaii Airports System Revenue 4.000%, 07/01/2035	100,000	117,958
State of Hawaii Airports System Revenue 5.000%, 07/01/2034	295,000	374,727
Triborough Bridge & Tunnel Authority (New York) 5.000%, 11/15/2054	140,000	177,343
University of California 1.316%, 05/15/2027	45,000	44,187
Wisconsin Center District 4.173%, 12/15/2050	65,000	70,600
TOTAL MUNICIPAL BONDS (Cost \$6,752,553)		\$ 7,002,035
TERM LOANS (G) - 9.1%		
Canada - 0.0%		
Xplornet Communication, Inc., 2021 Term Loan (1 month LIBOR + 4.000%), 4.500%, 10/02/2028	99,750	99,543
France - 0.1%		
CAB SELAS, 2021 EUR Term Loan B (6 month EURIBOR + 3.500%), 3.500%, 01/28/2028	EUR 140,000	157,887
Germany - 0.0%		
Birkenstock US BidCo, Inc., USD Term Loan B (6 month LIBOR + 3.250%), 3.750%, 04/28/2028	\$ 99,500	99,127
Ireland - 0.1%		
Setanta Aircraft Leasing DAC, Term Loan B (3 month LIBOR + 2.000%), 2.140%, 11/05/2028	100,000	99,875
Israel - 0.0%		
Playtika Holding Corp., 2021 Term Loan (1 month LIBOR + 2.750%), 2.854%, 03/13/2028	99,250	98,712
Luxembourg - 0.2%		
Delta 2 Lux Sarl, 2018 USD Term Loan (1 month LIBOR + 2.500%), 3.500%, 02/01/2024	200,000	199,666

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
Luxembourg (continued)		
Jazz Financing Lux Sarl, USD Term Loan (1 month LIBOR + 3.500%), 4.000%, 05/05/2028	\$ 104,475	\$ 104,808
Sunshine Luxembourg VII Sarl, 2021 Term Loan B3 (3 month LIBOR + 3.750%), 4.500%, 10/01/2026	99,000	99,310
		403,784
Netherlands - 0.3%		
Boels Topholding BV, 2021 EUR Term Loan B (3 month EURIBOR + 3.250%), 3.250%, 02/06/2027	EUR 155,000	175,772
Diamond BC BV, 2021 Term Loan B (3 month LIBOR + 3.000%), 3.500%, 09/29/2028	\$ 225,000	223,945
Telenet Financing USD LLC, 2020 USD Term Loan AR (3 month LIBOR + 2.000%), 2.110%, 04/30/2028	200,000	196,250
		595,967
Sweden - 0.2%		
Verisure Holding AB, 2020 EUR Term Loan B (3 month EURIBOR + 3.250%), 3.250%, 07/20/2026	EUR 155,000	175,255
Verisure Holding AB, 2021 EUR Term Loan (6 month EURIBOR + 3.250%), 3.250%, 03/27/2028	185,000	209,066
		384,321
United Kingdom - 0.1%		
Lorca Finco PLC, EUR New Money Term Loan B2 (6 month EURIBOR + 4.250%), 4.250%, 09/17/2027	180,000	204,930
United States - 8.1%		
AAdvantage Loyalty IP, Ltd., 2021 Term Loan (3 month LIBOR + 4.750%), 5.500%, 04/20/2028	\$ 100,000	103,446
ABG Intermediate Holdings 2 LLC, 2021 Delayed Draw Term Loan B, TBD 12/08/2028 (H)	98,955	98,460
ABG Intermediate Holdings 2 LLC, 2021 Delayed Draw Term Loan B3, TBD 12/08/2028 (H)	15,522	15,445
ABG Intermediate Holdings 2 LLC, 2021 Term Loan B1, TBD 12/21/2028 (H)	15,522	15,445
Acrisure LLC, 2020 Term Loan B (3 month LIBOR + 3.500%), 3.724%, 02/15/2027	245,625	242,555
Adient U.S. LLC, 2021 Term Loan B (1 month LIBOR + 3.500%), 3.604%, 04/08/2028	99,500	99,397
ADMI Corp., 2021 Incremental Term Loan B3 (1 month LIBOR + 3.500%), 4.000%, 12/23/2027	99,750	99,485
ADMI Corp., 2021 Term Loan B2 (1 month LIBOR + 3.375%), 3.875%, 12/23/2027	99,250	98,547
AlixPartners LLP, 2021 USD Term Loan B (1 month LIBOR + 2.750%), 3.250%, 02/04/2028	158,800	158,063
Alliance Laundry Systems LLC, Term Loan B (3 month LIBOR + 3.500%), 4.250%, 10/08/2027	122,411	122,353

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
United States (continued)		
Amentum Government Services Holdings LLC, Term Loan B (1 month LIBOR + 3.500%), 3.602%, 01/29/2027	\$ 98,500	\$ 96,838
APX Group, Inc., 2021 Term Loan B (Prime rate + 2.500% and 1 month LIBOR + 3.500%), 4.005%, 07/10/2028	100,000	99,722
Aramark Services, Inc., 2018 Term Loan B3 (1 month LIBOR + 1.750%), 1.851%, 03/11/2025	125,000	123,320
Aretec Group, Inc., 2018 Term Loan (1 month LIBOR + 4.250%), 4.354%, 10/01/2025	195,960	195,877
Artera Services LLC, Incremental Term Loan (3 month LIBOR + 3.500%), 4.500%, 03/06/2025	99,500	96,142
Asurion LLC, 2020 Term Loan B8 (1 month LIBOR + 3.250%), 3.354%, 12/23/2026	147,084	145,981
Asurion LLC, 2021 2nd Lien Term Loan B3 (1 month LIBOR + 5.250%), 5.354%, 01/31/2028	145,000	145,363
Avantor Funding, Inc., 2021 Term Loan B5 (1 month LIBOR + 2.250%), 2.750%, 11/08/2027	178,652	178,429
Bausch Health Americas, Inc., 2018 Term Loan B (1 month LIBOR + 3.000%), 3.104%, 06/02/2025	93,656	93,164
Beacon Roofing Supply, Inc., 2021 Term Loan B (1 month LIBOR + 2.250%), 2.352%, 05/19/2028	196,954	195,673
Belron Finance US LLC, 2019 USD Term Loan B3 (3 month LIBOR + 2.250%), 2.438%, 10/30/2026	196,491	194,935
Berlin Packaging LLC, 2021 First Lien Term Loan B (3 month LIBOR + 3.750%), 4.250%, 03/11/2028	169,575	169,236
Blackhawk Network Holdings, Inc., 2018 1st Lien Term Loan (1 month LIBOR + 3.000%), 3.104%, 06/15/2025	172,762	171,466
Boyd Gaming Corp., Term Loan B3 (1 month LIBOR + 2.250%), 2.354%, 09/15/2023	194,266	194,023
Brightview Landscapes LLC, 2018 1st Lien Term Loan B (1 month LIBOR + 2.500%), 2.625%, 08/15/2025	98,219	97,646
Brown Group Holding LLC, Term Loan B (3 month LIBOR + 2.500%), 3.000%, 06/07/2028	174,532	174,095
Caesars Resort Collection LLC, 2020 Term Loan B1 (1 month LIBOR + 3.500%), 3.604%, 07/21/2025	167,875	167,833
Carnival Corp., 2021 Incremental Term Loan B (6 month LIBOR + 3.250%), 4.000%, 10/18/2028	165,000	163,350
CCC Intelligent Solutions, Inc., Term Loan B (3 month LIBOR + 2.500%), 3.000%, 09/21/2028	100,000	99,844
Change Healthcare Holdings LLC, 2017 Term Loan B (1 month LIBOR + 2.500%), 3.500%, 03/01/2024	175,161	174,962
Chariot Buyer LLC, Term Loan B (1 month LIBOR + 3.500%), 4.000%, 11/03/2028	125,000	124,844

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
United States (continued)		
Charter Communications Operating LLC, 2019 Term Loan B2 (1 month LIBOR + 1.750%), 1.850%, 02/01/2027	\$ 147,362	\$ 145,865
Clarios Global LP, 2021 USD Term Loan B (1 month LIBOR + 3.250%), 3.354%, 04/30/2026	169,891	168,744
Core & Main LP, 2021 Term Loan B (1 month LIBOR + 2.500%), 2.602%, 07/27/2028	246,186	244,443
Dcert Buyer, Inc., 2019 Term Loan B (1 month LIBOR + 4.000%), 4.104%, 10/16/2026	196,500	195,987
Deerfield Dakota Holding LLC, 2020 EUR Term Loan B (1 month EURIBOR + 4.000%), 4.000%, 04/09/2027	EUR 295,500	336,568
Deerfield Dakota Holding LLC, 2020 USD Term Loan B (1 month LIBOR + 3.750%), 4.750%, 04/09/2027	\$ 694,421	694,747
DT Midstream, Inc., Term Loan B (3 and 6 month LIBOR + 2.000%), 2.500%, 06/26/2028	129,350	129,532
E2open LLC, 2020 Term Loan B (3 month LIBOR + 3.500%), 4.000%, 02/04/2028	114,712	114,712
EG America LLC, 2021 Term Loan (3 month LIBOR + 4.250%), 4.750%, 03/31/2026	99,504	100,125
Elanco Animal Health, Inc., Term Loan B (3 month LIBOR + 1.750%), 1.849%, 08/01/2027	289,020	284,956
Element Solutions, Inc., 2019 Term Loan B1 (1 month LIBOR + 2.000%), 2.104%, 01/31/2026	196,482	195,571
Endurance International Group Holdings, Inc., Term Loan (3 month LIBOR + 3.500%), 4.250%, 02/10/2028	99,500	98,568
Ensemble RCM LLC, Term Loan (3 month LIBOR + 3.750%), 3.879%, 08/03/2026	98,987	98,822
EP Purchaser LLC, 2021 Term Loan B (3 month LIBOR + 3.500%), 4.000%, 11/06/2028	100,000	99,975
Epicor Software Corp., 2020 Term Loan (1 month LIBOR + 3.250%), 4.000%, 07/30/2027	134,377	134,191
First Student Bidco, Inc., Term Loan B (3 month LIBOR + 3.000%), 3.500%, 07/21/2028	83,995	83,610
First Student Bidco, Inc., Term Loan C (3 month LIBOR + 3.000%), 4.000%, 07/21/2028	31,005	30,863
Flex Acquisition Company, Inc., 2021 Term Loan (3 month LIBOR + 3.500%), 4.000%, 03/02/2028	99,126	98,858
Frontier Communications Holdings LLC, 2021 DIP Term Loan B (3 month LIBOR + 3.750%), 4.500%, 05/01/2028	99,250	99,052
Gainwell Acquisition Corp., Term Loan B (3 month LIBOR + 4.000%), 4.750%, 10/01/2027	113,664	113,834

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
United States (continued)		
Go Daddy Operating Company LLC, 2021 Term Loan B4 (1 month LIBOR + 2.000%), 2.104%, 08/10/2027	\$ 132,975	\$ 131,790
Great Outdoors Group LLC, 2021 Term Loan B1 (3 month LIBOR + 3.750%), 4.500%, 03/06/2028	277,205	277,263
Harbor Freight Tools USA, Inc., 2021 Term Loan B (1 month LIBOR + 2.750%), 3.250%, 10/19/2027	131,659	131,266
Hayward Industries, Inc., 2021 Term Loan (1 month LIBOR + 2.500%), 3.000%, 05/12/2028	124,375	123,727
Heartland Dental LLC, 2021 Incremental Term Loan (1 month LIBOR + 4.000%), 4.104%, 04/30/2025	119,400	119,102
Horizon Therapeutics USA, Inc., 2021 Term Loan B2 (1 month LIBOR + 1.750%), 2.250%, 03/15/2028	114,138	113,648
HUB International, Ltd., 2018 Term Loan B (3 month LIBOR + 2.750%), 2.875%, 04/25/2025	244,924	241,919
HUB International, Ltd., 2021 Term Loan B (3 month LIBOR + 3.250%), 4.000%, 04/25/2025	322,050	321,748
Hyland Software, Inc., 2018 1st Lien Term Loan (1 month LIBOR + 3.500%), 4.250%, 07/01/2024	162,895	163,384
IRB Holding Corp., 2020 4th Amendment Incremental Term Loan (3 month LIBOR + 3.250%), 4.250%, 12/15/2027	99,000	98,907
LBM Acquisition LLC, Term Loan B (1 month LIBOR + 3.750%), 4.500%, 12/17/2027	204,654	202,640
MajorDrive Holdings IV LLC, Term Loan B (3 month LIBOR + 4.000%), 4.500%, 05/12/2028	99,500	99,376
MH Sub I LLC, 2020 Incremental Term Loan (1 month LIBOR + 3.750%), 4.750%, 09/13/2024	99,747	99,851
Mitchell International, Inc., 2021 Term Loan B (3 month LIBOR + 3.750%), 4.250%, 10/15/2028	170,000	168,849
Mozart Borrower LP, USD Term Loan B (1 month LIBOR + 3.250%), 3.750%, 10/23/2028	205,000	204,910
MPH Acquisition Holdings LLC, 2021 Term Loan B (3 month LIBOR + 4.250%), 4.750%, 08/17/2028	224,438	218,687
NEP Group, Inc., 2018 1st Lien Term Loan (1 month LIBOR + 3.250%), 3.352%, 10/20/2025	245,570	240,214
NFP Corp., 2020 Term Loan (1 month LIBOR + 3.250%), 3.354%, 02/15/2027	222,559	218,700
Nouryon USA LLC, 2018 USD Term Loan B (1 month LIBOR + 3.000%), 3.102%, 10/01/2025	96,830	96,407
Organon & Company, USD Term Loan (3 month LIBOR + 3.000%), 3.500%, 06/02/2028	120,521	120,546
Oryx Midstream Services Permian Basin LLC, Term Loan B (3 month LIBOR + 3.250%), 3.750%, 10/05/2028	100,000	99,266

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
United States (continued)		
Packaging Coordinators Midco, Inc., 2020 1st Lien Term Loan (3 month LIBOR + 3.750%), 4.500%, 11/30/2027	\$ 99,250	\$ 99,168
Pathway Vet Alliance LLC, 2021 Term Loan (1 month LIBOR + 3.750%), 3.854%, 03/31/2027	122,868	122,363
PECF USS Intermediate Holding III Corp., Term Loan B, TBD 12/15/2028 (H)	100,000	100,036
Penn National Gaming, Inc., 2018 1st Lien Term Loan B (1 month LIBOR + 2.250%), 3.000%, 10/15/2025	109,888	109,717
Peraton Corp., Term Loan B (1 month LIBOR + 3.750%), 4.500%, 02/01/2028	109,175	109,136
Phoenix Newco, Inc., 2021 1st Lien Term Loan, TBD 11/15/2028 (H)	120,000	119,946
Proampac PG Borrower LLC, 2020 Term Loan (Prime rate + 2.750% and 3 month LIBOR + 3.750%), 4.504%, 11/03/2025	109,450	109,450
Proofpoint, Inc., 1st Lien Term Loan (3 month LIBOR + 3.250%), 3.750%, 08/31/2028	100,000	99,508
Quikrete Holdings, Inc., 2016 1st Lien Term Loan (1 month LIBOR + 2.500%), 2.604%, 02/01/2027	196,000	193,607
RealPage, Inc., 1st Lien Term Loan (1 month LIBOR + 3.250%), 3.750%, 04/24/2028	199,500	198,784
Savage Enterprises LLC, 2021 Term Loan B (1 month LIBOR + 3.250%), 3.750%, 09/15/2028	134,325	134,052
Scientific Games International, Inc., 2018 Term Loan B5 (1 month LIBOR + 2.750%), 2.854%, 08/14/2024	197,436	196,603
Sedgwick Claims Management Services, Inc., 2018 Term Loan B (1 month LIBOR + 3.250%), 3.354%, 12/31/2025	195,960	194,286
Sedgwick Claims Management Services, Inc., 2019 Term Loan B (1 month LIBOR + 3.750%), 3.854%, 09/03/2026	98,985	98,819
Shutterfly LLC, 2021 Term Loan (3 month LIBOR + 5.000%), 5.750%, 09/25/2026	100,000	98,750
Signal Parent, Inc., Term Loan B (1 month LIBOR + 3.500%), 4.250%, 04/03/2028	199,000	193,030
SkyMiles IP, Ltd., 2020 Skymiles Term Loan B (3 month LIBOR + 3.750%), 4.750%, 10/20/2027	100,000	105,625
Solera LLC, USD Term Loan B (3 month LIBOR + 4.000%), 4.500%, 06/02/2028	119,700	119,587
Specialty Building Products Holdings LLC, 2021 Term Loan B, TBD 10/15/2028 (H)	100,000	99,688
SRS Distribution, Inc., 2021 Term Loan B (3 month LIBOR + 3.750%), 4.250%, 06/02/2028	154,613	154,119

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
United States (continued)		
SS&C Technologies, Inc., 2018 Term Loan B3 (1 month LIBOR + 1.750%), 1.854%, 04/16/2025	\$ 99,069	\$ 97,868
SS&C Technologies, Inc., 2018 Term Loan B4 (1 month LIBOR + 1.750%), 1.854%, 04/16/2025	80,421	79,446
Standard Industries, Inc., 2021 Term Loan B (3 month LIBOR + 2.500%), 3.000%, 09/22/2028	112,966	113,013
Surgery Center Holdings, Inc., 2021 Term Loan (1 month LIBOR + 3.750%), 4.500%, 08/31/2026	197,477	197,230
Tecta America Corp., 2021 Term Loan (1 month LIBOR + 4.250%), 5.000%, 04/10/2028	129,350	129,188
The Dun & Bradstreet Corp., Term Loan (1 month LIBOR + 3.250%), 3.352%, 02/06/2026	344,829	343,229
The Hertz Corp., 2021 Term Loan B (1 month LIBOR + 3.250%), 3.750%, 06/30/2028	83,722	83,722
The Hertz Corp., 2021 Term Loan C (1 month LIBOR + 3.250%), 3.750%, 06/30/2028	15,858	15,858
The Michaels Companies, Inc., 2021 Term Loan B (3 month LIBOR + 4.250%), 5.000%, 04/15/2028	129,350	128,080
TK Elevator U.S. Newco, Inc., Term Loan B (6 month LIBOR + 3.500%), 4.000%, 07/30/2027	276,517	276,479
TransDigm, Inc., 2020 Term Loan E (1 month LIBOR + 2.250%), 2.354%, 05/30/2025	196,000	193,148
TricorBraun Holdings, Inc., 2021 Delayed Draw Term Loan (3 month LIBOR + 3.250%), 3.750%, 03/03/2028	18,347	18,199
TricorBraun Holdings, Inc., 2021 Term Loan (1 month LIBOR + 3.250%), 3.750%, 03/03/2028	81,229	80,574
Tronox Finance LLC, 2021 Term Loan B (1 and 3 month LIBOR + 2.250%), 2.454%, 03/13/2028	111,939	110,838
UFC Holdings LLC, 2021 Term Loan B (6 month LIBOR + 2.750%), 3.500%, 04/29/2026	182,560	181,549
UKG, Inc., 2021 Term Loan (3 month LIBOR + 3.250%), 3.750%, 05/04/2026	108,902	108,255
UKG, Inc., Term Loan B (1 month LIBOR + 3.750%), 3.854%, 05/04/2026	147,362	146,809
United Airlines, Inc., 2021 Term Loan B (3 month LIBOR + 3.750%), 4.500%, 04/21/2028	99,250	99,385
UPC Financing Partnership, 2021 USD Term Loan AX (3 month LIBOR + 3.000%), 3.110%, 01/31/2029	180,000	179,287
USI, Inc., 2017 Repriced Term Loan (3 month LIBOR + 3.000%), 3.224%, 05/16/2024	122,756	121,727
Virgin Media Bristol LLC, 2020 USD Term Loan Q (3 month LIBOR + 3.250%), 3.360%, 01/31/2029	145,000	144,842

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (G) (continued)		
United States (continued)		
Weber-Stephen Products LLC, Term Loan B (1 and 6 month LIBOR + 3.250%), 4.000%, 10/30/2027	\$ 81,392	\$ 81,460
White Cap Buyer LLC, Term Loan B (1 month LIBOR + 4.000%), 4.500%, 10/19/2027	133,650	133,665
WW International, Inc., 2021 Term Loan B (1 month LIBOR + 3.500%), 4.000%, 04/13/2028	94,500	93,437
Zelis Payments Buyer, Inc., 2021 Term Loan (1 month LIBOR + 3.500%), 3.599%, 09/30/2026	148,500	147,365
		17,078,089
TOTAL TERM LOANS (Cost \$19,006,182)		\$ 19,222,235
COLLATERALIZED MORTGAGE OBLIGATIONS - 6.1%		
Commercial and residential - 4.0%		
ACRE Commercial Mortgage, Ltd., Series 2021-FL4, Class B (1 month LIBOR + 1.400%), 1.489%, 12/18/2037 (B)(I)		
	100,000	99,652
Angel Oak Mortgage Trust, Series 2020-3, Class M1, 3.809%, 04/25/2065 (B)(J)		
	180,000	182,146
ANTLR Mortgage Trust, Series 2021-RTL1, Class A1, 2.115%, 11/25/2024 (B)(J)		
	125,000	124,683
BANK		
Series 2021-BN32, Class XA IO, 0.892%, 04/15/2054		
	998,668	56,841
Series 2021-BN35, Class XA IO, 1.159%, 06/15/2064		
	1,328,018	104,320
Series 2021-BN37, Class XA IO, 0.613%, 11/15/2064		
	999,703	43,980
BBCMS Mortgage Trust, Series 2017-DELC, Class A (1 month LIBOR + 0.850%), 0.940%, 08/15/2036 (B)(I)		
	100,000	99,908
Benchmark Mortgage Trust Series 2019-B10, Class XA IO, 1.388%, 03/15/2062		
	565,675	38,948
Series 2020-B22, Class XA IO, 1.635%, 01/15/2054		
	204,600	23,423
BPR Trust, Series 2021-TY, Class A (1 month LIBOR + 1.050%), 1.140%, 09/15/2038 (B)(I)		
	115,000	114,781
BRAVO Residential Funding Trust Series 2020-NQM1, Class M1, 3.181%, 05/25/2060 (B)(J)		
	180,000	180,743
Series 2021-A, Class A1, 1.991%, 04/25/2031 (B)		
	142,843	141,748
Series 2021-NQM1, Class M1, 2.316%, 02/25/2049 (B)(J)		
	100,000	99,185
BX Commercial Mortgage Trust Series 2019-XL, Class C (1 month LIBOR + 1.250%), 1.340%, 10/15/2036 (B)(I)		
	233,750	233,383
Series 2020-BXLP, Class G (1 month LIBOR + 2.500%), 2.590%, 12/15/2036 (B)(I)		
	83,504	82,566
Series 2020-VKNG, Class F (1 month LIBOR + 2.750%), 2.840%, 10/15/2037 (B)(I)		
	222,056	220,542

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
BX Trust		
Series 2018-GW, Class E (1 month LIBOR + 1.970%), 2.060%, 05/15/2035 (B)(I)	\$ 80,000	\$ 79,247
Series 2021-MFM1, Class D (1 month LIBOR + 1.500%), 1.590%, 01/15/2034 (B)(I)	55,000	54,139
Series 2021-MFM1, Class E (1 month LIBOR + 2.250%), 2.340%, 01/15/2034 (B)(I)	40,000	39,694
BXHPP Trust, Series 2021-FILM, Class B (1 month LIBOR + 0.900%), 0.990%, 08/15/2036 (B)(I)	65,000	64,269
CFCRE Commercial Mortgage Trust, Series 2011-C2, Class C, 5.359%, 12/15/2047 (B)(J)	6,946	6,940
CIM Trust, Series 2021-R4, Class A1, 2.000%, 05/01/2061 (B)(J)	241,971	240,293
Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG), Series 2013-CR13, Class B, 5.044%, 11/10/2046 (J)	169,000	177,533
Commercial Mortgage Trust (Deutsche Bank AG)		
Series 2020-SBX, Class C, 2.056%, 01/10/2038 (B)(J)	100,000	97,704
Series 2020-SBX, Class D, 2.398%, 01/10/2038 (B)(J)	100,000	97,170
Series 2021-LBA, Class C (1 month LIBOR + 1.200%), 1.290%, 03/15/2038 (B)(I)	280,000	275,952
Credit Suisse Mortgage Trust		
Series 2020-NET, Class D, 3.828%, 08/15/2037 (B)(J)	100,000	101,788
Series 2020-RPL5, Class A1, 3.023%, 08/25/2060 (B)(J)	217,575	218,767
Series 2020-RPL6, Class A2, 3.271%, 03/25/2059 (B)(J)	215,000	212,120
Deephaven Residential Mortgage Trust, Series 2021-1, Class A3, 1.128%, 05/25/2065 (B)(J)	60,310	59,818
FREMF Mortgage Trust		
Series 2015-K45, Class C, 3.589%, 04/25/2048 (B)(J)	115,000	118,248
Series 2015-K49, Class B, 3.721%, 10/25/2048 (B)(J)	250,000	263,696
Series 2016-K55, Class C, 4.163%, 04/25/2049 (B)(J)	50,000	52,633
Series 2018-K78, Class C, 4.128%, 06/25/2051 (B)(J)	182,000	194,709
Series 2018-K79, Class B, 4.351%, 07/25/2051 (B)(J)	75,000	82,858
Series 2019-K99, Class B, 3.646%, 10/25/2052 (B)(J)	180,000	194,126
GS Mortgage Securities Trust		
Series 2017-GS6, Class C, 4.322%, 05/10/2050 (J)	25,000	26,559
Series 2019-BOCA, Class A (1 month LIBOR + 1.200%), 1.290%, 06/15/2038 (B)(I)	280,000	279,826
Series 2021-IP, Class B (1 month LIBOR + 1.150%), 1.240%, 10/15/2036 (B)(I)	119,000	118,871

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
GS Mortgage Securities Trust (continued)		
Series 2021-ROSS, Class A (1 month LIBOR + 1.150%), 1.240%, 05/15/2026 (B)(I)	\$ 100,000	\$ 99,441
JPMorgan Mortgage Trust, Series 2018-3, Class A1, 3.500%, 09/25/2048 (B)(J)	30,081	30,469
KKR Industrial Portfolio Trust, Series 2021-KDIP, Class D (1 month LIBOR + 1.250%), 1.340%, 12/15/2037 (B)(I)	161,250	159,330
LHOME Mortgage Trust, Series 2021-RTL2, Class A1, 2.090%, 06/25/2026 (B)	155,000	155,260
LoanCore Issuer, Ltd., Series 2021-CRE4, Class B (SOFR + 1.364%), 1.412%, 07/15/2035 (B)(I)	100,000	99,824
Merit, Series 2020-HILL, Class B (1 month LIBOR + 1.400%), 1.490%, 08/15/2037 (B)(I)	99,019	98,989
MHC Commercial Mortgage Trust, Series 2021-MHC, Class C (1 month LIBOR + 1.351%), 1.440%, 04/15/2038 (B)(I)	205,000	204,551
Morgan Stanley Bank of America Merrill Lynch Trust, Series 2013-C8, Class C, 4.156%, 12/15/2048 (J)	283,000	286,653
Morgan Stanley Capital I Trust		
Series 2017-CLS, Class F (1 month LIBOR + 2.600%), 2.690%, 11/15/2034 (B)(I)	177,000	176,221
Series 2018-SUN, Class B (1 month LIBOR + 1.200%), 1.290%, 07/15/2035 (B)(I)	100,000	99,497
NYMT Loan Trust I, Series 2021-BPL1, Class A1, 2.239%, 05/25/2026 (B)	230,000	228,363
Pretium Mortgage Credit Partners LLC, Series 2021-RN1, Class A2, 3.598%, 02/25/2061 (B)	185,000	182,364
PRPM LLC		
Series 2021-3, Class A2, 3.720%, 04/25/2026 (B)	110,000	108,685
Series 2021-5, Class A1, 1.793%, 06/25/2026 (B)	130,932	129,666
Series 2021-7, Class A1, 1.867%, 08/25/2026 (B)	154,214	152,555
Ready Capital Mortgage Financing LLC		
Series 2021-FL6, Class AS (1 month LIBOR + 1.200%), 1.289%, 07/25/2036 (B)(I)	105,000	104,213
Series 2021-FL7, Class AS (1 month LIBOR + 1.500%), 1.580%, 11/25/2036 (B)(I)	55,000	54,949
SFO Commercial Mortgage Trust, Series 2021-555, Class B (1 month LIBOR + 1.500%), 1.590%, 05/15/2038 (B)(I)	70,000	69,961
Starwood Mortgage Residential Trust, Series 2021-2, Class A3, 1.431%, 05/25/2065 (B)(J)	128,689	127,896

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
STWD Trust, Series 2021-FLWR, Class B (1 month LIBOR + 0.926%), 1.016%, 07/15/2036 (B)(I)	\$ 275,000	\$ 271,715
Toorak Mortgage Corp., Series 2019-2, Class A2, 4.213%, 09/25/2022	150,000	150,102
Verus Securitization Trust Series 2020-1, Class A3, 2.724%, 01/25/2060 (B)	128,223	128,384
Series 2020-INV1, Class A3, 3.889%, 03/25/2060 (B)(J)	100,000	102,401
VMC Finance LLC, Series 2021-FL4, Class A (1 month LIBOR + 1.100%), 1.189%, 06/16/2036 (B)(I)	162,077	161,765
Wells Fargo Mortgage Backed Securities Trust, Series 2019-3, Class A1, 3.500%, 07/25/2049 (B)(J)	28,751	28,966
WF-RBS Commercial Mortgage Trust, Series 2011-C4, Class C, 5.024%, 06/15/2044 (B)(J)	159,790	159,632
		<u>8,475,661</u>
U.S. Government Agency - 2.1%		
Federal Home Loan Mortgage Corp.		
Series 2013-DN1, Class M2 (1 month LIBOR + 7.150%), 7.239%, 07/25/2023 (I)	90,489	95,256
Series 2014-DN2, Class M3 (1 month LIBOR + 3.600%), 3.689%, 04/25/2024 (I)	134,214	137,415
Series 2016-DNA2, Class M3 (1 month LIBOR + 4.650%), 4.739%, 10/25/2028 (I)	134,349	139,147
Series 2017-HQA2, Class M2 (1 month LIBOR + 2.650%), 2.739%, 12/25/2029 (I)	290,487	297,842
Series 2018-DNA1, Class M2 (1 month LIBOR + 1.800%), 1.889%, 07/25/2030 (I)	237,949	239,266
Series 2018-HQA1, Class M2 (1 month LIBOR + 2.300%), 2.389%, 09/25/2030 (I)	61,066	61,755
Series 2020-DNA2, Class M2 (1 month LIBOR + 1.850%), 1.939%, 02/25/2050 (B)(I)	69,864	70,105
Series 2020-DNA5, Class M2 (SOFR + 2.800%), 2.849%, 10/25/2050 (B)(I)	74,389	74,974
Series 2020-DNA6, Class B1 (SOFR + 3.000%), 3.049%, 12/25/2050 (B)(I)	35,000	35,237
Series 2020-HQA2, Class M2 (1 month LIBOR + 3.100%), 3.189%, 03/25/2050 (B)(I)	185,568	187,736
Series 2020-HQA3, Class B1 (1 month LIBOR + 5.750%), 5.839%, 07/25/2050 (B)(I)	195,000	203,389
Series 324, Class C18 IO, 4.000%, 12/15/2033	299,212	34,529
Series 4446, Class BI IO, 6.500%, 04/15/2039	211,813	45,802
Series K066, Class X1 IO, 0.749%, 06/25/2027	1,246,060	45,007

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal Home Loan		
Mortgage Corp. (continued)		
Series K100, Class X3 IO, 1.870%, 11/25/2047	\$ 275,000	\$ 33,808
Series K103, Class X1 IO, 0.638%, 11/25/2029	1,023,507	46,727
Series K105, Class X1 IO, 1.523%, 03/25/2053	639,216	68,531
Series K106, Class X1 IO, 1.354%, 01/25/2030	618,418	59,236
Series K106, Class X3 IO, 1.920%, 03/25/2048	490,000	65,044
Series K107, Class X1 IO, 1.591%, 01/25/2030	549,128	61,435
Series K108, Class X1 IO, 1.690%, 03/25/2030	389,890	47,501
Series K110, Class X1 IO, 1.697%, 04/25/2030	99,783	11,906
Series K111, Class X1 IO, 1.572%, 05/25/2030	99,714	11,373
Series K115, Class X3 IO, 2.958%, 09/25/2048	147,298	31,264
Series K116, Class X3 IO, 3.021%, 09/25/2047	223,880	49,091
Series K121, Class X1 IO, 1.028%, 10/25/2030	114,785	8,768
Series K122, Class X1 IO, 0.883%, 11/25/2030	99,852	6,735
Series K123, Class X1 IO, 0.775%, 12/25/2030	409,531	24,376
Series K124, Class X1 IO, 0.721%, 12/25/2030	252,730	14,452
Series K129, Class X3 IO, 3.172%, 05/25/2031	165,000	41,237
Series K737, Class X1 IO, 0.637%, 10/25/2026	494,800	12,941
Series K738, Class X1 IO, 1.515%, 01/25/2027	650,127	43,244
Series K740, Class X3 IO, 2.481%, 11/25/2047	135,000	17,036
Series K742, Class X3 IO, 2.595%, 04/25/2028	100,000	14,374
Series Q014, Class X IO, 2.800%, 10/25/2055	160,256	36,821
Federal National Mortgage Association		
Series 2014-C02, Class 1M2 (1 month LIBOR + 2.600%), 2.689%, 05/25/2024 (I)	52,119	53,091
Series 2014-C04, Class 1M2 (1 month LIBOR + 4.900%), 4.989%, 11/25/2024 (I)	83,955	87,416
Series 2017-C02, Class 2M2 (1 month LIBOR + 3.650%), 3.739%, 09/25/2029 (I)	216,975	223,882
Series 2017-C04, Class 2M2 (1 month LIBOR + 2.850%), 2.939%, 11/25/2029 (I)	250,207	256,479
Series 2017-C07, Class 1B1 (1 month LIBOR + 4.000%), 4.089%, 05/25/2030 (I)	293,000	304,735
Series 2018-C02, Class 2B1 (1 month LIBOR + 4.000%), 4.089%, 08/25/2030 (I)	60,000	61,879

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal National		
Mortgage Association (continued)		
Series 2018-C05, Class 1B1 (1 month LIBOR + 4.250%), 4.339%, 01/25/2031 (I)	\$ 230,000	\$ 240,938
Series 2018-C05, Class 1M2 (1 month LIBOR + 2.350%), 2.439%, 01/25/2031 (I)	103,060	104,093
Series 2019-HRP1, Class M2 (1 month LIBOR + 2.150%), 2.239%, 11/25/2039 (B)(I)	173,297	173,297
Series 2019-R03, Class 1B1 (1 month LIBOR + 4.100%), 4.189%, 09/25/2031 (B)(I)	75,000	76,838
Series 2019-R05, Class 1B1 (1 month LIBOR + 4.100%), 4.189%, 07/25/2039 (B)(I)	120,000	121,995
Series 2020-26, Class AI IO, 3.000%, 04/25/2033	416,284	26,510
Series 2020-26, Class IA IO, 3.500%, 11/25/2039	368,301	39,933
Series 2020-27, Class NI IO, 4.500%, 05/25/2050	261,293	45,421
Series 2020-35, Class IC IO, 5.000%, 06/25/2050	265,169	42,908
Series 2020-R02, Class 2B1 (1 month LIBOR + 3.000%), 3.089%, 01/25/2040 (B)(I)	152,000	152,330
Series 410, Class C8 IO, 4.000%, 04/25/2032	355,408	38,042
Government National		
Mortgage Association		
Series 2015-62, Class CI IO, 4.500%, 05/20/2045	178,026	26,675
Series 2017-130, Class IO, 4.500%, 02/20/2040	184,610	27,107
Series 2018-168, Class AI IO, 5.000%, 12/16/2048	271,976	49,198
		4,526,127
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$12,593,961)		\$ 13,001,788
ASSET BACKED SECURITIES - 4.4%		
AASET Trust, Series 2021-2A, Class A, 2.798%, 01/15/2047 (B)		
	250,000	248,094
Ajax Mortgage Loan Trust, Series 2021-B, Class A, 2.239%, 06/25/2066 (B)		
	138,822	137,824
Arbor Realty Commercial Real Estate Notes, Ltd.		
Series 2021-FL2, Class AS (1 month LIBOR + 1.400%), 1.490%, 05/15/2036 (B)(I)	100,000	99,625
Series 2021-FL3, Class B (1 month LIBOR + 1.600%), 1.690%, 08/15/2034 (B)(I)	110,000	109,553
Ares XXVII CLO, Ltd., Series 2013-2A, Class CR2 (3 month LIBOR + 2.000%), 2.124%, 10/28/2034 (B)(I)		
	250,000	249,998
Avant Loans Funding Trust, Series 2021-REV1, Class A, 1.210%, 07/15/2030 (B)		
	150,000	148,761

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Bain Capital Credit CLO, Ltd., Series 2020-5A, Class E (3 month LIBOR + 6.900%), 7.032%, 01/20/2032 (B)(I)		
	\$ 250,000	\$ 249,995
BlueMountain CLO, Ltd., Series 2018-2A, Class D (3 month LIBOR + 3.150%), 3.306%, 08/15/2031 (B)(I)		
	250,000	245,079
Bojangles Issuer LLC, Series 2020-1A, Class A2, 3.832%, 10/20/2050 (B)		
	125,000	127,799
CF Hippolyta LLC, Series 2020-1, Class B1, 2.280%, 07/15/2060 (B)		
	234,728	234,472
CIFC Funding, Ltd., Series 2014-2RA, Class A1 (3 month LIBOR + 1.050%), 1.174%, 04/24/2030 (B)(I)		
	300,000	300,038
CoreVest American Finance Trust, Series 2020-4, Class B, 1.707%, 12/15/2052 (B)		
	100,000	97,190
DataBank Issuer, Series 2021-1A, Class A2, 2.060%, 02/27/2051 (B)		
	170,000	166,704
Domino's Pizza Master Issuer LLC Series 2017-1A, Class A23, 4.118%, 07/25/2047 (B)		
	182,875	191,372
Series 2021-1A, Class A2I, 2.662%, 04/25/2051 (B)		
	84,575	84,931
Flagship Credit Auto Trust Series 2021-3, Class C, 1.460%, 09/15/2027 (B)		
	350,000	344,070
Series 2021-3, Class D, 1.650%, 09/15/2027 (B)		
	112,000	109,918
FRTKL, Series 2021-SFR1, Class E2, 2.522%, 09/17/2038 (B)		
	132,000	128,715
Gilbert Park CLO, Ltd., Series 2017-1A, Class B (3 month LIBOR + 1.600%), 1.724%, 10/15/2030 (B)(I)		
	280,000	280,011
Greystone Commercial Real Estate Notes, Ltd., Series 2021-FL3, Class B (1 month LIBOR + 1.650%), 1.740%, 07/15/2039 (B)(I)		
	100,000	99,815
Harriman Park CLO, Ltd., Series 2020-1A, Class DR (3 month LIBOR + 3.100%), 3.232%, 04/20/2034 (B)(I)		
	250,000	247,909
HIN Timeshare Trust, Series 2020-A, Class A, 1.390%, 10/09/2039 (B)		
	32,915	32,668
Home Partners of America Trust, Series 2021-1, Class C, 2.078%, 09/17/2041 (B)		
	101,319	98,841
Horizon Aircraft Finance II, Ltd., Series 2019-1, Class A, 3.721%, 07/15/2039 (B)		
	219,019	214,556
KKR CLO, Ltd., Series 2020, Class B (3 month LIBOR + 1.550%), 1.672%, 10/16/2030 (B)(I)		
	282,000	280,684
LAD Auto Receivables Trust, Series 2021-1A, Class B, 1.940%, 11/16/2026 (B)		
	85,000	84,796
LCM XXV, Ltd., Series 25A, Class B2 (3 month LIBOR + 1.650%), 1.782%, 07/20/2030 (B)(I)		
	250,000	248,992
Lendbuzz Securitization Trust, Series 2021-1A, Class A, 1.460%, 06/15/2026 (B)		
	254,833	253,806

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Madison Park Funding XIX, Ltd., Series 2015-19A, Class A2R2 (3 month LIBOR + 1.500%), 1.628%, 01/22/2028 (B)(I)	\$ 250,000	\$ 249,112
Magnetite XVIII, Ltd., Series 2016-18A, Class BR (3 month LIBOR + 1.500%), 1.656%, 11/15/2028 (B)(I)	250,000	250,093
MAPS Trust, Series 2021-1A, Class A, 2.521%, 06/15/2046 (B)	240,375	237,949
MF1, Ltd., Series 2020-FL4, Class A (SOFR + 1.815%), 1.862%, 11/15/2035 (B)(I)	100,000	100,351
MFA LLC, Series 2021-NPL1, Class A1, 2.363%, 03/25/2060 (B)	115,863	115,222
Neuberger Berman CLO XVII, Ltd., Series 2014-17A, Class CR2 (3 month LIBOR + 2.000%), 2.128%, 04/22/2029 (B)(I)	250,000	250,067
Progress Residential Trust Series 2021-SFR2, Class D, 2.197%, 04/19/2038 (B)	100,000	97,804
Series 2021-SFR5, Class E1, 2.209%, 07/17/2038 (B)	100,000	97,033
Series 2021-SFR6, Class E2, 2.525%, 07/17/2038 (B)	100,000	98,113
Series 2021-SFR8, Class E2, 2.532%, 10/17/2038 (B)	285,000	276,974
Series 2021-SFR10, Class B, 2.722%, 12/17/2038 (B)	120,000	119,782
Race Point VIII CLO, Ltd., Series 2013-8A, Class DR2 (3 month LIBOR + 3.500%), 3.660%, 02/20/2030 (B)(I)	250,000	248,128
Sonic Capital LLC, Series 2020-1A, Class A21, 3.845%, 01/20/2050 (B)	197,333	203,931
Stratus CLO, Ltd., Series 2021-1A, Class D (3 month LIBOR + 2.500%), 2.671%, 12/29/2029 (B)(I)	250,000	249,007
Summit Issuer LLC, Series 2020-1A, Class A2, 2.290%, 12/20/2050 (B)	55,000	54,499
Symphony CLO XXII, Ltd., Series 2020-22A, Class C (3 month LIBOR + 2.150%), 2.272%, 04/18/2033 (B)(I)	250,000	250,193
Treman Park CLO, Ltd., Series 2015-1A, Class C3RR (3 month LIBOR + 2.000%), 2.132%, 10/20/2028 (B)(I)	250,000	250,006
Vericrest Opportunity Loan Transferee, Series 2021-NP11, Class A1, 1.868%, 08/25/2051 (B)	221,143	219,517
Verus Securitization Trust, Series 2020-NPL1, Class A1, 3.598%, 08/25/2050 (B)	44,616	44,684
VOLT XCIV LLC, Series 2021-NPL3, Class A1, 2.240%, 02/27/2051 (B)	152,562	151,747
VOLT XCVI LLC, Series 2021-NPL5, Class A1, 2.116%, 03/27/2051 (B)	82,101	81,716

Opportunistic Fixed Income Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Voya CLO, Ltd., Series 2013-3A, Class BRR (3 month LIBOR + 2.250%), 2.372%, 10/18/2031 (B)(I)	\$ 250,000	\$ 247,265
Westlake Automobile Receivables Trust, Series 2021-2A, Class D, 1.230%, 12/15/2026 (B)	265,000	260,758
TOTAL ASSET BACKED SECURITIES (Cost \$9,265,106)		\$ 9,270,167
COMMON STOCKS - 0.0%		
Luxembourg - 0.0%		
Codere New Topco SA (C)(E)	6,364	40,502
TOTAL COMMON STOCKS (Cost \$40,358)		\$ 40,502
PREFERRED SECURITIES - 0.0%		
United States - 0.0%		
Becton, Dickinson and Company, 6.000%	1,136	59,924
Fluor Corp., 6.500% (B)	5	6,592
		66,516
TOTAL PREFERRED SECURITIES (Cost \$64,958)		\$ 66,516
EXCHANGE-TRADED FUNDS - 4.8%		
iShares JP Morgan USD Emerging Markets Bond ETF	86,500	9,433,690
SPDR Bloomberg Convertible Securities ETF	7,600	630,496
TOTAL EXCHANGE-TRADED FUNDS (Cost \$10,332,632)		\$ 10,064,186
SHORT-TERM INVESTMENTS - 2.8%		
Short-term funds - 2.8%		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (K)	6,010,778	6,010,778
TOTAL SHORT-TERM INVESTMENTS (Cost \$6,010,778)		\$ 6,010,778
Total Investments (Opportunistic Fixed Income Trust) (Cost \$224,891,214) - 102.2%		
		\$ 216,857,777
Other assets and liabilities, net - (2.2%)		
		(4,741,671)
TOTAL NET ASSETS - 100.0%		\$ 212,116,106

Currency Abbreviations

AUD	Australian Dollar
BRL	Brazilian Real
CAD	Canadian Dollar
CLP	Chilean Peso
COP	Colombian Peso
CZK	Czech Republic Koruna
EUR	Euro
GBP	Pound Sterling
HKD	Hong Kong Dollar
HUF	Hungarian Forint
IDR	Indonesian Rupiah
ILS	Israeli New Shekel
ISK	Icelandic Krona
JPY	Japanese Yen
KRW	Korean Won
MXN	Mexican Peso
MYR	Malaysian Ringgit
NOK	Norwegian Krone
NZD	New Zealand Dollar
PEN	Peruvian Nuevo Sol
PLN	Polish Zloty
RON	Romanian New Leu
RUB	Russian Ruble

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

THB	Thai Bhat
TRY	Turkish Lira
UYU	Uruguayan Peso
ZAR	South African Rand
<u>Security Abbreviations and Legend</u>	
CMT	Constant Maturity Treasury
CPI	Consumer Price Index
EURIBOR	Euro Interbank Offered Rate
GO	General Obligation
IO	Interest-Only Security - (Interest Tranche of Stripped Mortgage Pool). Rate shown is the annualized yield at the end of the period.
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
TBA	To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date.
(A)	Security purchased or sold on a when-issued or delayed delivery basis.
(B)	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 \$44,508,132 or 21.0% of the fund's net assets as of 12-31-21.

Opportunistic Fixed Income Trust (continued)

(C)	Non-income producing security.
(D)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(E)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.
(F)	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.
(G)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(H)	This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
(I)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(J)	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. The interest rate shown is the current rate as of period end.
(K)	The rate shown is the annualized seven-day yield as of 12-31-21.
*	Yield represents either the annualized yield at the date of purchase, the stated coupon rate or, for floating rate securities, the rate at period end.

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
10-Year U.S. Treasury Note Futures	11	Long	Mar 2022	\$1,435,895	\$1,435,156	\$(739)
5-Year U.S. Treasury Note Futures	166	Long	Mar 2022	20,042,060	20,082,109	40,049
Euro SCHATZ Futures	1	Long	Mar 2022	127,695	127,546	(149)
U.K. Long Gilt Bond Futures	20	Long	Mar 2022	3,418,752	3,381,168	(37,584)
Ultra U.S. Treasury Bond Futures	6	Long	Mar 2022	1,159,351	1,182,750	23,399
Ultra U.S. Treasury Bond Futures	4	Long	Mar 2022	579,234	585,750	6,516
10-Year Australian Treasury Bond Futures	61	Short	Mar 2022	(6,197,436)	(6,206,059)	(8,623)
10-Year Canada Government Bond Futures	10	Short	Mar 2022	(1,135,364)	(1,127,475)	7,889
10-Year Mini Japan Government Bond Futures	1	Short	Mar 2022	(131,971)	(131,800)	171
2-Year U.S. Treasury Note Futures	40	Short	Mar 2022	(8,730,981)	(8,726,875)	4,106
Euro-BTP Italian Government Bond Futures	7	Short	Mar 2022	(1,185,453)	(1,171,596)	13,857
Euro-Buxl Futures	46	Short	Mar 2022	(11,281,429)	(10,827,177)	454,252
German Euro BOBL Futures	6	Short	Mar 2022	(915,530)	(910,162)	5,368
German Euro BUND Futures	68	Short	Mar 2022	(13,466,787)	(13,267,118)	199,669
U.S. Treasury Long Bond Futures	126	Short	Mar 2022	(20,053,592)	(20,215,122)	(161,530)
						\$546,651

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

FORWARD FOREIGN CURRENCY CONTRACTS

Contract to buy	Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation
AUD 2,191,000	USD 1,557,790	MSI	1/31/2022	\$36,394	—
BRL 28,261,000	USD 5,001,947	CITI	1/4/2022	71,841	—
BRL 3,000,000	USD 525,072	CITI	1/31/2022	10,128	—
CAD 675,000	USD 525,251	BARC	1/31/2022	8,353	—
CAD 1,659,000	USD 1,282,393	MSI	1/31/2022	29,086	—
CHF 2,754,000	USD 3,001,376	GSI	1/31/2022	23,093	—
CLP 2,727,958,000	USD 3,148,249	BOA	1/31/2022	41,882	—
COP 5,744,923,000	USD 1,432,649	MSI	1/31/2022	—	\$(24,317)
EUR 2,781,000	USD 3,138,984	BARC	1/31/2022	28,894	—
EUR 698,000	USD 790,984	JPM	1/31/2022	4,119	—
EUR 213,000	USD 241,525	MSI	1/31/2022	1,106	—

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued) FORWARD FOREIGN CURRENCY CONTRACTS (continued)

Contract to buy	Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation		
GBP	4,392,000	USD	5,853,965	MSI	1/31/2022	\$90,485	—
HUF	248,375,000	USD	761,630	JPM	1/31/2022	1,953	—
IDR	46,731,000,000	USD	3,239,809	MSI	1/31/2022	44,111	—
INR	219,912,000	USD	2,884,584	MSI	1/31/2022	58,866	—
JPY	1,069,911,000	USD	9,418,123	BARC	1/31/2022	—	\$(115,203)
NOK	12,580,000	USD	1,398,899	BOA	1/31/2022	28,899	—
NZD	250,000	USD	168,147	BARC	1/28/2022	3,033	—
NZD	6,076,000	USD	4,082,221	MSI	1/28/2022	78,115	—
PHP	162,300,000	USD	3,251,400	JPM	1/31/2022	—	(96,760)
PLN	13,211,000	USD	3,224,899	BARC	1/31/2022	48,063	—
RUB	256,880,000	USD	3,452,874	BARC	1/31/2022	—	(37,523)
SEK	12,950,000	USD	1,420,230	JPM	1/31/2022	13,196	—
THB	39,960,000	USD	1,189,994	CITI	1/31/2022	6,027	—
TRY	19,147,000	USD	1,143,764	BARC	1/31/2022	268,953	—
USD	4,545,391	AUD	6,393,000	MSI	1/31/2022	—	(106,192)
USD	5,019,251	BRL	28,261,000	CITI	1/4/2022	—	(54,537)
USD	2,565,890	BRL	14,722,000	CITI	1/31/2022	—	(60,514)
USD	4,485,122	BRL	25,519,000	CITI	2/2/2022	—	(65,226)
USD	5,287,263	CAD	6,840,000	MSI	1/31/2022	—	(119,919)
USD	2,486,357	CLP	2,154,428,000	BOA	1/31/2022	—	(33,076)
USD	169,968	CLP	148,382,000	MSI	1/31/2022	—	(3,553)
USD	3,125,962	CZK	69,859,000	JPM	1/31/2022	—	(63,439)
USD	699,585	EUR	617,000	BOA	1/31/2022	—	(3,249)
USD	28,778,239	EUR	25,509,000	BARC	1/31/2022	—	(279,434)
USD	305,844	EUR	271,000	JPM	1/31/2022	—	(2,856)
USD	122,458	EUR	108,000	MSI	1/31/2022	—	(567)
USD	278,570	GBP	209,000	MSI	1/31/2022	—	(4,306)
USD	259,793	HKD	2,026,000	BOA	1/28/2022	—	(43)
USD	580,217	HUF	189,200,000	BARC	1/31/2022	—	(1,443)
USD	4,893,836	ILS	15,189,000	BARC	1/31/2022	7,767	—
USD	9,757,054	JPY	1,108,414,000	BARC	1/31/2022	119,349	—
USD	16,042,309	KRW	19,140,720,000	MSI	1/28/2022	—	(42,584)
USD	3,472,623	MXN	72,682,000	CITI	1/31/2022	—	(61,033)
USD	7,877,756	NOK	70,843,000	BOA	1/31/2022	—	(162,744)
USD	5,285,523	NZD	7,867,000	MSI	1/28/2022	—	(101,145)
USD	5,085,058	RUB	378,308,000	BARC	1/31/2022	55,261	—
USD	1,037,883	RUB	77,260,000	CITI	1/31/2022	10,672	—
USD	3,020,856	SEK	27,247,000	JPM	1/31/2022	4,905	—
USD	3,128,928	SGD	4,282,000	MSI	1/31/2022	—	(48,022)
USD	1,089,389	TRY	13,102,000	BARC	1/31/2022	122,688	—
USD	1,194,197	ZAR	18,650,000	GSI	1/31/2022	28,311	—
ZAR	26,720,000	USD	1,673,190	MSI	1/31/2022	—	(2,815)
						\$1,245,550	\$(1,490,500)

SWAPS

Interest rate swaps

Counterparty (OTC)/ Centrally cleared	Notional amount	Currency	Payments made	Payments received	Fixed payment frequency	Floating payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
BOA	26,670,000	CNY	CNY CNREPOFIX Reuters	Fixed 2.340%	Quarterly	Quarterly	Sep 2025	\$(3,512)	\$6,435	\$2,923
CITI	10,560,000	CNY	CNY CNREPOFIX Reuters	Fixed 2.390%	Quarterly	Quarterly	Jun 2025	—	14,442	14,442
CITI	41,170,000	CNY	CNY CNREPOFIX Reuters	Fixed 2.340%	Quarterly	Quarterly	Sep 2025	(69,081)	74,392	5,311
CITI	27,880,000	CNY	CNY CNREPOFIX Reuters	Fixed 2.340%	Quarterly	Quarterly	Sep 2025	(38,590)	42,039	3,449
CITI	17,520,000	CNY	CNY CNREPOFIX Reuters	Fixed 2.635%	Quarterly	Quarterly	Sep 2026	—	33,287	33,287
								\$(111,183)	\$170,595	\$59,412
Centrally cleared	2,550,000	CAD	CAD CORRA Compounded OIS	Fixed 0.013%	Semi-Annual	Semi-Annual	Sep 2026	—	(22,739)	(22,739)
Centrally cleared	2,550,000	CAD	CAD CORRA Compounded OIS	Fixed 0.013%	Semi-Annual	Semi-Annual	Sep 2026	—	(23,427)	(23,427)
Centrally cleared	2,935,000	CAD	CAD CDOR	Fixed 1.283%	Semi-Annual	Semi-Annual	Nov 2026	—	(21,680)	(21,680)
Centrally cleared	2,415,000	CAD	CAD CDOR	Fixed 1.266%	Semi-Annual	Semi-Annual	Nov 2026	—	(19,360)	(19,360)
Centrally cleared	7,990,000	CAD	CAD CORRA Compounded OIS	Fixed 1.530%	Semi-Annual	Semi-Annual	Dec 2026	—	11,273	11,273

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

Interest rate swaps (continued)

Counterparty (OTC)/ Centrally cleared	Notional amount	Currency	Payments made	Payments received	Fixed payment frequency	Floating payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Centrally cleared	8,500,000	NZD	NZD BBR FRA	Fixed 2.660%	Semi-Annual	Quarterly	Mar 2027	\$(19,933)	\$29,504	\$9,571
Centrally cleared	6,540,000	NZD	NZD BBR FRA	Fixed 2.750%	Semi-Annual	Quarterly	Mar 2027	6,785	19,499	26,284
Centrally cleared	92,659,200	MXN	MXN TIIE Banxico	Fixed 7.130%	Monthly	Monthly	Jun 2031	30,382	(148,317)	(117,935)
Centrally cleared	84,380,000	MXN	MXN TIIE Banxico	Fixed 6.940%	Monthly	Monthly	Sep 2031	(1,473)	(161,744)	(163,217)
Centrally cleared	30,950,000	MXN	MXN TIIE Banxico	Fixed 7.590%	Monthly	Monthly	Dec 2031	(3,876)	13,388	9,512
				GBP SONIA Compounded OIS	Annual	Annual	Dec 2051	1,552	46,485	48,037
Centrally cleared	560,000	GBP	Fixed 0.590%	GBP SONIA Compounded OIS	Annual	Annual	Sep 2071	(27,882)	(43,577)	(71,459)
Centrally cleared	720,000	GBP	Fixed 0.840%	GBP SONIA Compounded OIS	Annual	Annual	Mar 2072	1,541	(738)	803
Centrally cleared	290,000	GBP	Fixed 0.660%	OIS	Annual	Annual				
								\$(12,904)	\$(321,433)	\$(334,337)
								\$(124,087)	\$(150,838)	\$(274,925)

Credit default swaps - Buyer

Counterparty (OTC)/ Centrally cleared	Reference obligation	Notional amount	Currency	USD notional amount	Pay fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
BARC	Government of Mexico	365,000	USD	\$365,000	1.000%	Quarterly	Dec 2026	\$(347)	\$(1,634)	\$(1,981)
BARC	Government of Mexico	505,000	USD	505,000	1.000%	Quarterly	Dec 2026	(1,799)	(942)	(2,741)
BARC	Republic of Indonesia	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(2,302)	(2,964)	(5,266)
BARC	Republic of Indonesia	720,000	USD	720,000	1.000%	Quarterly	Dec 2026	(8,540)	(153)	(8,693)
BARC	Republic of Peru	365,000	USD	365,000	1.000%	Quarterly	Dec 2026	(1,739)	(3,646)	(5,385)
BARC	Republic of Peru	365,000	USD	365,000	1.000%	Quarterly	Dec 2026	(1,564)	(3,821)	(5,385)
BARC	Republic of Peru	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(1,541)	(3,770)	(5,311)
BARC	Republic of South Africa	765,000	USD	765,000	1.000%	Quarterly	Dec 2026	36,414	(671)	35,743
BARC	Republic of Chile	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(3,703)	(2,526)	(6,229)
BARC	Republic of Chile	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(1,544)	(4,685)	(6,229)
BARC	Republic of Chile	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(1,712)	(4,517)	(6,229)
	Federative Republic of Brazil	20,000	USD	20,000	1.000%	Quarterly	Dec 2026	1,230	(1,276)	(46)
	Federative Republic of Brazil	390,000	USD	390,000	1.000%	Quarterly	Dec 2026	24,859	(7,513)	17,346
CITI	Government of Mexico	2,205,000	USD	2,205,000	1.000%	Quarterly	Dec 2026	(3,156)	(14,388)	(17,544)
CITI	Government of Mexico	10,000	USD	10,000	1.000%	Quarterly	Dec 2026	64	(1,041)	(977)
CITI	Government of Mexico	365,000	USD	365,000	1.000%	Quarterly	Dec 2026	2,331	(5,235)	(2,904)
CITI	Republic of Indonesia	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(3,761)	(1,505)	(5,266)
CITI	Republic of Peru	370,000	USD	370,000	1.000%	Quarterly	Dec 2026	(884)	(4,575)	(5,459)
CITI	Republic of Peru	370,000	USD	370,000	1.000%	Quarterly	Dec 2026	(2,660)	(2,799)	(5,459)
CITI	Republic of Peru	365,000	USD	365,000	1.000%	Quarterly	Dec 2026	(1,652)	(3,733)	(5,385)
CITI	Republic of Peru	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(385)	(4,926)	(5,311)
CITI	Republic of Chile	725,000	USD	725,000	1.000%	Quarterly	Dec 2026	(8,177)	(4,368)	(12,545)
GSI	Government of Malaysia	3,980,000	USD	3,980,000	1.000%	Quarterly	Dec 2026	(76,093)	(38,678)	(114,771)
GSI	Republic of Indonesia	2,345,000	USD	2,345,000	1.000%	Quarterly	Dec 2026	(17,195)	(17,109)	(34,304)
GSI	Republic of Indonesia	365,000	USD	365,000	1.000%	Quarterly	Dec 2026	(3,728)	(1,611)	(5,339)
GSI	Republic of Indonesia	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(2,343)	(2,923)	(5,266)
GSI	Republic of Peru	365,000	USD	365,000	1.000%	Quarterly	Dec 2026	(2,006)	(3,379)	(5,385)
GSI	Republic of Peru	365,000	USD	365,000	1.000%	Quarterly	Dec 2026	(1,921)	(3,464)	(5,385)
GSI	CMBX.NA.AAA.12	1,335,000	USD	1,335,000	0.500%	Monthly	Aug 2061	(7,230)	(1,781)	(9,011)
GSI	CMBX.NA.AAA.13	1,470,000	USD	1,470,000	0.500%	Monthly	Dec 2072	(5,981)	(956)	(6,937)
GSI	CMBX.NA.AAA.13	1,210,000	USD	1,210,000	0.500%	Monthly	Dec 2072	(4,703)	(1,007)	(5,710)
GSI	CMBX.NA.AAA.13	1,445,000	USD	1,445,000	0.500%	Monthly	Dec 2072	(5,341)	(896)	(6,237)
JPM	Republic of Korea	9,630,000	USD	9,630,000	1.000%	Quarterly	Dec 2024	(196,156)	(73,986)	(270,142)
MSI	Government of Japan	9,570,000	USD	9,570,000	1.000%	Quarterly	Dec 2024	(207,627)	(76,832)	(284,459)
MSI	Government of Malaysia	1,840,000	USD	1,840,000	1.000%	Quarterly	Dec 2025	(46,688)	(4,865)	(51,553)
	Federative Republic of Brazil	1,560,000	USD	1,560,000	1.000%	Quarterly	Dec 2026	74,672	(5,287)	69,385
	Federative Republic of Brazil	785,000	USD	785,000	1.000%	Quarterly	Dec 2026	48,921	(14,006)	34,915

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

Credit default swaps - Buyer (continued)

Counterparty (OTC)/ Centrally cleared	Reference obligation	Notional amount	Currency	USD notional amount	Pay fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
MSI	Federative Republic of Brazil	780,000	USD	\$780,000	1.000%	Quarterly	Dec 2026	\$51,220	\$(16,527)	\$34,693
MSI	Federative Republic of Brazil	500,000	USD	500,000	1.000%	Quarterly	Dec 2026	24,700	(1,197)	23,503
MSI	Government of Mexico	365,000	USD	365,000	1.000%	Quarterly	Dec 2026	432	(3,336)	(2,904)
MSI	Republic of Indonesia	5,000	USD	5,000	1.000%	Quarterly	Dec 2026	(50)	(23)	(73)
MSI	Republic of Indonesia	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(2,089)	(3,177)	(5,266)
MSI	Republic of Indonesia	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(2,726)	(2,540)	(5,266)
MSI	Republic of Peru	370,000	USD	370,000	1.000%	Quarterly	Dec 2026	(2,563)	(2,896)	(5,459)
MSI	Republic of Peru	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(684)	(4,627)	(5,311)
MSI	Republic of Peru	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(1,369)	(3,942)	(5,311)
MSI	Republic of Peru	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(1,626)	(3,685)	(5,311)
MSI	Republic of Peru	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(2,923)	(1,478)	(4,401)
MSI	Republic of Peru	540,000	USD	540,000	1.000%	Quarterly	Dec 2026	(5,151)	(1,451)	(6,602)
MSI	Republic of Chile	5,000	USD	5,000	1.000%	Quarterly	Dec 2026	(26)	(958)	(984)
MSI	Republic of Chile	360,000	USD	360,000	1.000%	Quarterly	Dec 2026	(2,486)	(3,743)	(6,229)
MSI	Republic of Chile	535,000	USD	535,000	1.000%	Quarterly	Dec 2026	(6,518)	(1,387)	(7,905)
MSI	CMBX.NA.AAA.12	1,280,000	USD	1,280,000	0.500%	Monthly	Aug 2061	(11,825)	3,167	(8,658)
MSI	CMBX.NA.BBB-.12	250,000	USD	250,000	3.000%	Monthly	Aug 2061	16,965	(4,806)	12,159
MSI	CMBX.NA.AAA.13	1,385,000	USD	1,385,000	0.500%	Monthly	Dec 2072	(7,564)	1,009	(6,555)
MSI	CMBX.NA.AAA.13	1,470,000	USD	1,470,000	0.500%	Monthly	Dec 2072	(4,471)	(2,466)	(6,937)
MSI	CMBX.NA.AAA.13	1,450,000	USD	1,450,000	0.500%	Monthly	Dec 2072	(4,834)	(1,344)	(6,178)
				\$58,505,000				\$(397,575)	\$(382,875)	\$(780,450)
Centrally cleared	CDX.NA.HY.37	665,000	USD	665,000	5.000%	Quarterly	Dec 2026	(62,072)	282	(61,790)
Centrally cleared	CDX.NA.IG.37	7,235,000	USD	7,235,000	1.000%	Quarterly	Dec 2026	(169,223)	(9,856)	(179,079)
Centrally cleared	iTraxx Europe Crossover Series 36 Version 1	2,005,000	EUR	2,265,815	5.000%	Quarterly	Dec 2026	(259,921)	(14,983)	(274,904)
Centrally cleared	iTraxx Europe Senior Financials Series 36 Version 1	7,480,000	EUR	8,610,561	1.000%	Quarterly	Dec 2026	(186,450)	(7,577)	(194,027)
Centrally cleared	iTraxx Europe Series 36 Version 1	6,210,000	EUR	7,039,540	1.000%	Quarterly	Dec 2026	(173,004)	(14,070)	(187,074)
Centrally cleared	iTraxx Europe Sub Financials Series 36 Version 1	5,760,000	EUR	6,639,762	1.000%	Quarterly	Dec 2026	24,460	(87)	24,373
				\$32,455,678				\$(826,210)	\$(46,291)	\$(872,501)
				\$90,960,678				\$(1,223,785)	\$(429,166)	\$(1,652,951)

Credit default swaps - Seller

Counterparty (OTC)/ Centrally cleared	Reference obligation	Implied credit spread	Notional amount	Currency	USD notional amount	Received fixed rate	Fixed payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
BARC	Republic of Panama	0.689%	125,000	USD	\$125,000	1.000%	Quarterly	Jun 2026	\$1,083	\$966	\$2,049
CITI	Republic of Panama	0.689%	125,000	USD	125,000	1.000%	Quarterly	Jun 2026	1,360	689	2,049
GSI	Republic of Panama	0.689%	110,000	USD	110,000	1.000%	Quarterly	Jun 2026	1,003	800	1,803
MSI	Republic of Panama	0.689%	120,000	USD	120,000	1.000%	Quarterly	Jun 2026	1,093	874	1,967
					\$480,000				\$4,539	\$3,329	\$7,868

Total return swaps

Pay/ receive total return*	Reference entity	Floating/ fixed rate	Payment frequency	Currency	Notional amount	Maturity date	Counterparty (OTC)	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Pay	iBoxx \$ Liquid Leveraged Loan Index	3-Month USD LIBOR	At Maturity	USD	1,450,000	Mar 2022	BARC	—	\$(14,676)	\$(14,676)
Pay	iBoxx \$ Liquid High Yield Index	3-Month USD LIBOR	At Maturity	USD	20,855,000	Sep 2022	GSI	—	(173,850)	(173,850)
Pay	iBoxx \$ Liquid High Yield Index	3-Month USD LIBOR	At Maturity	USD	165,000	Sep 2022	JPM	—	(1,290)	(1,290)

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

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

Total return swaps

Pay/ receive	Reference entity	Floating/ fixed rate	Payment frequency	Currency	Notional amount	Maturity date	Counterparty (OTC)	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
Pay	iBoxx \$ Liquid High Yield Index	3-Month USD LIBOR	At Maturity	USD	730,000	Sep 2022	MSI	—	\$(529)	\$(529)
								—	\$(190,345)	\$(190,345)

* Fund will pay or receive the total return of the reference asset depending on whether the return is positive or negative. For contracts where the fund has elected to receive the total return of the reference asset if positive, it will be responsible for paying the floating rate and the total return of the reference asset if negative. If the fund has elected to pay the total return of the reference asset if positive, it will receive the floating rate and the total return of the reference asset if negative.

Inflation swaps

Counterparty (OTC)/ Centrally cleared	Notional amount	Currency	USD notional amount	Payments made	Payments received	Fixed payment frequency	Floating payment frequency	Maturity date	Unamortized upfront payment paid (received)	Unrealized appreciation (depreciation)	Value
BOA	4,140,000	USD	\$4,140,000	Fixed 2.535%	USA CPI All Urban Consumers	At Maturity	At Maturity	Jun 2026	—	\$222,314	\$222,314
BOA	1,170,000	USD	1,170,000	Fixed 1.635%	USA CPI All Urban Consumers	At Maturity	At Maturity	Feb 2050	—	409,371	409,371
CITI	780,000	USD	780,000	Fixed 2.578%	USA CPI All Urban Consumers	At Maturity	At Maturity	Feb 2051	—	20,140	20,140
JPM	1,860,000	GBP	2,467,475	UK RPI	Fixed 4.405%	At Maturity	At Maturity	Dec 2031	—	77,766	77,766
JPM	2,330,000	USD	2,330,000	Fixed 1.830%	USA CPI All Urban Consumers	At Maturity	At Maturity	Feb 2050	\$(56,870)	724,096	667,226
			\$10,887,475						\$(56,870)	\$1,453,687	\$1,396,817

Derivatives Currency Abbreviations

AUD	Australian Dollar
BRL	Brazilian Real
CAD	Canadian Dollar
CHF	Swiss Franc
CLP	Chilean Peso
CNY	Chinese Yuan Renminbi
COP	Colombian Peso
CZK	Czech Republic Koruna
EUR	Euro
GBP	Pound Sterling
HKD	Hong Kong Dollar
HUF	Hungarian Forint
IDR	Indonesian Rupiah
ILS	Israeli New Shekel
INR	Indian Rupee
JPY	Japanese Yen
KRW	Korean Won
MXN	Mexican Peso
NOK	Norwegian Krone
NZD	New Zealand Dollar
PHP	Philippine Peso
PLN	Polish Zloty
RUB	Russian Ruble
SEK	Swedish Krona
SGD	Singapore Dollar
THB	Thai Bhat
TRY	Turkish Lira
USD	U.S. Dollar
ZAR	South African Rand

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Opportunistic Fixed Income Trust (continued)

Derivatives Abbreviations

BARC	Barclays Bank PLC
BBR	Bank Bill Rate
BOA	Bank of America, N.A.
CDOR	Canadian Dollar Offered Rate
CITI	Citibank, N.A.
CNREPOFIX	China Fixing Repo Rate
CORRA	Canadian Overnight Repo Rate Average
CPI	Consumer Price Index
GSI	Goldman Sachs International
JPM	JPMorgan Chase Bank, N.A.
LIBOR	London Interbank Offered Rate
MSI	Morgan Stanley & Co. International PLC
OIS	Overnight Index Swap
OTC	Over-the-counter
RPI	Retail Price Index
SONIA	Sterling Overnight Interbank Average Rate
TIIE	Tasa de Interes Interbancario de Equilibrio (Interbank Equilibrium Interest Rate)

See Notes to financial statements regarding investment transactions and other derivatives information.

Select Bond Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 31.0%		
U.S. Government – 12.8%		
U.S. Treasury Bonds		
1.875%, 11/15/2051	\$ 84,710,000	\$ 84,034,967
2.000%, 11/15/2041 to 08/15/2051	449,416,600	456,683,675
2.500%, 02/15/2045	115,800,000	127,348,336
3.000%, 02/15/2047	37,979,000	45,960,524
3.125%, 11/15/2041	45,799,000	55,035,728
U.S. Treasury Notes		
0.250%, 09/30/2023	9,126,000	9,061,833
0.375%, 10/31/2023 to 08/15/2024	72,805,000	72,263,474
0.500%, 11/30/2023	44,824,000	44,652,408
0.625%, 10/15/2024	36,825,000	36,525,797
1.250%, 11/30/2026	59,374,000	59,336,891
1.375%, 11/15/2031	5,809,000	5,735,480
		996,639,113
U.S. Government Agency – 18.2%		
Federal Home Loan Mortgage Corp.		
2.500%, 08/01/2050	61,984,465	63,788,263
3.000%, 03/01/2043 to 12/01/2049	113,612,532	119,723,707
3.500%, 04/01/2044 to 04/01/2047	67,777,083	72,989,329
4.000%, 03/01/2048 to 08/01/2048	16,767,410	18,090,991
Federal National Mortgage Association		
2.000%, TBA (A)	168,333,000	167,927,957
2.000%, 09/01/2050 to 02/01/2051	83,160,788	83,249,496
2.500%, TBA (A)	234,930,000	239,885,660
2.500%, 09/01/2050 to 11/01/2051	93,337,702	95,873,625
2.625%, 09/06/2024	8,300,000	8,682,573
3.000%, 01/01/2043 to 11/01/2049	144,239,963	151,921,503
3.500%, 06/01/2042 to 09/01/2049	158,112,785	169,281,106
4.000%, 09/01/2040 to 07/01/2049	162,662,066	177,321,082
4.500%, 12/01/2040 to 05/01/2042	39,331,404	43,125,263
Government National Mortgage Association		
4.000%, 10/15/2039 to 11/15/2041	2,931,165	3,172,583
		1,415,033,138
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$2,386,854,616)		\$ 2,411,672,251

Select Bond Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS – 0.5%		
Qatar – 0.3%		
State of Qatar		
3.375%, 03/14/2024 (B)	\$ 11,857,000	\$ 12,415,228
5.103%, 04/23/2048 (B)	8,410,000	11,378,562
		23,793,790
Saudi Arabia – 0.2%		
Kingdom of Saudi Arabia		
4.375%, 04/16/2029 (B)	14,979,000	17,182,411
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$35,622,682)		
		\$ 40,976,201
CORPORATE BONDS – 39.5%		
Communication services – 3.6%		
AT&T, Inc.		
2.300%, 06/01/2027	6,382,000	6,492,752
3.100%, 02/01/2043	34,206,000	33,253,037
3.500%, 06/01/2041	12,200,000	12,538,474
3.650%, 06/01/2051	3,738,000	3,871,240
Charter Communications Operating LLC		
4.200%, 03/15/2028	13,245,000	14,505,137
4.800%, 03/01/2050	15,472,000	17,322,978
5.750%, 04/01/2048	16,696,000	20,820,888
6.484%, 10/23/2045	13,673,000	18,671,674
Comcast Corp.		
4.150%, 10/15/2028	20,678,000	23,474,312
Level 3 Financing, Inc.		
3.400%, 03/01/2027 (B)	6,456,000	6,665,497
Telefonica Emisiones SA		
5.213%, 03/08/2047	16,102,000	19,990,926
T-Mobile USA, Inc.		
2.050%, 02/15/2028	12,548,000	12,455,237
2.550%, 02/15/2031	4,824,000	4,799,756
3.400%, 10/15/2052 (B)	16,859,000	16,781,219
3.750%, 04/15/2027	6,507,000	7,046,432
3.875%, 04/15/2030	13,891,000	15,193,330
4.500%, 04/15/2050	8,048,000	9,419,406
Verizon Communications, Inc.		
3.000%, 03/22/2027	2,177,000	2,300,380
4.329%, 09/21/2028	17,379,000	19,741,763
4.400%, 11/01/2034	7,740,000	9,015,474

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Verizon Communications, Inc. (continued) 4.500%, 08/10/2033	\$ 8,116,000	\$ 9,541,587
		283,901,499
Consumer discretionary – 3.3%		
Amazon.com, Inc. 4.050%, 08/22/2047	9,136,000	11,076,907
AutoNation, Inc. 4.750%, 06/01/2030	4,925,000	5,625,788
Booking Holdings, Inc. 4.625%, 04/13/2030	10,403,000	12,158,171
Choice Hotels International, Inc. 3.700%, 12/01/2029 to 01/15/2031	15,291,000	16,234,240
Daimler Finance North America LLC 3.500%, 08/03/2025 (B)	5,990,000	6,381,066
Daimler Trucks Finance North America LLC 1.625%, 12/13/2024 (B)	6,766,000	6,816,822
Dollar Tree, Inc. 4.200%, 05/15/2028	16,502,000	18,391,622
eBay, Inc. 2.700%, 03/11/2030	12,556,000	12,833,870
Expedia Group, Inc. 2.950%, 03/15/2031	6,373,000	6,363,950
3.250%, 02/15/2030	9,735,000	9,934,573
3.800%, 02/15/2028	16,524,000	17,666,619
4.625%, 08/01/2027	8,713,000	9,702,530
5.000%, 02/15/2026	10,710,000	11,911,378
General Motors Financial Company, Inc. 2.400%, 10/15/2028	17,219,000	17,171,015
3.600%, 06/21/2030	20,346,000	21,698,602
4.350%, 01/17/2027	8,868,000	9,769,006
Hyundai Capital America 1.000%, 09/17/2024 (B)	8,719,000	8,568,321
1.800%, 10/15/2025 (B)	4,018,000	3,996,270
2.375%, 10/15/2027 (B)	4,018,000	3,995,442
Marriott International, Inc. 2.850%, 04/15/2031	9,027,000	8,999,379
3.500%, 10/15/2032	5,228,000	5,475,046
4.625%, 06/15/2030	5,210,000	5,860,966
4.650%, 12/01/2028	13,237,000	14,844,098
Nissan Motor Acceptance Company LLC 1.125%, 09/16/2024 (B)	4,380,000	4,303,559
3.450%, 03/15/2023 (B)	3,950,000	4,053,104
		253,832,344
Consumer staples – 0.3%		
Anheuser-Busch InBev Worldwide, Inc. 4.600%, 04/15/2048	10,094,000	12,343,343
Cargill, Inc. 2.125%, 04/23/2030 (B)	4,306,000	4,258,293
Coca-Cola Femsa SAB de CV 2.750%, 01/22/2030	5,029,000	5,143,460
Constellation Brands, Inc. 3.150%, 08/01/2029	3,340,000	3,522,726
		25,267,822
Energy – 3.0%		
Aker BP ASA 2.875%, 01/15/2026 (B)	5,450,000	5,648,921
3.000%, 01/15/2025 (B)	6,211,000	6,436,635
4.000%, 01/15/2031 (B)	10,984,000	11,876,551
Coterra Energy, Inc. 4.375%, 06/01/2024 (B)	4,733,000	5,005,258
Diamondback Energy, Inc. 3.125%, 03/24/2031	5,548,000	5,718,045

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Enbridge, Inc. (5.750% to 4-15-30, then 5 Year CMT + 5.314%) 07/15/2080	\$ 8,820,000	\$ 9,790,200
Enbridge, Inc. (6.250% to 3-1-28, then 3 month LIBOR + 3.641%) 03/01/2078	8,767,000	9,515,562
Energy Transfer LP 4.200%, 04/15/2027	4,899,000	5,315,729
5.150%, 03/15/2045	5,400,000	6,102,394
5.250%, 04/15/2029	17,785,000	20,370,939
5.400%, 10/01/2047	8,136,000	9,547,296
5.500%, 06/01/2027	7,447,000	8,494,407
Enterprise Products Operating LLC (5.250% to 8-16-27, then 3 month LIBOR + 3.033%) 08/16/2077	12,660,000	12,924,839
Kinder Morgan Energy Partners LP 7.750%, 03/15/2032	4,555,000	6,375,583
Kinder Morgan, Inc. 4.300%, 03/01/2028	3,877,000	4,308,122
Lundin Energy Finance BV 2.000%, 07/15/2026 (B)	5,640,000	5,600,479
3.100%, 07/15/2031 (B)	8,003,000	8,060,054
Midwest Connector Capital Company LLC 3.900%, 04/01/2024 (B)	9,512,000	9,858,922
MPLX LP 4.000%, 03/15/2028	6,705,000	7,265,941
4.125%, 03/01/2027	2,551,000	2,790,989
4.250%, 12/01/2027	4,887,000	5,412,884
Sabine Pass Liquefaction LLC 4.200%, 03/15/2028	6,967,000	7,631,450
4.500%, 05/15/2030	13,283,000	14,983,529
5.000%, 03/15/2027	7,297,000	8,195,813
The Williams Companies, Inc. 3.750%, 06/15/2027	9,700,000	10,471,902
4.550%, 06/24/2024	17,539,000	18,768,530
TransCanada PipeLines, Ltd. 4.250%, 05/15/2028	6,220,000	6,936,146
		233,407,120
Financials – 12.1%		
Ares Capital Corp. 2.150%, 07/15/2026	11,802,000	11,640,991
2.875%, 06/15/2028	6,780,000	6,749,914
3.875%, 01/15/2026	8,615,000	9,079,296
4.200%, 06/10/2024	6,463,000	6,819,782
Ascot Group, Ltd. 4.250%, 12/15/2030 (B)	4,815,000	4,953,583
Athene Holding, Ltd. 3.500%, 01/15/2031	14,028,000	14,833,277
Australia & New Zealand Banking Group, Ltd. (6.750% to 6-15-26, then 5 Year ICE Swap Rate + 5.168%) 06/15/2026 (B)(C)	3,040,000	3,454,200
AXA SA 8.600%, 12/15/2030	2,474,000	3,569,162
Banco Santander SA 4.379%, 04/12/2028	7,600,000	8,474,768
Bank of America Corp. 3.248%, 10/21/2027	12,889,000	13,719,081
3.950%, 04/21/2025	11,322,000	12,102,099
Bank of America Corp. (2.087% to 6-14-28, then SOFR + 1.060%) 06/14/2029	12,755,000	12,665,347
Bank of America Corp. (2.592% to 4-29-30, then SOFR + 2.150%) 04/29/2031	12,322,000	12,447,375

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Bank of America Corp. (2.687% to 4-22-31, then SOFR + 1.320%) 04/22/2032	\$ 19,364,000	\$ 19,651,097
Bank of America Corp. (4.271% to 7-23-28, then 3 month LIBOR + 1.310%) 07/23/2029	17,187,000	19,162,500
Barclays PLC 4.375%, 01/12/2026	7,380,000	8,067,797
Blackstone Private Credit Fund 2.350%, 11/22/2024 (B)	7,493,000	7,487,223
3.250%, 03/15/2027 (B)	1,690,000	1,707,456
BPCE SA 4.500%, 03/15/2025 (B)	7,805,000	8,410,281
Cantor Fitzgerald LP 4.875%, 05/01/2024 (B)	9,631,000	10,285,463
Capital One Financial Corp. (1.343% to 12-6-23, then SOFR + 0.690%) 12/06/2024	9,055,000	9,109,716
Citigroup, Inc. 3.200%, 10/21/2026	14,418,000	15,278,585
4.600%, 03/09/2026	17,394,000	19,182,998
Citigroup, Inc. (2.561% to 5-1-31, then SOFR + 1.167%) 05/01/2032	5,665,000	5,694,377
Citizens Financial Group, Inc. 3.250%, 04/30/2030	12,256,000	12,940,813
CNA Financial Corp. 2.050%, 08/15/2030	4,015,000	3,887,675
CNO Financial Group, Inc. 5.250%, 05/30/2029	10,165,000	11,673,472
Credit Agricole SA 2.811%, 01/11/2041 (B)	5,816,000	5,565,002
3.250%, 01/14/2030 (B)	12,902,000	13,359,597
Credit Suisse Group AG 3.574%, 01/09/2023 (B)	3,256,000	3,256,919
Deutsche Bank AG 0.962%, 11/08/2023	12,361,000	12,338,995
Deutsche Bank AG (2.311% to 11-16-26, then SOFR + 1.219%) 11/16/2027	7,009,000	7,005,878
Discover Financial Services 4.100%, 02/09/2027	4,203,000	4,555,572
GE Capital International Funding Company 4.418%, 11/15/2035	9,626,000	11,487,285
Hercules Capital, Inc. 2.625%, 09/16/2026	6,215,000	6,159,938
Jefferies Group LLC 4.150%, 01/23/2030	9,200,000	10,199,125
4.850%, 01/15/2027	10,843,000	12,299,288
JPMorgan Chase & Co. 2.950%, 10/01/2026	14,806,000	15,629,855
JPMorgan Chase & Co. (2.522% to 4-22-30, then SOFR + 2.040%) 04/22/2031	12,793,000	12,930,302
JPMorgan Chase & Co. (2.956% to 5-13-30, then SOFR + 2.515%) 05/13/2031	12,141,000	12,570,471
JPMorgan Chase & Co. (3.960% to 1-29-26, then 3 month LIBOR + 1.245%) 01/29/2027	11,699,000	12,640,611
JPMorgan Chase & Co. (4.600% to 2-1-25, then SOFR + 3.125%) 02/01/2025 (C)	9,375,000	9,621,094
JPMorgan Chase & Co. (6.750% to 2-1-24, then 3 month LIBOR + 3.780%) 02/01/2024 (C)	12,306,000	13,338,166

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Lazard Group LLC 4.375%, 03/11/2029	\$ 7,100,000	\$ 8,007,051
Lloyds Banking Group PLC 4.450%, 05/08/2025	19,070,000	20,714,546
M&T Bank Corp. (5.125% to 11-1-26, then 3 month LIBOR + 3.520%) 11/01/2026 (C)(D)	3,746,000	4,010,643
Macquarie Bank, Ltd. 3.624%, 06/03/2030 (B)	6,523,000	6,805,726
4.875%, 06/10/2025 (B)	7,810,000	8,517,056
MetLife, Inc. (6.400% to 12-15-36, then 3 month LIBOR + 2.205%) 12/15/2036	7,277,000	8,952,278
MetLife, Inc. (9.250% to 4-8-38, then 3 month LIBOR + 5.540%) 04/08/2038 (B)	2,567,000	3,800,286
Morgan Stanley 3.875%, 01/27/2026	8,532,000	9,225,916
Morgan Stanley (2.188% to 4-28-25, then SOFR + 1.990%) 04/28/2026	22,984,000	23,434,877
Morgan Stanley (2.484% to 9-16-31, then SOFR + 1.360%) 09/16/2036	14,062,000	13,541,001
NatWest Group PLC (3.754% to 11-1-24, then 5 Year CMT + 2.100%) 11/01/2029	4,512,000	4,704,678
NatWest Markets PLC 1.600%, 09/29/2026 (B)	12,231,000	12,030,709
New York Life Insurance Company 3.750%, 05/15/2050 (B)	5,384,000	6,127,437
Nippon Life Insurance Company (2.750% to 1-21-31, then 5 Year CMT + 2.653%) 01/21/2051 (B)	13,599,000	13,327,020
Nippon Life Insurance Company (5.100% to 10-16-24, then 5 Year U.S. Swap Rate + 3.650%) 10/16/2044 (B)	5,325,000	5,731,031
Nordea Bank ABP (3.750% to 3-1-29, then 5 Year CMT + 2.602%) 03/01/2029 (B)(C)	11,616,000	11,011,968
Oaktree Specialty Lending Corp. 2.700%, 01/15/2027	14,277,000	14,166,419
Ohio National Financial Services, Inc. 5.800%, 01/24/2030 (B)	3,660,000	4,144,283
PNC Bank NA 4.050%, 07/26/2028	2,690,000	3,016,593
Prudential Financial, Inc. (3.700% to 7-1-30, then 5 Year CMT + 3.035%) 10/01/2050	23,906,000	24,183,015
Prudential Financial, Inc. (5.875% to 9-15-22, then 3 month LIBOR + 4.175%) 09/15/2042	14,691,000	15,014,667
Santander Holdings USA, Inc. 3.244%, 10/05/2026	16,909,000	17,648,898
3.450%, 06/02/2025	15,455,000	16,214,476
3.500%, 06/07/2024	11,289,000	11,766,626
4.400%, 07/13/2027	3,574,000	3,918,350
SBL Holdings, Inc. 5.000%, 02/18/2031 (B)	7,908,000	8,354,427
SVB Financial Group 3.125%, 06/05/2030	7,717,000	8,098,901
Teachers Insurance & Annuity Association of America 4.270%, 05/15/2047 (B)	9,222,000	11,138,603
The Bank of New York Mellon Corp. 0.850%, 10/25/2024 (D)	27,732,000	27,497,689

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
The Goldman Sachs Group, Inc. 3.850%, 01/26/2027	\$ 19,136,000	\$ 20,566,837
The Goldman Sachs Group, Inc. (2.615% to 4-22-31, then SOFR + 1.281%) 04/22/2032	22,533,000	22,694,824
The PNC Financial Services Group, Inc. (3 month LIBOR + 3.678%) 3.803%, 02/01/2022 (C)(E)	11,183,000	11,128,189
The PNC Financial Services Group, Inc. (3.400% to 9-15-26, then 5 Year CMT + 2.595%) 09/15/2026 (C)	12,274,000	12,080,562
The PNC Financial Services Group, Inc. (4.850% to 6-1-23, then 3 month LIBOR + 3.040%) 06/01/2023 (C)	4,314,000	4,400,280
Unum Group 4.125%, 06/15/2051	3,701,000	3,756,487
Wells Fargo & Company 3.550%, 09/29/2025	18,013,000	19,194,213
Wells Fargo & Company (2.393% to 6-2-27, then SOFR + 2.100%) 06/02/2028	19,183,000	19,496,238
Wells Fargo & Company (2.879% to 10-30-29, then SOFR + 1.432%) 10/30/2030	14,423,000	14,993,982
Wells Fargo & Company (3.068% to 4-30-40, then SOFR + 2.530%) 04/30/2041	9,762,000	10,011,175
Wells Fargo & Company (5.875% to 6-15-25, then 3 month LIBOR + 3.990%) 06/15/2025 (C)	22,240,000	24,297,200
Zions Bancorp NA 3.250%, 10/29/2029	18,340,000	18,960,547
		942,692,130
Health care – 2.4%		
AbbVie, Inc. 3.200%, 11/21/2029	33,371,000	35,680,023
AmerisourceBergen Corp. 2.800%, 05/15/2030	9,144,000	9,441,670
Anthem, Inc. 2.250%, 05/15/2030	3,522,000	3,509,426
Cottage Health Obligated Group 3.304%, 11/01/2049	12,102,000	13,002,053
CVS Health Corp. 2.700%, 08/21/2040	6,008,000	5,786,674
3.750%, 04/01/2030	7,993,000	8,763,147
4.300%, 03/25/2028	4,269,000	4,790,617
5.050%, 03/25/2048	11,164,000	14,596,236
Fresenius Medical Care US Finance III, Inc. 2.375%, 02/16/2031 (B)	13,464,000	12,865,418
3.750%, 06/15/2029 (B)	12,965,000	13,847,872
HCA, Inc. 4.125%, 06/15/2029	13,127,000	14,444,640
Premier Health Partners 2.911%, 11/15/2026	5,337,000	5,447,214
Royalty Pharma PLC 1.750%, 09/02/2027	4,117,000	4,044,852
Universal Health Services, Inc. 1.650%, 09/01/2026 (B)	7,142,000	7,009,943
2.650%, 10/15/2030 (B)	7,813,000	7,749,747
Viatis, Inc. 2.300%, 06/22/2027	4,139,000	4,163,124
2.700%, 06/22/2030	9,367,000	9,400,235
4.000%, 06/22/2050	10,136,000	10,795,707
		185,338,598

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials – 5.2%		
Adani Ports & Special Economic Zone, Ltd. 3.100%, 02/02/2031 (B)	\$ 6,679,000	\$ 6,357,326
AerCap Ireland Capital DAC 1.650%, 10/29/2024	12,528,000	12,505,275
1.750%, 01/30/2026	9,702,000	9,515,835
2.450%, 10/29/2026	12,708,000	12,812,205
2.875%, 08/14/2024	9,926,000	10,209,534
3.650%, 07/21/2027	3,468,000	3,654,650
Air Canada 2013-1 Class A Pass Through Trust 4.125%, 05/15/2025 (B)	2,690,237	2,715,776
Air Canada 2017-1 Class B Pass Through Trust 3.700%, 01/15/2026 (B)	3,997,936	3,848,937
Air Lease Corp. 2.100%, 09/01/2028	4,481,000	4,321,557
2.875%, 01/15/2026	4,391,000	4,529,053
3.625%, 12/01/2027	4,932,000	5,192,291
Alaska Airlines 2020-1 Class B Pass Through Trust 8.000%, 08/15/2025 (B)	12,102,959	13,441,646
American Airlines 2016-1 Class A Pass Through Trust 4.100%, 01/15/2028	7,939,384	7,690,425
American Airlines 2016-1 Class AA Pass Through Trust 3.575%, 01/15/2028	6,952,083	7,020,235
American Airlines 2017-1 Class A Pass Through Trust 4.000%, 02/15/2029	5,277,344	5,176,635
American Airlines 2017-1 Class AA Pass Through Trust 3.650%, 02/15/2029	6,066,406	6,287,572
American Airlines 2017-2 Class A Pass Through Trust 3.600%, 10/15/2029	4,632,414	4,484,843
American Airlines 2019-1 Class A Pass Through Trust 3.500%, 02/15/2032	4,841,635	4,573,153
American Airlines 2019-1 Class AA Pass Through Trust 3.150%, 02/15/2032	7,253,265	7,319,907
American Airlines 2021-1 Class A Pass Through Trust 2.875%, 07/11/2034	4,290,000	4,249,158
Ashtead Capital, Inc. 1.500%, 08/12/2026 (B)	4,620,000	4,535,217
4.250%, 11/01/2029 (B)	4,031,000	4,300,237
British Airways 2013-1 Class A Pass Through Trust 4.625%, 06/20/2024 (B)	2,711,195	2,811,258
British Airways 2018-1 Class A Pass Through Trust 4.125%, 09/20/2031 (B)	1,558,429	1,568,860
British Airways 2020-1 Class A Pass Through Trust 4.250%, 11/15/2032 (B)	2,553,991	2,717,125
British Airways 2020-1 Class B Pass Through Trust 8.375%, 11/15/2028 (B)	3,568,173	4,096,924
Continental Airlines 2007-1 Class A Pass Through Trust 5.983%, 04/19/2022	618,847	623,661

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
CoStar Group, Inc. 2.800%, 07/15/2030 (B)	\$ 10,366,000	\$ 10,368,450
DAE Funding LLC 3.375%, 03/20/2028 (B)	11,546,000	11,661,460
Delta Air Lines, Inc. 2.900%, 10/28/2024 3.800%, 04/19/2023 4.375%, 04/19/2028 (D) 4.500%, 10/20/2025 (B) 4.750%, 10/20/2028 (B)	15,545,000 6,835,000 9,405,000 2,059,000 3,684,000	15,850,227 6,988,246 10,020,006 2,164,033 4,022,859
GXO Logistics, Inc. 2.650%, 07/15/2031 (B)	18,285,000	18,059,363
Huntington Ingalls Industries, Inc. 4.200%, 05/01/2030	9,417,000	10,488,717
IHS Markit, Ltd. 4.000%, 03/01/2026 (B) 4.750%, 02/15/2025 (B) 4.750%, 08/01/2028	8,327,000 2,050,000 4,190,000	8,998,739 2,231,938 4,855,163
JetBlue 2019-1 Class AA Pass Through Trust 2.750%, 05/15/2032	7,204,698	7,253,925
Owens Corning 3.950%, 08/15/2029	8,341,000	9,138,132
Quanta Services, Inc. 0.950%, 10/01/2024	4,323,000	4,276,091
SMBC Aviation Capital Finance DAC 2.300%, 06/15/2028 (B)	3,894,000	3,861,159
The Boeing Company 3.200%, 03/01/2029 5.040%, 05/01/2027 5.150%, 05/01/2030 5.805%, 05/01/2050	8,456,000 13,070,000 9,011,000 6,872,000	8,702,769 14,716,750 10,498,725 9,305,553
United Airlines 2014-2 Class A Pass Through Trust 3.750%, 09/03/2026	10,073,615	10,487,910
United Airlines 2016-1 Class A Pass Through Trust 3.450%, 07/07/2028	8,907,908	8,903,897
United Airlines 2016-1 Class B Pass Through Trust 3.650%, 01/07/2026	8,875,434	8,763,649
United Airlines 2018-1 Class B Pass Through Trust 4.600%, 03/01/2026	2,706,422	2,698,197
United Airlines 2019-1 Class A Pass Through Trust 4.550%, 08/25/2031	6,635,823	7,133,464
United Airlines 2020-1 Class A Pass Through Trust 5.875%, 10/15/2027	16,995,590	18,565,357
United Airlines 2020-1 Class B Pass Through Trust 4.875%, 01/15/2026	4,052,674	4,204,921
US Airways 2010-1 Class A Pass Through Trust 6.250%, 04/22/2023	1,547,827	1,577,661
US Airways 2012-1 Class A Pass Through Trust 5.900%, 10/01/2024	6,922,703	7,236,066
US Airways 2012-2 Class A Pass Through Trust 4.625%, 06/03/2025	3,580,458	3,544,563
		403,137,285

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology – 4.7%		
Autodesk, Inc. 2.850%, 01/15/2030	\$ 4,681,000	\$ 4,831,345
Broadcom, Inc. 3.419%, 04/15/2033 (B) 4.750%, 04/15/2029 5.000%, 04/15/2030	13,948,000 33,211,000 14,161,000	14,621,716 37,804,119 16,486,579
CDW LLC 3.569%, 12/01/2031	10,020,000	10,424,658
CGI, Inc. 1.450%, 09/14/2026 (B)	8,030,000	7,852,187
Citrix Systems, Inc. 1.250%, 03/01/2026	13,442,000	13,090,889
Dell International LLC 3.450%, 12/15/2051 (B) 4.900%, 10/01/2026 5.300%, 10/01/2029 5.850%, 07/15/2025 8.350%, 07/15/2046	15,410,000 12,456,000 11,357,000 4,251,000 2,108,000	14,795,209 14,029,485 13,312,607 4,818,280 3,504,566
Hewlett Packard Enterprise Company 4.900%, 10/15/2025	10,479,000	11,624,898
KLA Corp. 4.100%, 03/15/2029	7,616,000	8,596,797
Marvell Technology, Inc. 2.450%, 04/15/2028	11,200,000	11,359,202
Micron Technology, Inc. 4.185%, 02/15/2027 4.975%, 02/06/2026 5.327%, 02/06/2029	22,492,000 5,650,000 19,168,000	24,631,214 6,273,195 22,703,538
Motorola Solutions, Inc. 2.300%, 11/15/2030 2.750%, 05/24/2031 4.600%, 05/23/2029	11,690,000 9,922,000 3,233,000	11,293,579 9,939,867 3,693,727
NXP BV 3.250%, 05/11/2041 (B) 3.875%, 06/18/2026 (B)	3,717,000 12,831,000	3,841,759 13,847,752
Oracle Corp. 2.950%, 04/01/2030	18,106,000	18,311,792
PayPal Holdings, Inc. 2.850%, 10/01/2029	13,135,000	13,823,697
Qorvo, Inc. 1.750%, 12/15/2024 (B) 3.375%, 04/01/2031 (B)	6,016,000 5,277,000	6,019,868 5,371,669
Renesas Electronics Corp. 1.543%, 11/26/2024 (B)	6,826,000	6,777,714
VeriSign, Inc. 2.700%, 06/15/2031	5,582,000	5,609,910
VMware, Inc. 4.700%, 05/15/2030	12,282,000	14,294,505
Western Digital Corp. 3.100%, 02/01/2032	10,461,000	10,537,365
		364,123,688
Materials – 0.8%		
Anglo American Capital PLC 4.750%, 04/10/2027 (B)	5,485,000	6,100,121
Berry Global, Inc. 1.570%, 01/15/2026	9,564,000	9,358,565
Braskem Netherlands Finance BV 5.875%, 01/31/2050 (B)	4,219,000	4,862,398
Colonial Enterprises, Inc. 3.250%, 05/15/2030 (B)	21,491,000	22,634,111
Inversiones CMPC SA 3.850%, 01/13/2030 (B)	3,668,000	3,823,890
Newmont Corp. 2.800%, 10/01/2029	3,464,000	3,561,659

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Materials (continued)		
Orbia Advance Corp. SAB de CV 5.500%, 01/15/2048 (B)	\$ 3,490,000	\$ 4,074,610
Vulcan Materials Company 3.500%, 06/01/2030	6,839,000	7,386,814
		61,802,168
Real estate – 2.6%		
American Homes 4 Rent LP 4.250%, 02/15/2028	4,327,000	4,793,456
American Tower Corp. 3.550%, 07/15/2027	14,505,000	15,493,898
	6,600,000	7,180,185
Crown Castle International Corp. 3.300%, 07/01/2030	3,145,000	3,317,365
	11,831,000	12,709,648
	3,800%, 02/15/2028	4,658,000
CyrusOne LP 2.150%, 11/01/2030	3,797,000	3,757,397
	3,450%, 11/15/2029	8,590,000
Equinix, Inc. 1.550%, 03/15/2028	9,456,000	9,095,269
	1,800%, 07/15/2027	5,384,000
	2,500%, 05/15/2031	14,515,000
	3,200%, 11/18/2029	12,260,000
GLP Capital LP 3.250%, 01/15/2032	3,361,000	3,379,116
	5.375%, 04/15/2026	7,596,000
Host Hotels & Resorts LP 3.375%, 12/15/2029	10,874,000	11,083,043
	3.500%, 09/15/2030	7,110,000
	3.875%, 04/01/2024	17,397,000
	4.000%, 06/15/2025	13,557,000
	4.500%, 02/01/2026	4,859,000
SBA Tower Trust 2.328%, 01/15/2028 (B)	21,448,000	21,891,114
	2.836%, 01/15/2025 (B)	7,899,000
Ventas Realty LP 3.500%, 02/01/2025	4,775,000	5,033,572
		206,455,672
Utilities – 1.5%		
ABY Transmission Sur SA 6.875%, 04/30/2043 (B)	2,550,719	3,293,616
AES Panama Generation Holdings SRL 4.375%, 05/31/2030 (B)	5,952,000	6,197,580
Dominion Energy, Inc. 3.375%, 04/01/2030	6,792,000	7,207,755
Emera US Finance LP 3.550%, 06/15/2026	6,192,000	6,585,823
Engie Energia Chile SA 3.400%, 01/28/2030 (B)	8,250,000	8,353,125
Infraestructura Energetica Nova SAB de CV 4.750%, 01/15/2051 (B)	3,758,000	3,725,155
NiSource, Inc. 1.700%, 02/15/2031	27,237,000	25,428,636
	3.600%, 05/01/2030	4,887,000
NRG Energy, Inc. 2.450%, 12/02/2027 (B)	7,276,000	7,209,491
	4.450%, 06/15/2029 (B)	5,451,000
Vistra Operations Company LLC 3.550%, 07/15/2024 (B)	12,479,000	12,850,574
	3.700%, 01/30/2027 (B)	13,509,000

Select Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
Vistra Operations Company LLC (continued) 4.300%, 07/15/2029 (B)	\$ 11,424,000	\$ 12,216,686
		118,273,147
TOTAL CORPORATE BONDS (Cost \$2,977,567,658)		\$ 3,078,231,473
MUNICIPAL BONDS – 1.8%		
Alabama Federal Aid Highway Finance Authority 1.547%, 09/01/2027	14,186,000	14,137,604
City of New York, GO 0.982%, 08/01/2025	12,545,000	12,381,921
Foothill-Eastern Transportation Corridor Agency (California) 4.094%, 01/15/2049	8,396,000	9,024,559
Golden State Tobacco Securitization Corp. (California) 4.214%, 06/01/2050	4,975,000	4,974,738
Maryland Health & Higher Educational Facilities Authority 3.197%, 07/01/2050	14,500,000	15,122,940
Mississippi Hospital Equipment & Facilities Authority 3.720%, 09/01/2026	7,677,000	7,922,632
New Jersey Transportation Trust Fund Authority 4.081%, 06/15/2039	9,117,000	10,107,784
	4.131%, 06/15/2042	790,000
Ohio Turnpike & Infrastructure Commission 3.216%, 02/15/2048	6,950,000	7,083,063
Port Authority of New York & New Jersey 1.086%, 07/01/2023	19,174,000	19,276,180
Regents of the University of California Medical Center Pooled Revenue 3.006%, 05/15/2050	14,500,000	14,918,937
State Board of Administration Finance Corp. (Florida) 1.705%, 07/01/2027	12,324,000	12,293,216
University of California 1.316%, 05/15/2027	14,360,000	14,100,460
TOTAL MUNICIPAL BONDS (Cost \$140,065,864)		\$ 142,228,651
COLLATERALIZED MORTGAGE OBLIGATIONS – 8.6%		
Commercial and residential – 7.5%		
Angel Oak Mortgage Trust LLC Series 2020-R1, Class A1, 0.990%, 04/25/2053 (B)(F)	5,474,625	5,459,510
Series 2021-2, Class A1, 0.985%, 04/25/2066 (B)(F)	3,820,168	3,775,705
Series 2021-4, Class A1, 1.035%, 01/20/2065 (B)(F)	8,233,845	8,124,996
Series 2021-5, Class A1, 0.951%, 07/25/2066 (B)(F)	9,679,894	9,543,334
Arroyo Mortgage Trust Series 2021-1R, Class A1 1.175%, 10/25/2048 (B)(F)	6,399,585	6,362,601
BAMLL Commercial Mortgage Securities Trust Series 2015-200P, Class A, 3.218%, 04/14/2033 (B)	5,706,000	5,953,911
Series 2015-200P, Class C, 3.596%, 04/14/2033 (B)(F)	6,760,000	6,975,566

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
BBCMS Mortgage Trust Series 2020-C6, Class A2 2.690%, 02/15/2053	\$ 4,700,000	\$ 4,812,354
Benchmark Mortgage Trust Series 2018-B1, Class A2, 3.571%, 01/15/2051	9,660,538	9,811,963
Series 2019-B12, Class A2, 3.001%, 08/15/2052	8,685,000	8,943,872
BRAVO Residential Funding Trust Series 2021-NQM1, Class A1 0.941%, 02/25/2049 (B)(F)	3,874,618	3,843,800
BX Commercial Mortgage Trust Series 2018-BIOA, Class D (1 month LIBOR + 1.321%), 1.427%, 03/15/2037 (B)(E)	7,009,498	6,980,805
Series 2020-VKNG, Class A (1 month LIBOR + 0.930%), 1.036%, 10/15/2037 (B)(E)	7,957,812	7,957,811
Series 2021-ACNT, Class A (1 month LIBOR + 0.850%), 0.950%, 11/15/2026 (B)(E)	5,198,000	5,190,654
Series 2021-CIP, Class A (1 month LIBOR + 0.921%), 1.021%, 12/15/2028 (B)(E)	14,331,000	14,326,679
Series 2021-VOLT, Class C (1 month LIBOR + 1.100%), 1.200%, 09/15/2036 (B)(E)	7,399,000	7,353,115
BX Trust Series 2021-MFM1, Class D (1 month LIBOR + 1.500%) 1.606%, 01/15/2034 (B)(E)	2,033,000	2,001,157
BXHPP Trust Series 2021-FILM, Class C (1 month LIBOR + 1.100%) 1.196%, 08/15/2036 (B)(E)	17,743,000	17,531,108
CAMB Commercial Mortgage Trust Series 2019-LIFE, Class D (1 month LIBOR + 1.750%) 1.834%, 12/15/2037 (B)(E)	1,944,000	1,942,212
Cantor Commercial Real Estate Lending Series 2019-CF1, Class A2 3.623%, 05/15/2052	11,096,000	11,542,268
Citigroup Commercial Mortgage Trust Series 2019-PRM, Class A, 3.341%, 05/10/2036 (B)	6,695,000	6,940,398
Series 2019-SMRT, Class A, 4.149%, 01/10/2036 (B)	3,645,000	3,821,595
Series 2020-GC46, Class A2, 2.708%, 02/15/2053	13,170,000	13,476,694
COLT Mortgage Loan Trust Series 2020-1, Class A1, 2.488%, 02/25/2050 (B)(F)	1,081,365	1,080,218
Series 2021-2, Class A1, 0.924%, 08/25/2066 (B)(F)	7,213,582	7,111,418
Series 2021-3, Class A1, 0.956%, 09/27/2066 (B)(F)	9,989,262	9,830,675
Series 2021-HX1, Class A1, 1.110%, 10/25/2066 (B)(F)	8,400,484	8,285,707
COLT Trust Series 2020-RPL1, Class A1 1.390%, 01/25/2065 (B)(F)	11,686,013	11,512,706

Select Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG) Series 2020-CX, Class D 2.683%, 11/10/2046 (B)(F)	\$ 4,291,000	\$ 4,124,017
Commercial Mortgage Trust (Deutsche Bank AG) Series 2020-CBM, Class A2 2.896%, 02/10/2037 (B)	5,531,000	5,589,087
Credit Suisse Mortgage Capital Certificates Series 2019-ICE4, Class B (1 month LIBOR + 1.230%), 1.336%, 05/15/2036 (B)(E)	3,709,000	3,704,954
Series 2019-ICE4, Class D (1 month LIBOR + 1.600%), 1.684%, 05/15/2036 (B)(E)	5,837,000	5,815,035
Series 2020-NET, Class A, 2.257%, 08/15/2037 (B)	2,236,000	2,253,750
Series 2021-AFC1, Class A1, 0.830%, 03/25/2056 (B)(F)	13,768,647	13,591,590
Series 2021-NQM2, Class A1, 1.179%, 02/25/2066 (B)(F)	6,636,735	6,570,391
Series 2021-NQM3, Class A1, 1.015%, 04/25/2066 (B)(F)	5,495,863	5,403,350
Series 2021-NQM5, Class A1, 0.938%, 05/25/2066 (B)(F)	5,149,723	5,064,247
Series 2021-NQM6, Class A1, 1.174%, 07/25/2066 (B)(F)	8,397,871	8,299,306
Series 2021-RPL2, Class A1A, 1.115%, 01/25/2060 (B)(F)	13,634,194	13,278,763
DBJPM Mortgage Trust Series 2020-C9, Class A2 1.900%, 08/15/2053	8,675,000	8,650,412
Deephaven Residential Mortgage Trust Series 2021-2, Class A1 0.899%, 04/25/2066 (B)(F)	8,648,637	8,503,172
Ellington Financial Mortgage Trust Series 2021-1, Class A1, 0.797%, 02/25/2066 (B)(F)	3,145,046	3,116,590
Series 2021-2, Class A1, 0.931%, 06/25/2066 (B)(F)	5,950,910	5,837,143
Flagstar Mortgage Trust Series 2021-1, Class A2 2.500%, 02/01/2051 (B)(F)	10,928,534	10,935,211
GCAT Trust Series 2021-NQM1, Class A1, 0.874%, 01/25/2066 (B)(F)	5,857,442	5,798,119
Series 2021-NQM2, Class A1, 1.036%, 05/25/2066 (B)(F)	4,666,543	4,636,963
Series 2021-NQM3, Class A1, 1.091%, 05/25/2066 (B)(F)	7,738,196	7,658,703
GS Mortgage Securities Trust Series 2013-GC12, Class A3, 2.860%, 06/10/2046	11,611,000	11,777,515
Series 2019-GC40, Class A2, 2.971%, 07/10/2052	6,505,000	6,701,491
Series 2020-UPTN, Class A, 2.751%, 02/10/2037 (B)	5,820,000	5,943,296
Series 2021-STAR, Class A (1 month LIBOR + 0.950%), 1.050%, 12/15/2036 (B)(E)	13,304,000	13,303,999

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
GS Mortgage-Backed Securities Trust		
Series 2020-NQM1, Class A1, 1.382%, 09/27/2060 (B)(F)	\$ 2,020,080	\$ 2,006,948
Series 2021-NQM1, Class A1, 1.017%, 07/25/2061 (B)(F)	3,885,224	3,850,438
Imperial Fund Mortgage Trust		
Series 2021-NQM1, Class A1 1.071%, 06/25/2056 (B)(F)	4,702,831	4,633,682
Irvine Core Office Trust		
Series 2013-IRV, Class A2 3.174%, 05/15/2048 (B)(F)	6,620,000	6,782,013
JPMCC Commercial Mortgage Securities Trust		
Series 2019-COR5, Class A2 3.150%, 06/13/2052	17,510,000	17,948,417
KNDL Mortgage Trust		
Series 2019-KNSQ, Class C (1 month LIBOR + 1.050%) 1.156%, 05/15/2036 (B)(E)	7,485,000	7,466,151
Life Mortgage Trust		
Series 2021-BMR, Class A (1 month LIBOR + 0.700%), 0.806%, 03/15/2038 (B)(E)	7,467,000	7,450,772
Series 2021-BMR, Class D (1 month LIBOR + 1.400%), 1.506%, 03/15/2038 (B)(E)	5,822,000	5,763,548
MFA Trust		
Series 2020-NQM3, Class A1, 1.014%, 01/26/2065 (B)(F)	3,442,110	3,423,753
Series 2021-INV1, Class A1, 0.852%, 01/25/2056 (B)(F)	9,525,714	9,468,450
Series 2021-NQM1, Class A1, 1.153%, 04/25/2065 (B)(F)	4,928,215	4,899,654
Morgan Stanley Capital I Trust		
Series 2017-CLS, Class D (1 month LIBOR + 1.400%) 1.506%, 11/15/2034 (B)(E)	5,105,000	5,096,979
New Residential Mortgage Loan Trust		
Series 2020-1A, Class A1B 3.500%, 10/25/2059 (B)(F)	3,548,387	3,679,440
NMLT Trust		
Series 2021-INV1, Class A1 1.185%, 05/25/2056 (B)(F)	11,948,026	11,774,990
OBX Trust		
Series 2020-EXP2, Class A3, 2.500%, 05/25/2060 (B)(F)	3,163,707	3,171,735
Series 2021-NQM2, Class A1, 1.101%, 05/25/2061 (B)(F)	8,308,315	8,237,967
Series 2021-NQM3, Class A1, 1.054%, 07/25/2061 (B)(F)	9,192,120	9,068,097
Provident Funding Mortgage Trust		
Series 2020-F1, Class A2 2.000%, 01/25/2036 (B)(F)	9,705,359	9,570,845
SLG Office Trust		
Series 2021-OVA, Class C 2.851%, 07/15/2041 (B)	13,468,000	13,581,231
Starwood Mortgage Residential Trust		
Series 2020-3, Class A1, 1.486%, 04/25/2065 (B)(F)	2,679,053	2,679,711
Series 2021-2, Class A1, 0.943%, 05/25/2065 (B)(F)	6,210,637	6,163,600

Select Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
Commercial and residential (continued)		
Verus Securitization Trust		
Series 2020-5, Class A1, 1.218%, 05/25/2065 (B)	\$ 2,618,211	\$ 2,606,809
Series 2021-1, Class A1, 0.815%, 01/25/2066 (B)(F)	6,457,180	6,393,049
Series 2021-3, Class A1, 1.046%, 06/25/2066 (B)(F)	8,218,162	8,122,923
Series 2021-4, Class A1, 0.938%, 07/25/2066 (B)(F)	4,058,310	3,977,859
Series 2021-5, Class A1, 1.013%, 09/25/2066 (B)(F)	7,321,682	7,189,178
Series 2021-R1, Class A1, 0.820%, 10/25/2063 (B)(F)	4,760,995	4,737,373
Series 2021-R2, Class A1, 0.918%, 02/25/2064 (B)(F)	4,663,735	4,649,740
Visio Trust		
Series 2020-1R, Class A1 1.312%, 11/25/2055 (B)	9,141,349	9,093,755
Wells Fargo Commercial Mortgage Trust		
Series 2019-C51, Class A2 3.039%, 06/15/2052	13,310,000	13,648,553
		584,187,596
U.S. Government Agency – 1.1%		
Federal Home Loan Mortgage Corp.		
Series K018, Class X1 IO, 1.235%, 01/25/2022	9,222,984	38
Series K021, Class X1 IO, 1.400%, 06/25/2022	28,097,161	21,980
Series K022, Class X1 IO, 1.175%, 07/25/2022	131,461,612	527,398
Series K026, Class X1 IO, 0.954%, 11/25/2022	148,970,964	955,738
Series K038, Class X1 IO, 1.113%, 03/25/2024	51,095,372	1,091,535
Series K048, Class X1 IO, 0.236%, 06/25/2025	156,411,847	1,166,926
Government National Mortgage Association		
Series 2012-114, Class IO, 0.692%, 01/16/2053	19,117,375	404,029
Series 2016-174, Class IO, 0.858%, 11/16/2056	17,792,689	928,262
Series 2017-109, Class IO, 0.507%, 04/16/2057	14,804,024	424,208
Series 2017-124, Class IO, 0.677%, 01/16/2059	17,370,472	749,350
Series 2017-135, Class IO, 0.774%, 10/16/2058	43,880,710	2,106,415
Series 2017-140, Class IO, 0.565%, 02/16/2059	21,173,868	904,097
Series 2017-159, Class IO, 0.506%, 06/16/2059	30,991,617	1,369,436
Series 2017-20, Class IO, 0.695%, 12/16/2058	42,677,439	1,650,354
Series 2017-22, Class IO, 0.773%, 12/16/2057	16,339,322	763,499
Series 2017-41, Class IO, 0.699%, 07/16/2058	18,163,752	707,133
Series 2017-46, Class IO, 0.641%, 11/16/2057	17,723,434	777,890
Series 2017-61, Class IO, 0.698%, 05/16/2059	26,741,304	1,302,053

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Government National		
Mortgage Association (continued)		
Series 2018-158, Class IO, 0.717%, 05/16/2061	\$ 24,521,920	\$ 1,538,137
Series 2018-69, Class IO, 0.566%, 04/16/2060	27,866,336	1,590,329
Series 2019-131, Class IO, 0.922%, 07/16/2061	31,196,221	1,955,083
Series 2020-100, Class IO, 0.909%, 05/16/2062	31,806,578	2,374,110
Series 2020-108, Class IO, 0.933%, 06/16/2062	79,725,715	5,815,632
Series 2020-114, Class IO, 0.927%, 09/16/2062	80,794,576	5,823,318
Series 2020-118, Class IO, 1.047%, 06/16/2062	56,917,118	4,349,817
Series 2020-119, Class IO, 0.813%, 08/16/2062	32,277,667	2,110,717
Series 2020-120, Class IO, 0.853%, 05/16/2062	16,995,899	1,271,910
Series 2020-137, Class IO, 0.844%, 09/16/2062	98,799,541	6,906,236
Series 2020-150, Class IO, 0.984%, 12/16/2062	48,800,397	3,895,340
Series 2020-170, Class IO, 0.886%, 11/16/2062	69,761,223	5,416,415
Series 2020-92, Class IO, 1.016%, 02/16/2062	70,596,837	5,409,998
Series 2021-10, Class IO, 1.000%, 05/16/2063	46,703,825	3,985,592
Series 2021-11, Class IO, 1.022%, 12/16/2062	72,972,613	6,265,947
Series 2021-3, Class IO, 0.958%, 09/16/2062	83,571,868	6,532,520
Series 2021-40, Class IO, 0.843%, 02/16/2063	21,736,481	1,641,263
		82,732,705
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$718,927,469)		\$ 666,920,301

ASSET BACKED SECURITIES – 17.5%

ABPCI Direct Lending Fund I, Ltd.		
Series 2020-1A, Class A 3.199%, 12/20/2030 (B)	9,473,000	9,474,430
AGL CLO 5, Ltd.		
Series 2020-5A, Class AIR (3 month LIBOR + 1.160%) 1.311%, 07/20/2034 (B)(E)	8,362,322	8,357,656
Aligned Data Centers Issuer LLC		
Series 2021-1A, Class A2 1.937%, 08/15/2046 (B)	13,319,000	13,115,551
AmeriCredit Automobile Receivables Trust		
Series 2020-1, Class C 1.590%, 10/20/2025	7,850,000	7,900,439
AMSR Trust		
Series 2020-SFR1, Class A 1.819%, 04/17/2037 (B)	9,026,339	9,022,346
Series 2020-SFR2, Class A 1.632%, 07/17/2037 (B)	17,232,000	17,069,468
Series 2020-SFR4, Class A 1.355%, 11/17/2037 (B)	12,046,000	11,742,843
Series 2021-SFR1, Class B 2.153%, 06/17/2038 (B)(F)	7,203,000	7,072,045

Select Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
AMSR Trust (continued)		
Series 2021-SFR4, Class A 2.117%, 12/17/2038 (B)	\$ 4,397,000	\$ 4,385,530
Applebee's Funding LLC		
Series 2019-1A, Class A2I 4.194%, 06/05/2049 (B)	10,925,640	11,046,041
Aqua Finance Trust		
Series 2021-A, Class A 1.540%, 07/17/2046 (B)	4,632,381	4,591,024
Arby's Funding LLC		
Series 2020-1A, Class A2 3.237%, 07/30/2050 (B)	10,375,663	10,583,124
Avis Budget Rental Car Funding AESOP LLC		
Series 2019-3A, Class A 2.360%, 03/20/2026 (B)	10,031,000	10,253,523
Series 2020-1A, Class A 2.330%, 08/20/2026 (B)	6,188,000	6,335,682
BA Credit Card Trust		
Series 2021-A1, Class A1 0.440%, 09/15/2026	17,014,000	16,766,094
Bain Capital Credit CLO, Ltd.		
Series 2017-1A, Class BR (3 month LIBOR + 1.500%) 1.686%, 07/20/2030 (B)(E)	8,160,000	8,156,475
Balboa Bay Loan Funding, Ltd.		
Series 2021-1A, Class A (3 month LIBOR + 1.200%) 1.347%, 07/20/2034 (B)(E)	3,723,000	3,724,709
Barings CLO, Ltd.		
Series 2013-IA, Class AR (3 month LIBOR + 0.800%) 0.932%, 01/20/2028 (B)(E)	9,999,699	9,995,689
Beacon Container Finance II LLC		
Series 2021-1A, Class A 2.250%, 10/22/2046 (B)	12,149,083	12,093,975
Benefit Street Partners CLO XX, Ltd.		
Series 2020-20A, Class AR (3 month LIBOR + 1.170%) 1.299%, 07/15/2034 (B)(E)	14,542,000	14,541,956
Bojangles Issuer LLC		
Series 2020-1A, Class A2 3.832%, 10/20/2050 (B)	5,760,000	5,888,955
BRE Grand Islander Timeshare Issuer LLC		
Series 2019-A, Class A 3.280%, 09/26/2033 (B)	3,548,315	3,650,457
CarMax Auto Owner Trust		
Series 2020-3, Class A4 0.770%, 03/16/2026	4,680,000	4,663,423
CARS-DB4 LP		
Series 2020-1A, Class A1 2.690%, 02/15/2050 (B)	8,695,095	8,802,209
Carvana Auto Receivables Trust		
Series 2020-P1, Class A4 0.610%, 10/08/2026	6,886,000	6,783,098
CF Hippolyta LLC		
Series 2020-1, Class A1 1.690%, 07/15/2060 (B)	10,605,121	10,519,849
Series 2021-1A, Class A1 1.530%, 03/15/2061 (B)	9,955,624	9,768,861
Chase Auto Credit Linked Notes		
Series 2021-3, Class B 0.760%, 02/26/2029 (B)	5,848,933	5,812,265
CLI Funding VI LLC		
Series 2020-1A, Class A 2.080%, 09/18/2045 (B)	13,384,552	13,307,986

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
CLI Funding VIII LLC		
Series 2021-1A, Class A		
1.640%, 02/18/2046 (B)	\$ 10,781,603	\$ 10,527,493
CoreVest American Finance Trust		
Series 2019-3, Class A		
2.705%, 10/15/2052 (B)	1,835,827	1,875,445
Series 2020-3, Class A		
1.358%, 08/15/2053 (B)	5,816,173	5,659,261
Series 2021-1, Class A		
1.569%, 04/15/2053 (B)	8,120,549	7,954,613
Series 2021-2, Class A		
1.408%, 07/15/2054 (B)	8,701,770	8,428,516
DataBank Issuer		
Series 2021-1A, Class A2		
2.060%, 02/27/2051 (B)	15,959,000	15,649,603
Series 2021-2A, Class A2		
2.400%, 10/25/2051 (B)	5,710,000	5,710,354
DB Master Finance LLC		
Series 2017-1A, Class A2II		
4.030%, 11/20/2047 (B)	4,146,450	4,327,774
Series 2021-1A, Class A2I		
2.045%, 11/20/2051 (B)	16,299,000	15,925,753
Diamond Infrastructure Funding LLC		
Series 2021-1A, Class A		
1.760%, 04/15/2049 (B)	8,859,000	8,619,887
DLLAA LLC		
Series 2021-1A, Class A3		
0.670%, 04/17/2026 (B)	883,000	873,396
Domino's Pizza Master Issuer LLC		
Series 2017-1A, Class A23		
4.118%, 07/25/2047 (B)	11,821,425	12,370,696
Series 2019-1A, Class A2		
3.668%, 10/25/2049 (B)	3,537,000	3,722,710
Series 2021-1A, Class A2I		
2.662%, 04/25/2051 (B)	7,641,600	7,673,763
Driven Brands Funding LLC		
Series 2018-1A, Class A2		
4.739%, 04/20/2048 (B)	3,647,700	3,788,454
Series 2020-2A, Class A2		
3.237%, 01/20/2051 (B)	7,538,038	7,648,500
Series 2021-1A, Class A2		
2.791%, 10/20/2051 (B)	9,288,000	9,130,262
Eaton Vance CLO, Ltd.		
Series 2020-2A, Class AR (3 month LIBOR + 1.150%)		
1.305%, 01/15/2035 (B)(E)	7,024,000	7,018,065
Series 2020-2A, Class BR (3 month LIBOR + 1.700%)		
1.855%, 01/15/2035 (B)(E)	6,040,000	6,026,640
Elara HGV Timeshare Issuer LLC		
Series 2019-A, Class A		
2.610%, 01/25/2034 (B)	4,688,151	4,713,859
Exeter Automobile Receivables Trust		
Series 2020-1A, Class C		
2.490%, 01/15/2025 (B)	14,330,000	14,445,139
Series 2021-1A, Class C		
0.740%, 01/15/2026	4,763,000	4,749,254
FirstKey Homes Trust		
Series 2020-SFR1, Class A		
1.339%, 08/17/2037 (B)	12,496,117	12,257,267
Series 2020-SFR2, Class A		
1.266%, 10/19/2037 (B)	13,719,861	13,374,704
Series 2021-SFR1, Class A		
1.538%, 08/17/2038 (B)	11,416,797	11,137,329
Series 2021-SFR1, Class C		
1.888%, 08/17/2038 (B)	12,224,000	11,979,247

Select Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Five Guys Funding LLC		
Series 2017-1A, Class A2		
4.600%, 07/25/2047 (B)	\$ 6,710,293	\$ 6,932,477
Ford Credit Auto Owner Trust		
Series 2018-1, Class A		
3.190%, 07/15/2031 (B)	26,635,000	28,060,628
Series 2018-2, Class A		
3.470%, 01/15/2030 (B)	10,877,000	11,301,912
Series 2020-1, Class A		
2.040%, 08/15/2031 (B)	12,711,000	12,939,956
Series 2021-1, Class A		
1.370%, 10/17/2033 (B)	9,786,000	9,667,114
Ford Credit Floorplan Master Owner Trust		
Series 2019-2, Class A		
3.060%, 04/15/2026	14,258,000	14,858,272
Series 2020-2, Class A		
1.060%, 09/15/2027	15,316,000	15,080,135
GM Financial Automobile Leasing Trust		
Series 2021-2, Class A4		
0.410%, 05/20/2025	2,724,000	2,693,528
GMF Floorplan Owner Revolving Trust		
Series 2019-2, Class A		
2.900%, 04/15/2026 (B)	11,385,000	11,797,130
Series 2020-1, Class A		
0.680%, 08/15/2025 (B)	5,302,000	5,277,775
Golden Credit Card Trust		
Series 2018-4A, Class A		
3.440%, 08/15/2025 (B)	18,115,000	18,855,731
Golub Capital Partners Funding, Ltd.		
Series 2020-1A, Class A2		
3.208%, 01/22/2029 (B)	7,732,000	7,762,928
Series 2021-1A, Class A2		
2.773%, 04/20/2029 (B)	7,002,000	6,929,671
HalseyPoint CLO II, Ltd.		
Series 2020-2A, Class B (3 month LIBOR + 2.950%)		
3.138%, 07/20/2031 (B)(E)	5,796,000	5,799,495
Hilton Grand Vacations Trust		
Series 2018-AA, Class A		
3.540%, 02/25/2032 (B)	2,231,049	2,295,853
Home Partners of America Trust		
Series 2019-1, Class A		
2.908%, 09/17/2039 (B)	12,784,146	13,132,054
Series 2021-1, Class A		
1.698%, 09/19/2041 (B)	12,833,571	12,517,076
Series 2021-2, Class A		
1.901%, 12/17/2026 (B)	8,620,918	8,532,061
Honda Auto Receivables Owner Trust		
Series 2021-2, Class A4		
0.550%, 08/16/2027	5,429,000	5,336,190
Hotwire Funding LLC		
Series 2021-1, Class A2		
2.311%, 11/20/2051 (B)	4,624,000	4,599,656
Jack in the Box Funding LLC		
Series 2019-1A, Class A23		
4.970%, 08/25/2049 (B)	5,790,245	6,153,942
Series 2019-1A, Class A2I		
3.982%, 08/25/2049 (B)	5,843,840	5,872,253
Laurel Road Prime Student Loan Trust		
Series 2019-A, Class A2FX		
2.730%, 10/25/2048 (B)	1,129,523	1,138,868
Madison Park Funding XXIII, Ltd.		
Series 2017-23A, Class AR (3 month LIBOR + 0.970%)		
1.125%, 07/27/2031 (B)(E)	13,510,000	13,510,068

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Madison Park Funding XXIII, Ltd. (continued) Series 2017-23A, Class BR (3 month LIBOR + 1.550%) 1.705%, 07/27/2031 (B)(E)	\$ 10,046,000	\$ 10,046,261
Marathon CLO X, Ltd. Series 2017-10A, Class A1AR (3 month LIBOR + 1.000%) 1.171%, 11/15/2029 (B)(E)	10,520,000	10,520,000
Monroe Capital Funding, Ltd. Series 2021-1A, Class A2 2.815%, 04/22/2031 (B)	13,424,000	13,126,371
MVW Owner Trust Series 2018-1A, Class A 3.450%, 01/21/2036 (B)	3,876,301	3,985,361
NaviEnt Private Education Loan Trust Series 2016-AA, Class A2A 3.910%, 12/15/2045 (B)	2,359,223	2,454,789
NaviEnt Private Education Refi Loan Trust Series 2019-EA, Class A2A 2.640%, 05/15/2068 (B)	4,970,435	5,011,747
Series 2019-FA, Class A2 2.600%, 08/15/2068 (B)	4,874,245	4,937,608
Series 2020-BA, Class A2 2.120%, 01/15/2069 (B)	9,647,020	9,750,514
Series 2020-GA, Class A 1.170%, 09/16/2069 (B)	8,337,484	8,297,970
Series 2020-HA, Class A 1.310%, 01/15/2069 (B)	10,690,481	10,647,458
Series 2021-A, Class A 0.840%, 05/15/2069 (B)	10,165,206	10,036,779
NaviEnt Student Loan Trust Series 2020-2A, Class A1A 1.320%, 08/26/2069 (B)	7,836,840	7,589,504
Neighborly Issuer LLC Series 2021-1A, Class A2 3.584%, 04/30/2051 (B)	13,529,015	13,570,941
Neuberger Berman CLO XX, Ltd. Series 2015-20A, Class ARR (3 month LIBOR + 1.160%) 1.327%, 07/15/2034 (B)(E)	2,972,000	2,972,909
Series 2015-20A, Class BRR (3 month LIBOR + 1.650%) 1.818%, 07/15/2034 (B)(E)	2,978,000	2,971,529
New Economy Assets Phase 1 Sponsor LLC Series 2021-1, Class A1 1.910%, 10/20/2061 (B)	12,983,000	12,729,982
Series 2021-1, Class B1 2.410%, 10/20/2061 (B)	3,933,000	3,942,062
NRZ Excess Spread-Collateralized Notes Series 2020-PLS1, Class A 3.844%, 12/25/2025 (B)	2,609,849	2,620,969
Series 2021-FHT1, Class A 3.104%, 07/25/2026 (B)	2,474,198	2,465,550
Oaktree CLO, Ltd. Series 2021-1A, Class A1 (3 month LIBOR + 1.160%) 1.288%, 07/15/2034 (B)(E)	11,169,000	11,162,645
Ocean Trails CLO X Series 2020-10A, Class AR (3 month LIBOR + 1.220%) 1.353%, 10/15/2034 (B)(E)	5,975,000	5,977,002
Oxford Finance Funding LLC Series 2020-1A, Class A2 3.101%, 02/15/2028 (B)	9,574,000	9,674,244

Select Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Palmer Square Loan Funding, Ltd. Series 2021-3A, Class A2 (3 month LIBOR + 1.400%) 1.571%, 07/20/2029 (B)(E)	\$ 6,333,000	\$ 6,333,982
Progress Residential Trust Series 2020-SFR1, Class A 1.732%, 04/17/2037 (B)	7,750,000	7,691,010
Series 2020-SFR2, Class A 2.078%, 06/17/2037 (B)	3,574,000	3,586,476
Series 2021-SFR1, Class A 1.052%, 04/17/2038 (B)	8,859,000	8,517,644
Series 2021-SFR2, Class A 1.546%, 04/19/2038 (B)	19,375,000	19,006,429
Series 2021-SFR4, Class A 1.558%, 05/17/2038 (B)	9,085,124	8,926,211
Series 2021-SFR5, Class A 1.427%, 07/17/2038 (B)	13,757,000	13,422,676
Series 2021-SFR8, Class B 1.681%, 10/17/2038 (B)	4,514,000	4,384,072
Santander Revolving Auto Loan Trust Series 2019-A, Class A 2.510%, 01/26/2032 (B)	13,489,000	13,944,124
SCF Equipment Leasing LLC Series 2019-2A, Class C 3.110%, 06/21/2027 (B)	12,112,000	12,422,199
Series 2021-1A, Class B 1.370%, 08/20/2029 (B)	6,799,000	6,688,546
ServiceMaster Funding LLC Series 2020-1, Class A2II 3.337%, 01/30/2051 (B)	13,941,648	14,029,954
SERVPRO Master Issuer LLC Series 2021-1A, Class A2 2.394%, 04/25/2051 (B)	7,202,805	7,077,793
Sesac Finance LLC Series 2019-1, Class A2 5.216%, 07/25/2049 (B)	10,214,875	10,602,805
Sierra Timeshare Receivables Funding LLC Series 2018-3A, Class A 3.690%, 09/20/2035 (B)	1,887,163	1,942,352
Series 2021-1A, Class A 0.990%, 11/20/2037 (B)	7,552,142	7,486,621
SMB Private Education Loan Trust Series 2015-C, Class A2A 2.750%, 07/15/2027 (B)	388,146	389,280
Series 2016-A, Class A2A 2.700%, 05/15/2031 (B)	7,391,723	7,487,167
Series 2019-B, Class A2A 2.840%, 06/15/2037 (B)	9,294,237	9,526,122
Series 2020-PTA, Class A2A 1.600%, 09/15/2054 (B)	7,667,107	7,604,342
Series 2021-A, Class APT2 1.070%, 01/15/2053 (B)	5,905,049	5,747,486
SoFi Professional Loan Program LLC Series 2019-B, Class A2FX 3.090%, 08/17/2048 (B)	2,041,269	2,083,096
Sonic Capital LLC Series 2020-1A, Class A2I 3.845%, 01/20/2050 (B)	8,656,027	8,945,424
Series 2020-1A, Class A2II 4.336%, 01/20/2050 (B)	6,960,933	7,440,938
Series 2021-1A, Class A2I 2.190%, 08/20/2051 (B)	7,070,280	6,895,390
Sound Point CLO XXVII, Ltd. Series 2020-2A, Class AR (3 month LIBOR + 1.180%) 1.312%, 10/25/2034 (B)(E)	10,844,000	10,908,598

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Sound Point CLO		
XXVII, Ltd. (continued)		
Series 2020-2A, Class B1R (3 month LIBOR + 1.650%)	\$ 3,676,000	\$ 3,648,801
1.782%, 10/25/2034 (B)(E)		
Starwood Property Mortgage Trust		
Series 2021-SIF2A, Class A1 (3 month CME Term SOFR + 1.550%)	10,802,000	10,802,000
1.550%, 01/15/2033 (B)(E)		
Sunbird Engine Finance LLC		
Series 2020-1A, Class A	3,974,935	3,828,111
3.671%, 02/15/2045 (B)		
Taco Bell Funding LLC		
Series 2021-1A, Class A21	14,351,000	14,067,740
1.946%, 08/25/2051 (B)		
Tallman Park CLO, Ltd.		
Series 2021-1A, Class A (3 month LIBOR + 1.060%)	9,242,000	9,201,844
1.192%, 04/20/2034 (B)(E)		
TIF Funding II LLC		
Series 2020-1A, Class A	14,922,215	14,801,411
2.090%, 08/20/2045 (B)		
Series 2021-1A, Class A	6,431,179	6,228,899
1.650%, 02/20/2046 (B)		
Towd Point Mortgage Trust		
Series 2015-1, Class A5	2,759,000	2,850,224
3.399%, 10/25/2053 (B)(F)		
Series 2017-2, Class A1	892,999	899,962
2.750%, 04/25/2057 (B)(F)		
Series 2018-4, Class A1	6,314,499	6,461,984
3.000%, 06/25/2058 (B)(F)		
Series 2018-6, Class A1A	547,197	556,780
3.750%, 03/25/2058 (B)(F)		
Series 2019-4, Class A1	5,203,068	5,303,172
2.900%, 10/25/2059 (B)(F)		
Series 2020-4, Class A1	6,564,300	6,548,632
1.750%, 10/25/2060 (B)		
Toyota Auto Loan Extended Note Trust		
Series 2019-1A, Class A	22,220,000	22,945,321
2.560%, 11/25/2031 (B)		
Series 2020-1A, Class A	7,491,000	7,470,614
1.350%, 05/25/2033 (B)		
Toyota Auto Receivables Owner Trust		
Series 2020-C, Class A4	3,854,000	3,817,627
0.570%, 10/15/2025		
Tricon American Homes Trust		
Series 2020-SFR1, Class A	20,174,243	19,824,006
1.499%, 07/17/2038 (B)		
Series 2020-SFR2, Class A	16,986,415	16,390,419
1.482%, 11/17/2039 (B)		
Triton Container Finance VIII LLC		
Series 2020-1A, Class A	15,150,850	15,024,204
2.110%, 09/20/2045 (B)		
Series 2021-1A, Class A	8,920,590	8,733,564
1.860%, 03/20/2046 (B)		
Vantage Data Centers LLC		
Series 2019-1A, Class A2	9,293,960	9,493,046
3.188%, 07/15/2044 (B)		
Series 2020-1A, Class A2	8,834,000	8,634,299
1.645%, 09/15/2045 (B)		
Series 2020-2A, Class A2	6,853,000	6,720,809
1.992%, 09/15/2045 (B)		
VCP RRL ABS I, Ltd.		
Series 2021-1A, Class A	4,478,000	4,471,704
2.152%, 10/20/2031 (B)		

Select Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
VR Funding LLC		
Series 2020-1A, Class A	\$ 10,148,646	\$ 10,054,230
2.790%, 11/15/2050 (B)		
VSE VOI Mortgage LLC		
Series 2017-A, Class A	3,199,459	3,230,262
2.330%, 03/20/2035 (B)		
Wendy's Funding LLC		
Series 2021-1A, Class A21	8,115,220	7,927,807
2.370%, 06/15/2051 (B)		
Willis Engine Structured Trust V		
Series 2020-A, Class A	3,346,959	3,253,989
3.228%, 03/15/2045 (B)		
Wingstop Funding LLC		
Series 2020-1A, Class A2	15,144,895	15,121,481
2.841%, 12/05/2050 (B)		
World Omni Auto Receivables Trust		
Series 2021-B, Class A4	15,979,000	15,641,498
0.690%, 06/15/2027		
Zaxby's Funding LLC		
Series 2021-1A, Class A2	11,433,345	11,605,806
3.238%, 07/30/2051 (B)		
TOTAL ASSET BACKED SECURITIES (Cost \$1,372,192,571)		\$ 1,365,201,638
COMMON STOCKS – 0.0%		
Utilities – 0.0%		
Dominion Energy, Inc.	12,915	1,299,766
TOTAL COMMON STOCKS (Cost \$1,291,500)		\$ 1,299,766
PREFERRED SECURITIES – 0.1%		
Utilities – 0.1%		
DTE Energy Company, 6.250%	15,402	790,739
NextEra Energy, Inc., 5.279%	120,650	6,942,201
The Southern Company, 6.750%	19,330	1,038,988
TOTAL PREFERRED SECURITIES (Cost \$7,618,288)		\$ 8,771,928
SHORT-TERM INVESTMENTS – 5.7%		
Short-term funds – 0.1%		
John Hancock Collateral Trust, 0.1697% (G)(H)	536,375	5,365,362
Repurchase agreement – 5.6%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$438,341,000 on 1-3-22, collateralized by \$326,960,900 U.S. Treasury Notes, 1.000% - 1.250% due 6-30-28 to 7-31-28 (valued at \$320,525,196) and \$100,000,000 U.S. Treasury Inflation Indexed Notes, 0.750% due 7-15-28 (valued at \$126,582,659)	\$ 438,341,000	438,341,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$443,707,842)		\$ 443,706,362
Total Investments (Select Bond Trust) (Cost \$8,083,848,490) – 104.7%		\$ 8,159,008,571
Other assets and liabilities, net – (4.7%)		(368,038,964)
TOTAL NET ASSETS – 100.0%		\$ 7,790,969,607
Security Abbreviations and Legend		
CMT	Constant Maturity Treasury	
GO	General Obligation	
ICE	Intercontinental Exchange	
IO	Interest-Only Security - (Interest Tranche of Stripped Mortgage Pool). Rate shown is the annualized yield at the end of the period.	
LIBOR	London Interbank Offered Rate	
SOFR	Secured Overnight Financing Rate	

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Select Bond Trust (continued)

TBA	To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date.
(A)	Security purchased or sold on a when-issued or delayed delivery basis.
(B)	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 \$2,420,172,775 or 31.1% of the fund's net assets as of 12-31-21.
(C)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(D)	All or a portion of this security is on loan as of 12-31-21.
(E)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(F)	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. The interest rate shown is the current rate as of period end.
(G)	The rate shown is the annualized seven-day yield as of 12-31-21.
(H)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Short Term Government Income Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 93.2%		
U.S. Government – 26.2%		
U.S. Treasury Notes		
0.125%, 05/15/2023	\$ 3,000,000	\$ 2,982,773
0.250%, 04/15/2023	9,000,000	8,969,766
0.625%, 07/31/2026	1,000,000	972,383
0.875%, 06/30/2026	1,800,000	1,771,453
1.125%, 10/31/2026	2,500,000	2,483,398
2.000%, 05/31/2024	4,500,000	4,623,574
2.125%, 03/31/2024	2,700,000	2,778,891
2.625%, 06/30/2023	5,485,000	5,651,050
2.750%, 07/31/2023	3,215,000	3,322,878
2.875%, 11/30/2023	13,345,000	13,891,313
		47,447,479
U.S. Government Agency – 67.0%		
Federal Farm Credit Bank		
0.500%, 12/23/2025 to 02/04/2026	10,000,000	9,686,457
0.680%, 01/13/2027	6,000,000	5,809,871
1.600%, 12/14/2026	2,000,000	1,997,964
Federal Home Loan Bank		
0.625%, 11/27/2024	2,000,000	1,975,827
0.650%, 02/26/2026	6,000,000	5,845,084
0.700%, 01/28/2026	7,000,000	6,856,064
0.850%, 10/28/2024	4,000,000	3,986,927
0.900%, 02/26/2027	2,000,000	1,948,382
1.000%, 11/08/2024 to 03/23/2026	3,950,000	3,924,332
1.100%, 07/13/2026 to 08/20/2026	3,000,000	2,966,315
1.200%, 12/27/2024	5,000,000	5,000,570
1.375%, 02/17/2023	2,000,000	2,021,335
1.500%, 08/15/2024	2,770,000	2,814,445
1.610%, 12/30/2026	2,500,000	2,501,491
2.875%, 09/13/2024	5,500,000	5,779,751
Federal Home Loan Mortgage Corp.		
0.250%, 09/08/2023	2,000,000	1,986,424
0.375%, 09/23/2025	3,060,000	2,977,128
0.640%, 11/24/2025	2,000,000	1,954,901
0.650%, 10/22/2025	2,000,000	1,956,028
0.700%, 12/23/2025	2,000,000	1,958,582

Short Term Government Income Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal Home Loan		
Mortgage Corp. (continued)		
0.800%, 10/27/2026	\$ 2,000,000	\$ 1,948,398
1.500%, 02/12/2025	6,000,000	6,086,653
1.937%, (12 month LIBOR + 1.618%), 05/01/2045 (A)	397,622	415,525
2.500%, 09/01/2034	1,950,031	2,019,656
3.000%, 07/01/2030 to 12/01/2032	2,623,194	2,749,802
3.500%, 04/01/2032	1,097,173	1,163,131
7.000%, 04/01/2031 to 04/01/2032	412	477
Federal National Mortgage Association		
0.375%, 08/25/2025	5,000,000	4,863,321
0.625%, 04/22/2025	4,000,000	3,944,735
0.650%, 12/17/2025	2,000,000	1,959,494
2.500%, 10/01/2027 to 09/01/2034	2,559,507	2,650,366
2.875%, 09/12/2023	7,005,000	7,263,315
3.000%, 03/01/2028 to 09/01/2034	7,088,147	7,429,301
3.500%, 07/01/2031 to 06/01/2034	4,312,554	4,569,323
6.500%, 01/01/2039	302,729	359,998
7.000%, 12/01/2026 to 01/01/2029	919	1,035
8.000%, 10/01/2024 to 09/01/2030	820	941
		121,373,349
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$168,608,897)		
	\$	\$ 168,820,828
MUNICIPAL BONDS – 4.6%		
City of Houston (Texas)		
3.628%, 05/15/2024	1,000,000	1,060,696
City of Houston, GO (Texas)		
2.110%, 03/01/2025	1,000,000	1,027,410
City of New York, GO		
1.990%, 10/01/2026	1,000,000	1,020,555
3.250%, 03/01/2024	1,000,000	1,047,743
County of Orange (Florida)		
2.280%, 01/01/2026	1,000,000	1,037,202
Los Angeles Unified School District, GO (California)		
1.540%, 09/15/2025	1,000,000	1,008,798
New York State Urban Development Corp.		
3.080%, 03/15/2024	1,000,000	1,045,108
State of California, GO		
2.375%, 10/01/2026	1,000,000	1,044,634
TOTAL MUNICIPAL BONDS (Cost \$8,144,864)		
	\$	\$ 8,292,146
COLLATERALIZED MORTGAGE OBLIGATIONS – 0.9%		
U.S. Government Agency – 0.9%		
Federal Home Loan Mortgage Corp.		
Series K018, Class X1 IO,		
1.223%, 01/25/2022	378,891	2
Series K022, Class X1 IO,		
1.164%, 07/25/2022	10,140,670	40,682
Series K026, Class X1 IO,		
0.934%, 11/25/2022	5,017,885	32,193
Series K030, Class X1 IO,		
0.146%, 04/25/2023	125,561,805	236,420
Series K038, Class X1 IO,		
1.098%, 03/25/2024	7,631,323	163,026
Series K718, Class X1 IO,		
0.547%, 01/25/2022	388,839	4
Government National Mortgage Association		
Series 2012-114, Class IO,		
0.662%, 01/16/2053	1,301,872	27,514

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Short Term Government Income Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Government National		
Mortgage Association (continued)		
Series 2017-109, Class IO, 0.382%, 04/16/2057	\$ 1,099,909	\$ 31,518
Series 2017-124, Class IO, 0.670%, 01/16/2059	1,038,606	44,805
Series 2017-140, Class IO, 0.525%, 02/16/2059	704,867	30,097
Series 2017-20, Class IO, 0.649%, 12/16/2058	2,645,042	102,285
Series 2017-41, Class IO, 0.617%, 07/16/2058	1,637,398	63,746
Series 2017-46, Class IO, 0.630%, 11/16/2057	1,583,906	69,518
Series 2017-61, Class IO, 0.779%, 05/16/2059	921,458	44,866
Series 2017-74, Class IO, 0.542%, 09/16/2058	1,760,077	60,327
Series 2017-89, Class IO, 0.624%, 07/16/2059	1,723,420	80,603
Series 2018-9, Class IO, 0.497%, 01/16/2060	1,711,936	77,685
Series 2020-118, Class IO, 0.908%, 06/16/2062	1,557,210	119,008
Series 2020-119, Class IO, 0.679%, 08/16/2062	889,444	58,163
Series 2020-120, Class IO, 0.827%, 05/16/2062	2,199,362	164,592
Series 2020-137, Class IO, 0.802%, 09/16/2062	1,561,194	109,130
Series 2020-170, Class IO, 0.877%, 11/16/2062	1,851,438	143,750
Series 2021-40, Class IO, 0.842%, 02/16/2063	527,393	39,822
		1,739,756
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$3,360,473)	\$	1,739,756
SHORT-TERM INVESTMENTS – 1.0%		
Repurchase agreement – 1.0%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$1,793,000 on 1-3-22, collateralized by \$1,847,500		
U.S. Treasury Notes, 1.250% due 6-30-28 (valued at \$1,828,881)	1,793,000	1,793,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$1,793,000)	\$	1,793,000
Total Investments (Short Term Government Income Trust) (Cost \$181,907,234) – 99.7%	\$	180,645,730
Other assets and liabilities, net – 0.3%		527,146
TOTAL NET ASSETS – 100.0%	\$	181,172,876

Security Abbreviations and Legend

GO	General Obligation
IO	Interest-Only Security - (Interest Tranche of Stripped Mortgage Pool). Rate shown is the annualized yield at the end of the period.
LIBOR	London Interbank Offered Rate
(A)	Variable rate obligation. The coupon rate shown represents the rate at period end.

Strategic Income Opportunities Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 4.7%		
U.S. Government – 4.7%		
U.S. Treasury Bonds		
2.000%, 02/15/2050	\$ 1,800,000	\$ 1,828,336
2.750%, 11/15/2042	995,000	1,133,989
3.000%, 02/15/2049	5,975,000	7,345,982
4.375%, 02/15/2038	3,135,000	4,319,932
U.S. Treasury Inflation Protected Securities		
0.125%, 01/15/2030	505,133	560,611
U.S. Treasury Notes		
0.250%, 06/30/2025	100,000	97,152
0.375%, 11/30/2025	900,000	872,824
0.500%, 02/28/2026	1,150,000	1,117,342
2.000%, 11/15/2026	1,390,000	1,437,836
2.375%, 02/29/2024 to 04/30/2026	1,400,000	1,450,208
2.625%, 02/15/2029	935,000	1,010,786
		21,174,998
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$19,167,171)	\$	21,174,998
FOREIGN GOVERNMENT OBLIGATIONS – 19.6%		
Australia – 1.2%		
Commonwealth of Australia		
0.250%, 11/21/2024	AUD 2,210,000	1,577,347
0.500%, 09/21/2026	775,000	542,647
New South Wales Treasury Corp.		
1.000%, 02/08/2024	2,100,000	1,532,417
1.250%, 03/20/2025	1,370,000	997,383
Queensland Treasury Corp.		
4.250%, 07/21/2023 (A)	860,000	660,967
		5,310,761
Austria – 0.2%		
Republic of Austria		
0.500%, 02/20/2029 (A)	EUR 755,000	895,820
Brazil – 0.7%		
Federative Republic of Brazil		
10.000%, 01/01/2023 to 01/01/2025	BRL 16,460,000	2,911,631
Canada – 2.6%		
Canada Housing Trust No. 1		
1.250%, 06/15/2026 (A)	CAD 1,425,000	1,114,383
1.950%, 12/15/2025 (A)	1,675,000	1,349,839
Government of Canada		
1.500%, 09/01/2024	885,000	707,594
Province of Ontario		
1.350%, 12/02/2030	6,465,000	4,847,715
2.900%, 06/02/2028	1,185,000	1,001,163
3.450%, 06/02/2045	1,060,000	983,509
Province of Quebec		
0.200%, 04/07/2025	EUR 475,000	546,493
1.500%, 12/15/2023	GBP 497,000	679,824
3.000%, 09/01/2023	CAD 650,000	530,462
		11,760,982
China – 1.2%		
People's Republic of China		
1.990%, 04/09/2025	CNY 12,420,000	1,915,120
2.690%, 08/12/2026	4,220,000	664,927
2.880%, 11/05/2023	14,670,000	2,322,387
3.020%, 05/27/2031	2,810,000	447,954
		5,350,388
Colombia – 1.0%		
Republic of Colombia		
3.250%, 04/22/2032	\$ 955,000	858,306
4.500%, 03/15/2029	235,000	240,290

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Colombia (continued)		
Republic of Colombia (continued)		
5.625%, 02/26/2044	\$ 235,000	\$ 227,508
6.250%, 11/26/2025	COP 3,780,000,000	894,011
7.500%, 08/26/2026	3,905,000,000	953,492
10.000%, 07/24/2024	4,909,200,000	1,293,190
		4,466,797
Greece – 0.7%		
Republic of Greece		
1.500%, 06/18/2030 (A)	EUR 1,020,000	1,182,385
2.000%, 04/22/2027 (A)	779,000	944,971
4.200%, 01/30/2042	685,000	1,181,340
		3,308,696
India – 0.3%		
Republic of India		
6.100%, 07/12/2031	INR 33,840,000	443,654
6.450%, 10/07/2029	33,000,000	443,497
7.270%, 04/08/2026	15,300,000	216,622
		1,103,773
Indonesia – 2.9%		
Perusahaan Penerbit SBSN Indonesia III		
4.150%, 03/29/2027 (A)	\$ 940,000	1,040,392
Republic of Indonesia		
1.100%, 03/12/2033	EUR 261,000	286,226
2.150%, 07/18/2024 (A)	740,000	880,459
2.625%, 06/14/2023 (A)	850,000	1,001,783
3.050%, 03/12/2051	\$ 545,000	537,239
3.850%, 10/15/2030	405,000	455,262
6.500%, 06/15/2025	IDR 27,798,000,000	2,053,776
6.625%, 05/15/2033	6,431,000,000	454,559
7.000%, 09/15/2030	23,300,000,000	1,693,654
7.500%, 08/15/2032 to 05/15/2038	11,864,000,000	870,873
8.125%, 05/15/2024	3,514,000,000	268,351
8.250%, 05/15/2029	4,891,000,000	382,619
8.375%, 09/15/2026	12,897,000,000	1,020,664
8.750%, 05/15/2031	17,423,000,000	1,408,093
9.000%, 03/15/2029	6,709,000,000	544,580
		12,898,530
Ireland – 0.3%		
Republic of Ireland		
3.400%, 03/18/2024	EUR 1,047,000	1,296,769
Italy – 0.6%		
Republic of Italy		
1.250%, 02/17/2026	\$ 742,000	722,534
1.850%, 07/01/2025 (A)	EUR 1,710,000	2,057,464
		2,779,998
Japan – 0.9%		
Government of Japan		
0.100%, 06/20/2025	JPY 447,900,000	3,920,847
Malaysia – 1.1%		
Government of Malaysia		
3.733%, 06/15/2028	MYR 1,930,000	471,661
3.828%, 07/05/2034	1,965,000	469,263
3.844%, 04/15/2033	4,313,000	1,039,409
3.882%, 03/14/2025	2,835,000	699,645
3.899%, 11/16/2027	3,370,000	834,767
3.900%, 11/30/2026	1,805,000	447,591
4.059%, 09/30/2024	3,895,000	963,721
		4,926,057
Mexico – 1.3%		
Government of Mexico		
5.750%, 03/05/2026	MXN 24,110,000	1,109,928
6.750%, 03/09/2023	21,840,000	1,067,377

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
FOREIGN GOVERNMENT OBLIGATIONS (continued)		
Mexico (continued)		
Government of Mexico (continued)		
7.500%, 06/03/2027	MXN 44,140,000	\$ 2,161,417
7.750%, 05/29/2031	32,570,000	1,607,925
		5,946,647
New Zealand – 0.5%		
Government of New Zealand		
0.500%, 05/15/2024	NZD 3,080,000	2,038,639
5.500%, 04/15/2023	460,000	330,711
		2,369,350
Norway – 0.8%		
Kingdom of Norway		
1.500%, 02/19/2026 (A)	NOK 7,640,000	863,434
2.000%, 05/24/2023 (A)	22,735,000	2,620,919
		3,484,353
Philippines – 0.6%		
Republic of the Philippines		
0.875%, 05/17/2027	EUR 1,465,000	1,689,712
6.250%, 01/14/2036	PHP 43,000,000	937,041
		2,626,753
Portugal – 0.6%		
Republic of Portugal		
0.475%, 10/18/2030 (A)	EUR 1,905,000	2,200,165
0.700%, 10/15/2027 (A)	435,000	515,657
		2,715,822
Qatar – 0.3%		
State of Qatar		
4.000%, 03/14/2029 (A)	\$ 475,000	535,126
4.817%, 03/14/2049 (A)	710,000	930,554
		1,465,680
Singapore – 0.4%		
Republic of Singapore		
1.750%, 04/01/2022	SGD 1,485,000	1,105,264
2.375%, 06/01/2025	650,000	502,050
		1,607,314
Spain – 0.5%		
Kingdom of Spain		
0.250%, 07/30/2024 (A)	EUR 875,000	1,014,142
0.800%, 07/30/2027 (A)	865,000	1,026,025
		2,040,167
Sweden – 0.2%		
Kingdom of Sweden		
0.125%, 04/24/2023 (A)	955,000	1,096,083
United Arab Emirates – 0.5%		
Government of Abu Dhabi		
1.700%, 03/02/2031 (A)	\$ 925,000	899,100
3.125%, 04/16/2030 (A)	730,000	790,408
3.875%, 04/16/2050 (A)	475,000	553,274
		2,242,782
United Kingdom – 0.2%		
Government of United Kingdom		
0.500%, 07/22/2022	GBP 800,000	1,085,192
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$90,358,213)		
		\$ 87,611,192
CORPORATE BONDS – 53.0%		
Communication services – 6.7%		
ANGI Group LLC		
3.875%, 08/15/2028 (A)	\$ 660,000	645,150
CCO Holdings LLC		
4.250%, 02/01/2031 (A)	165,000	166,449
4.500%, 08/15/2030 to 06/01/2033 (A)	1,245,000	1,272,362

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
CCO Holdings LLC (continued)		
4.750%, 03/01/2030 (A)	\$ 1,030,000	\$ 1,071,200
5.125%, 05/01/2027 (A)	1,245,000	1,282,350
Cellnex Telecom SA		
1.875%, 06/26/2029	EUR 500,000	563,568
Charter Communications Operating LLC		
2.800%, 04/01/2031	\$ 230,000	227,583
5.125%, 07/01/2049	1,395,000	1,618,158
5.750%, 04/01/2048	790,000	985,176
GCI LLC		
4.750%, 10/15/2028 (A)	164,000	168,305
IHS Holding, Ltd.		
6.250%, 11/29/2028 (A)	370,000	374,625
Kenbourne Invest SA		
4.700%, 01/22/2028 (A)	450,000	440,505
LCPR Senior Secured Financing DAC		
5.125%, 07/15/2029 (A)	785,000	788,925
6.750%, 10/15/2027 (A)	1,256,000	1,318,800
Lions Gate Capital Holdings LLC		
5.500%, 04/15/2029 (A)	985,000	1,002,238
Match Group Holdings II LLC		
4.125%, 08/01/2030 (A)	705,000	712,050
Millicom International Cellular SA		
4.500%, 04/27/2031 (A)	530,000	533,980
Netflix, Inc.		
4.375%, 11/15/2026	255,000	282,413
4.875%, 04/15/2028	285,000	324,900
5.375%, 11/15/2029 (A)	1,110,000	1,318,125
News Corp.		
3.875%, 05/15/2029 (A)	1,685,000	1,701,850
Rogers Communications, Inc. (5.000% to 12-17-26, then 5 Year Canada Government Bond Yield + 3.575%) 12/17/2081		
	CAD 515,000	412,607
Sirius XM Radio, Inc.		
4.125%, 07/01/2030 (A)	\$ 100,000	100,000
Sprint Capital Corp.		
8.750%, 03/15/2032	975,000	1,462,500
Sprint Corp.		
7.125%, 06/15/2024	165,000	185,238
T-Mobile USA, Inc.		
2.625%, 04/15/2026 to 02/15/2029	670,000	664,650
2.875%, 02/15/2031	400,000	395,040
3.375%, 04/15/2029	470,000	478,902
3.500%, 04/15/2031	335,000	348,527
3.500%, 04/15/2031 (A)	450,000	468,171
4.750%, 02/01/2028	165,000	173,663
Total Play Telecomunicaciones SA de CV		
7.500%, 11/12/2025 (A)	895,000	915,138
Virgin Media Finance PLC		
5.000%, 07/15/2030 (A)	720,000	716,400
Virgin Media Secured Finance PLC		
4.500%, 08/15/2030 (A)	670,000	674,228
5.500%, 05/15/2029 (A)	1,161,000	1,225,888
Vmed O2 UK Financing I PLC		
3.250%, 01/31/2031 (A)	EUR 735,000	828,802
4.250%, 01/31/2031 (A)	\$ 1,225,000	1,200,500
VTR Comunicaciones SpA		
4.375%, 04/15/2029 (A)	315,000	311,850
5.125%, 01/15/2028 (A)	415,000	423,300
VTR Finance NV		
6.375%, 07/15/2028 (A)	510,000	530,400

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
WMG Acquisition Corp.		
3.000%, 02/15/2031 (A)	\$ 1,910,000	\$ 1,828,825
		30,143,341
Consumer discretionary – 5.0%		
BMW Finance NV		
1.000%, 11/14/2024	EUR 410,000	481,079
Carnival Corp.		
5.750%, 03/01/2027 (A)	\$ 1,165,000	1,165,000
Ford Motor Company		
3.250%, 02/12/2032	580,000	593,920
Ford Motor Credit Company LLC		
2.748%, 06/14/2024	GBP 316,000	430,251
2.900%, 02/16/2028	\$ 360,000	360,900
2.979%, 08/03/2022	415,000	417,104
3.087%, 01/09/2023	280,000	284,733
3.350%, 11/01/2022	485,000	491,063
3.370%, 11/17/2023	580,000	598,195
3.625%, 06/17/2031	1,220,000	1,284,276
4.000%, 11/13/2030	255,000	274,329
4.125%, 08/17/2027	205,000	221,273
4.250%, 09/20/2022	200,000	203,600
4.542%, 08/01/2026	445,000	483,381
Hilton Domestic Operating Company, Inc.		
3.625%, 02/15/2032 (A)	485,000	482,449
4.875%, 01/15/2030	290,000	309,938
Hyatt Hotels Corp.		
5.750%, 04/23/2030	744,000	887,485
MercadoLibre, Inc.		
2.375%, 01/14/2026	565,000	549,468
3.125%, 01/14/2031	450,000	425,255
MGM Resorts International		
4.750%, 10/15/2028	105,000	108,150
New Red Finance, Inc.		
3.500%, 02/15/2029 (A)	743,000	735,347
3.875%, 01/15/2028 (A)	970,000	982,377
4.000%, 10/15/2030 (A)	2,124,000	2,086,830
Newell Brands, Inc.		
4.700%, 04/01/2026	160,000	174,441
Royal Caribbean Cruises, Ltd.		
4.250%, 07/01/2026 (A)	690,000	668,331
5.500%, 04/01/2028 (A)	1,235,000	1,249,277
Travel + Leisure Company		
4.500%, 12/01/2029 (A)	427,000	430,623
6.625%, 07/31/2026 (A)	714,000	791,712
Wyndham Hotels & Resorts, Inc.		
4.375%, 08/15/2028 (A)	660,000	679,800
Yum! Brands, Inc.		
3.625%, 03/15/2031	1,795,000	1,788,269
4.625%, 01/31/2032	875,000	929,793
4.750%, 01/15/2030 (A)	1,773,000	1,919,273
		22,487,922
Consumer staples – 3.4%		
Becle SAB de CV		
2.500%, 10/14/2031 (A)	795,000	782,232
BRF SA		
4.875%, 01/24/2030 (A)	400,000	405,104
JBS Finance Luxembourg Sarl		
3.625%, 01/15/2032 (A)	1,070,000	1,074,023
Kraft Heinz Foods Company		
3.000%, 06/01/2026	662,000	692,421
3.875%, 05/15/2027	370,000	399,652
4.250%, 03/01/2031	1,525,000	1,734,108
4.375%, 06/01/2046	280,000	327,880
4.625%, 10/01/2039	1,090,000	1,280,186

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer staples (continued)		
Kraft Heinz Foods Company (continued)		
6.875%, 01/26/2039	\$ 1,220,000	\$ 1,793,072
7.125%, 08/01/2039 (A)	165,000	251,092
MARB BondCo PLC		
3.950%, 01/29/2031 (A)	805,000	768,783
Natura Cosmetics SA		
4.125%, 05/03/2028 (A)(B)	830,000	814,438
NBM US Holdings, Inc.		
7.000%, 05/14/2026 (A)	205,000	214,996
Oriflame Investment Holding PLC		
5.125%, 05/04/2026 (A)	470,000	432,870
Post Holdings, Inc.		
4.500%, 09/15/2031 (A)	1,450,000	1,439,125
5.500%, 12/15/2029 (A)	285,000	299,430
5.625%, 01/15/2028 (A)	1,255,000	1,329,974
5.750%, 03/01/2027 (A)	1,330,000	1,373,225
		15,412,611
Energy – 6.7%		
Aker BP ASA		
3.750%, 01/15/2030 (A)	750,000	794,167
Cenovus Energy, Inc.		
3.500%, 02/07/2028	CAD 510,000	421,031
5.250%, 06/15/2037	\$ 194,000	229,220
5.400%, 06/15/2047	777,000	967,313
6.750%, 11/15/2039	1,806,000	2,450,396
Cheniere Energy Partners LP		
4.000%, 03/01/2031	1,252,000	1,313,285
4.500%, 10/01/2029	390,000	413,400
Continental Resources, Inc.		
2.875%, 04/01/2032 (A)	1,206,000	1,179,776
5.750%, 01/15/2031 (A)	1,490,000	1,754,654
Ecopetrol SA		
4.625%, 11/02/2031	435,000	422,907
5.375%, 06/26/2026	230,000	242,365
5.875%, 05/28/2045 (B)	235,000	224,721
6.875%, 04/29/2030	470,000	524,642
Enbridge, Inc.		
3.125%, 11/15/2029	990,000	1,036,728
EQM Midstream Partners LP		
4.750%, 01/15/2031 (A)	620,000	655,650
EQT Corp.		
3.125%, 05/15/2026 (A)	190,000	195,041
3.625%, 05/15/2031 (A)(B)	2,235,000	2,318,813
3.900%, 10/01/2027	325,000	348,569
Inversiones Latin America Power Ltda		
5.125%, 06/15/2033 (A)	575,000	551,494
Kinder Morgan, Inc.		
2.000%, 02/15/2031	290,000	275,964
MC Brazil Downstream Trading SARL		
7.250%, 06/30/2031 (A)	955,000	950,703
Medco Oak Tree Pte, Ltd.		
7.375%, 05/14/2026 (A)	625,000	646,875
Occidental Petroleum Corp.		
3.200%, 08/15/2026	154,000	158,700
3.400%, 04/15/2026	238,000	244,112
6.125%, 01/01/2031	775,000	941,625
6.625%, 09/01/2030	1,160,000	1,435,500
7.500%, 05/01/2031	335,000	440,734
Ovintiv, Inc.		
6.500%, 08/15/2034 to 02/01/2038	1,270,000	1,639,866
Pertamina Persero PT		
3.100%, 01/21/2030 (A)	255,000	259,910
3.650%, 07/30/2029 (A)	295,000	313,080
Petrobras Global Finance BV		
6.900%, 03/19/2049	1,110,000	1,182,150

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Petrorio Luxembourg Sarl		
6.125%, 06/09/2026 (A)	\$ 505,000	\$ 506,616
Qatar Energy		
2.250%, 07/12/2031 (A)	380,000	376,416
3.300%, 07/12/2051 (A)	295,000	303,664
Saudi Arabian Oil Company		
2.250%, 11/24/2030 (A)	400,000	388,980
3.500%, 04/16/2029 (A)	625,000	667,969
4.250%, 04/16/2039 (A)	340,000	383,233
4.375%, 04/16/2049 (A)	475,000	549,884
Southwestern Energy Company		
6.450%, 01/23/2025	17,000	18,683
The Williams Companies, Inc.		
3.500%, 11/15/2030	80,000	85,033
TransCanada PipeLines, Ltd.		
4.100%, 04/15/2030	1,060,000	1,182,411
Transcontinental Gas Pipe Line Company LLC		
3.250%, 05/15/2030	80,000	84,321
Western Midstream Operating LP		
5.300%, 02/01/2030	975,000	1,071,564
		30,152,165
Financials – 11.3%		
American International Group, Inc. (8.175% to 5-15-38, then 3 month LIBOR + 4.195%) 05/15/2058	1,700,000	2,494,750
Banco Actinver SA		
4.800%, 12/18/2032 (A)	215,000	152,650
9.500%, 12/18/2032 (A)	MXN 12,100,000	400,073
Banco Santander SA (4.750% to 11-12-26, then 5 Year CMT + 3.753%) 11/12/2026 (C)	\$ 800,000	799,432
Barclays PLC (4.375% to 3-15-28, then 5 Year CMT + 3.410%) 03/15/2028 (C)	505,000	494,648
Berkshire Hathaway Finance Corp. 2.375%, 06/19/2039	GBP 610,000	859,108
Berkshire Hathaway, Inc., Zero Coupon 0.000%, 03/12/2025	EUR 975,000	1,107,424
BNG Bank NV 0.250%, 06/07/2024	395,000	455,926
BNP Paribas SA (4.500% to 2-25-30, then 5 Year CMT + 2.944%) 02/25/2030 (A)(C)	\$ 820,000	820,861
BNP Paribas SA (4.625% to 2-25-31, then 5 Year CMT + 3.340%) 02/25/2031 (A)(B)(C)	1,421,000	1,425,263
Capital One Financial Corp. 0.800%, 06/12/2024	EUR 155,000	179,511
Chubb INA Holdings, Inc. 0.300%, 12/15/2024	875,000	1,001,762
Citigroup, Inc. (Greater of 3 month EURIBOR + 0.500% or 0.000%) 0.000%, 03/21/2023 (D)	920,000	1,052,690
Credit Agricole SA (6.875% to 9-23-24, then 5 Year U.S. Swap Rate + 4.319%) 09/23/2024 (A)(C)	\$ 205,000	223,706
Credit Agricole SA (7.875% to 1-23-24, then 5 Year U.S. Swap Rate + 4.898%) 01/23/2024 (A)(C)	825,000	902,344
Credit Suisse Group AG (5.100% to 1-24-30, then 5 Year CMT + 3.293%) 01/24/2030 (A)(B)(C)	420,000	420,525

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Credit Suisse Group AG (6.375% to 8-21-26, then 5 Year CMT + 4.822%) 08/21/2026 (A)(C)	\$ 855,000	\$ 921,519
DB Insurance Company, Ltd. 3.512%, 05/25/2024	KRW 1,000,000,000	856,613
3.865%, 05/25/2027	1,000,000,000	875,817
Deutsche Bank AG (6.000% to 10-30-25, then 5 Year CMT + 4.524%) 10/30/2025 (C)	\$ 800,000	831,000
European Financial Stability Facility 1.875%, 05/23/2023	EUR 380,000	447,277
European Investment Bank 1.500%, 05/12/2022	NOK 9,790,000	1,113,900
1.750%, 03/13/2025	1,470,000	167,464
European Investment Bank (SONIA + 0.350%) 0.399%, 06/29/2023 (D)	GBP 550,000	747,604
ING Groep NV (4.250% to 5-16-31, then 5 Year CMT + 2.862%) 05/16/2031 (C)	\$ 790,000	744,575
ING Groep NV (5.750% to 11-16-26, then 5 Year CMT + 4.342%) 11/16/2026 (C)	1,037,000	1,116,071
International Bank for Reconstruction & Development 1.900%, 01/16/2025	CAD 1,390,000	1,115,835
2.875%, 11/30/2026	NZD 715,000	492,773
3.375%, 01/25/2022	1,327,000	910,109
International Finance Corp. 0.375%, 09/10/2025	1,240,000	782,588
Intesa Sanpaolo SpA (4.198% to 6-1-31, then 1 Year CMT + 2.600%) 06/01/2032 (A)	\$ 740,000	746,419
Intesa Sanpaolo SpA (7.700% to 9-17-25, then 5 Year U.S. Swap Rate + 5.462%) 09/17/2025 (A)(C)	800,000	896,000
Lloyds Banking Group PLC (7.500% to 9-27-25, then 5 Year U.S. Swap Rate + 4.496%) 09/27/2025 (C)	640,000	723,337
Mexico Remittances Funding Fiduciary Estate Management Sarl 4.875%, 01/15/2028 (A)	630,000	587,481
MSCI, Inc. 3.250%, 08/15/2033 (A)	390,000	394,388
3.625%, 09/01/2030 to 11/01/2031 (A)	2,374,000	2,440,075
3.875%, 02/15/2031 (A)	765,000	796,556
NatWest Group PLC (4.600% to 6-28-31, then 5 Year CMT + 3.100%) 06/28/2031 (C)	410,000	401,800
NatWest Group PLC (6.000% to 12-29-25, then 5 Year CMT + 5.625%) 12/29/2025 (C)	840,000	919,229
Nordea Eiendoms-kreditt AS (3 month NIBOR + 0.300%) 0.820%, 06/21/2023 (D)	NOK 7,000,000	797,615
Nordea Eiendoms-kreditt AS (3 month NIBOR + 0.340%) 0.840%, 06/19/2024 (D)	12,000,000	1,369,387
Nordic Investment Bank 1.500%, 01/24/2022	1,000,000	113,470
1.875%, 04/10/2024	3,920,000	448,106
Popular, Inc. 6.125%, 09/14/2023	\$ 1,625,000	1,729,488
QNB Finance, Ltd. 3.500%, 03/28/2024	330,000	345,642
4.350%, 01/29/2022	CNY 1,860,000	292,100

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Royal Bank of Canada (4.200% to 2-24-27, then 5 Year Canada Government Bond Yield + 2.710%) 02/24/2027 (C)	CAD 615,000	\$ 484,323
Shinhan Financial Group Company, Ltd. (2.875% to 5-12-26, then 5 Year CMT + 2.064%) 05/12/2026 (A)(C)	\$ 880,000	867,645
Societe Generale SA (6.750% to 4-6-28, then 5 Year U.S. Swap Rate + 3.929%) 04/06/2028 (A)(C)	410,000	449,975
Societe Generale SA (8.000% to 9-29-25, then 5 Year ICE Swap Rate + 5.873%) 09/29/2025 (A)(C)	660,000	762,901
Swiss Insured Brazil Power Finance Sarl 9.850%, 07/16/2032 (A)	BRL 8,507,972	1,458,728
The Goldman Sachs Group, Inc. 1.375%, 05/15/2024	EUR 983,000	1,141,880
2.000%, 11/01/2028	208,000	256,934
3.375%, 03/27/2025	187,000	234,516
U.S. Bancorp 0.850%, 06/07/2024	2,560,000	2,975,781
U.S. Bancorp (3.700% to 1-15-27, then 5 Year CMT + 2.541%) 01/15/2027 (C)	\$ 1,277,000	1,276,745
UBS Group AG (3.875% to 6-2-26, then 5 Year CMT + 3.098%) 06/02/2026 (A)(C)	550,000	541,998
UBS Group AG (4.375% to 2-10-31, then 5 Year CMT + 3.313%) 02/10/2031 (A)(B)(C)	625,000	617,375
UBS Group AG (5.125% to 7-29-26, then 5 Year CMT + 4.855%) 07/29/2026 (C)	466,000	495,125
UniCredit SpA (5.459% to 6-30-30, then 5 Year CMT + 4.750%) 06/30/2035 (A)	210,000	228,802
UniCredit SpA (8.000% to 6-3-24, then 5 Year U.S. Swap Rate + 5.180%) 06/03/2024 (C)	400,000	438,000
Wells Fargo & Company 3.250%, 04/27/2022	AUD 1,120,000	822,295
3.750%, 01/24/2024	\$ 625,000	656,224
		50,624,158
Health care – 4.3%		
Allergan Funding SCS 1.250%, 06/01/2024	EUR 520,000	595,158
2.625%, 11/15/2028	300,000	367,864
Becton Dickinson Euro Finance Sarl 1.208%, 06/04/2026	745,000	876,612
Centene Corp. 2.500%, 03/01/2031	\$ 905,000	881,031
3.000%, 10/15/2030	1,795,000	1,824,635
3.375%, 02/15/2030	1,765,000	1,797,458
4.625%, 12/15/2029	260,000	280,400
DH Europe Finance II Sarl 0.450%, 03/18/2028	EUR 1,630,000	1,853,298
HCA, Inc. 3.500%, 09/01/2030	\$ 2,543,000	2,687,633
4.125%, 06/15/2029	1,175,000	1,292,942
5.375%, 02/01/2025	1,490,000	1,637,510
Jazz Securities DAC 4.375%, 01/15/2029 (A)	210,000	217,442
Mozart Debt Merger Sub, Inc. 3.875%, 04/01/2029 (A)	1,185,000	1,180,817
5.250%, 10/01/2029 (A)(B)	1,310,000	1,327,868

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Rede D'or Finance Sarl		
4.500%, 01/22/2030 (A)	\$ 367,000	\$ 357,186
4.950%, 01/17/2028 (A)	310,000	315,196
Thermo Fisher Scientific, Inc.		
0.500%, 03/01/2028	EUR 650,000	741,267
0.750%, 09/12/2024	282,000	327,199
1.400%, 01/23/2026	468,000	557,064
		19,118,580
Industrials – 4.9%		
Adani Ports & Special Economic Zone, Ltd.		
4.200%, 08/04/2027 (A)	\$ 370,000	383,918
AECOM		
5.125%, 03/15/2027	835,000	909,603
Airbus SE		
1.625%, 06/09/2030	EUR 255,000	310,967
American Airlines Group, Inc.		
5.000%, 06/01/2022 (A)	\$ 810,000	811,669
American Airlines, Inc.		
5.500%, 04/20/2026 (A)	970,000	1,008,679
5.750%, 04/20/2029 (A)	790,000	844,289
CoStar Group, Inc.		
2.800%, 07/15/2030 (A)	555,000	555,131
DAE Funding LLC		
3.375%, 03/20/2028 (A)	640,000	646,400
Delta Air Lines 2020-1 Class A Pass Through Trust		
2.500%, 06/10/2028	466,809	464,790
Delta Air Lines, Inc.		
2.900%, 10/28/2024	540,000	550,603
4.500%, 10/20/2025 (A)	320,000	336,324
4.750%, 10/20/2028 (A)	3,417,000	3,731,300
7.375%, 01/15/2026	165,000	194,254
Hidroviav International Finance SARL		
4.950%, 02/08/2031 (A)	350,000	319,641
Indian Railway Finance Corp., Ltd.		
3.249%, 02/13/2030 (A)	645,000	654,045
Johnson Controls International PLC		
0.375%, 09/15/2027	EUR 240,000	270,381
Mileage Plus Holdings LLC		
6.500%, 06/20/2027 (A)	\$ 840,000	896,700
Movida Europe SA		
5.250%, 02/08/2031 (A)	235,000	216,790
Prime Security Services Borrower LLC		
3.375%, 08/31/2027 (A)	105,000	101,366
Simpar Europe SA		
5.200%, 01/26/2031 (A)	315,000	293,741
Simpar Finance Sarl		
10.750%, 02/12/2028 (A)	BRL 3,000,000	451,876
The Boeing Company		
5.040%, 05/01/2027	\$ 1,035,000	1,165,404
5.150%, 05/01/2030	2,625,000	3,058,390
United Airlines 2020-1 Class A Pass Through Trust		
5.875%, 10/15/2027	1,129,125	1,233,415
United Rentals North America, Inc.		
3.875%, 02/15/2031	1,120,000	1,136,800
4.000%, 07/15/2030	660,000	678,150
4.875%, 01/15/2028	530,000	556,964
		21,781,590
Information technology – 1.6%		
Apple, Inc.		
0.875%, 05/24/2025	EUR 865,000	1,014,080
Atento Luxco 1 SA		
8.000%, 02/10/2026 (A)	\$ 486,000	517,901

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Block, Inc.		
3.500%, 06/01/2031 (A)	\$ 315,000	\$ 322,875
CDW LLC		
4.250%, 04/01/2028	165,000	170,363
Dell International LLC		
8.350%, 07/15/2046	541,000	899,417
Fidelity National Information Services, Inc.		
1.000%, 12/03/2028	EUR 425,000	491,637
1.500%, 05/21/2027	820,000	974,650
Fiserv, Inc.		
1.125%, 07/01/2027	290,000	340,840
Gartner, Inc.		
3.750%, 10/01/2030 (A)	\$ 475,000	485,640
SK Hynix, Inc.		
1.500%, 01/19/2026 (A)	485,000	474,374
Twilio, Inc.		
3.625%, 03/15/2029	465,000	469,106
3.875%, 03/15/2031	620,000	626,014
Ziff Davis, Inc.		
4.625%, 10/15/2030 (A)	296,000	303,589
		7,090,486
Materials – 5.7%		
ArcelorMittal SA		
4.550%, 03/11/2026	100,000	109,460
6.750%, 03/01/2041	485,000	654,799
7.250%, 10/15/2039	125,000	172,210
Ardagh Metal Packaging Finance USA LLC		
3.250%, 09/01/2028 (A)	960,000	949,224
4.000%, 09/01/2029 (A)	834,000	826,286
Ball Corp.		
2.875%, 08/15/2030	520,000	504,400
4.875%, 03/15/2026	1,035,000	1,140,053
5.250%, 07/01/2025	1,375,000	1,515,938
Berry Global, Inc.		
5.625%, 07/15/2027 (A)	590,000	617,288
Braskem Idesa SAPI		
6.990%, 02/20/2032 (A)	480,000	481,805
Braskem Netherlands Finance BV		
4.500%, 01/10/2028 (A)	570,000	604,200
5.875%, 01/31/2050 (A)	585,000	674,213
Cemex SAB de CV		
3.875%, 07/11/2031 (A)	770,000	767,174
Cleveland-Cliffs, Inc.		
4.625%, 03/01/2029 (A)	1,475,000	1,504,500
4.875%, 03/01/2031 (A)(B)	790,000	820,711
Crown Americas LLC		
4.250%, 09/30/2026	100,000	106,750
Crown Cork & Seal Company, Inc.		
7.375%, 12/15/2026	936,000	1,129,050
Ecolab, Inc.		
1.000%, 01/15/2024	EUR 330,000	383,012
FMG Resources August 2006 Proprietary, Ltd.		
4.375%, 04/01/2031 (A)	\$ 4,700,000	4,935,000
Freeport-McMoRan, Inc.		
4.125%, 03/01/2028	140,000	145,250
4.625%, 08/01/2030	985,000	1,056,413
5.450%, 03/15/2043	1,905,000	2,394,756
FS Luxembourg Sarl		
10.000%, 12/15/2025 (A)	870,000	953,746
Indonesia Asahan Aluminium Persero PT		
4.750%, 05/15/2025 (A)	1,090,000	1,159,041

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Materials (continued)		
SCIH Salt Holdings, Inc. 4.875%, 05/01/2028 (A)	\$ 945,000	\$ 907,200
St. Mary's Cement, Inc. 5.750%, 01/28/2027 (A)	830,000	931,717
Standard Industries, Inc. 3.375%, 01/15/2031 (A)	255,000	245,639
		25,689,835
Real estate – 1.3%		
American Tower Corp. 0.500%, 01/15/2028	EUR 270,000	301,553
1.950%, 05/22/2026	305,000	367,777
Crown Castle International Corp. 2.250%, 01/15/2031	\$ 215,000	209,464
Host Hotels & Resorts LP 3.375%, 12/15/2029	240,000	244,614
3.500%, 09/15/2030	240,000	246,370
SBA Communications Corp. 3.125%, 02/01/2029 (A)	955,000	916,800
3.875%, 02/15/2027	1,900,000	1,957,000
VICI Properties LP 4.125%, 08/15/2030 (A)	895,000	946,463
4.625%, 12/01/2029 (A)	385,000	409,727
		5,599,768
Utilities – 2.1%		
Adani Green Energy UP, Ltd. 6.250%, 12/10/2024 (A)	460,000	499,100
Adani Green Energy, Ltd. 4.375%, 09/08/2024 (A)	305,000	309,026
Chile Electricity PEC SpA 3.389%, 01/25/2028 (A)(E)	285,000	232,133
DPL, Inc. 4.125%, 07/01/2025	1,330,000	1,390,369
E.ON SE 0.375%, 09/29/2027	EUR 315,000	360,524
EDP Finance BV 0.375%, 09/16/2026	130,000	148,272
Engie SA 0.375%, 06/21/2027	300,000	341,825
FirstEnergy Corp. 4.400%, 07/15/2027	\$ 890,000	958,562
7.375%, 11/15/2031	1,355,000	1,828,437
Greenko Dutch BV 3.850%, 03/29/2026 (A)	605,775	611,106
Greenko Solar Mauritius, Ltd. 5.550%, 01/29/2025 (A)	430,000	438,389
Israel Electric Corp., Ltd. 6.875%, 06/21/2023 (A)	390,000	422,135
Perusahaan Perseroan Persero PT Perusahaan Listrik Negara 4.125%, 05/15/2027 (A)	1,440,000	1,536,538
The AES Corp. 3.950%, 07/15/2030 (A)	160,000	170,464
		9,246,880
TOTAL CORPORATE BONDS (Cost \$232,932,403)		\$ 237,347,336
CONVERTIBLE BONDS – 2.4%		
Communication services – 0.9%		
Cellnex Telecom SA 0.750%, 11/20/2031	EUR 600,000	671,656
DISH Network Corp. 3.375%, 08/15/2026	\$ 430,000	407,018
Liberty Broadband Corp. 1.250%, 09/30/2050 (A)	1,205,000	1,188,130

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
CONVERTIBLE BONDS (continued)		
Communication services (continued)		
Liberty Broadband Corp. (continued) 2.750%, 09/30/2050 (A)	\$ 815,000	\$ 825,583
Liberty Media Corp. 0.500%, 12/01/2050 (A)	500,000	717,500
		3,809,887
Consumer discretionary – 0.2%		
Burlington Stores, Inc. 2.250%, 04/15/2025	705,000	1,047,366
Energy – 0.2%		
BP Capital Markets PLC 1.000%, 04/28/2023	GBP 800,000	1,102,705
Industrials – 1.1%		
Air Canada 4.000%, 07/01/2025	\$ 500,000	659,400
American Airlines Group, Inc. 6.500%, 07/01/2025	1,395,000	1,926,495
Southwest Airlines Company 1.250%, 05/01/2025	915,000	1,219,695
Uber Technologies, Inc. 0.466%, 12/15/2025 (E)	945,000	927,518
		4,733,108
TOTAL CONVERTIBLE BONDS (Cost \$10,366,681)		\$ 10,693,066
CAPITAL PREFERRED SECURITIES – 0.1%		
Financials – 0.1%		
USB Capital IX (Greater of 3 month LIBOR + 1.020% or 3.500%) 3.500%, 01/31/2022 (C)(D)	624,000	600,933
TOTAL CAPITAL PREFERRED SECURITIES (Cost \$560,045)		\$ 600,933
TERM LOANS (F) – 8.0%		
Communication services – 0.9%		
AP Core Holdings II LLC, Amortization Term Loan B1 (1 month LIBOR + 5.500%) 6.250%, 09/01/2027	701,125	700,466
AP Core Holdings II LLC, High-Yield Term Loan B2 (1 month LIBOR + 5.500%) 6.250%, 09/01/2027	490,000	490,407
SBA Senior Finance II LLC, 2018 Term Loan B 04/11/2025 TBD (G)	1,186,851	1,172,763
Univision Communications, Inc., 2021 First Lien Term Loan B (1 month LIBOR + 3.250%) 4.000%, 03/15/2026	791,025	791,769
WMG Acquisition Corp., 2021 Term Loan G (1 month LIBOR + 2.125%) 2.229%, 01/20/2028	915,000	910,883
		4,066,288
Consumer discretionary – 2.4%		
APX Group, Inc., 2021 Term Loan B (Prime rate + 2.500% and 1 month LIBOR + 3.500%) 4.005%, 07/10/2028	365,000	363,985
Aramark Services, Inc., 2018 Term Loan B3 (1 month LIBOR + 1.750%) 1.851%, 03/11/2025	1,020,000	1,006,291
Bally's Corp., 2021 Term Loan B (6 month LIBOR + 3.250%) 3.750%, 10/02/2028	505,000	504,788

John Hancock Variable Insurance Trust

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Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (F) (continued)		
Consumer discretionary (continued)		
Burlington Coat Factory Warehouse Corp., 2021 Term Loan B6 (3 month LIBOR + 2.000%) 2.110%, 06/24/2028	\$ 910,425	\$ 904,352
Carnival Corp., 2021 Incremental Term Loan B (6 month LIBOR + 3.250%) 4.000%, 10/18/2028	470,000	465,300
Carnival Corp., USD Term Loan B (3 month LIBOR + 3.000%) 3.750%, 06/30/2025	1,208,112	1,196,031
Hilton Grand Vacations Borrower LLC, 2021 Term Loan B (1 month LIBOR + 3.000%) 3.500%, 08/02/2028	418,950	419,264
Hilton Worldwide Finance LLC, 2019 Term Loan B2 (1 month LIBOR + 1.750%) 1.852%, 06/22/2026	800,000	792,744
KFC Holding Company, 2021 Term Loan B (1 month LIBOR + 1.750%) 1.854%, 03/15/2028	1,353,544	1,348,752
Marriott Ownership Resorts, Inc., 2019 Term Loan B (1 month LIBOR + 1.750%) 1.854%, 08/29/2025	780,000	765,866
New Red Finance, Inc., Term Loan B4 (1 month LIBOR + 1.750%) 1.854%, 11/19/2026	1,591,820	1,567,943
RH, Term Loan B (3 month LIBOR + 2.500%) 3.000%, 10/20/2028	748,125	745,881
Whatabrands LLC, 2021 Term Loan B (1 month LIBOR + 3.250%) 3.750%, 08/03/2028	791,000	787,401
		10,868,598
Energy – 0.5%		
Pilot Travel Centers LLC, 2021 Term Loan B (1 month LIBOR + 2.000%) 2.104%, 08/04/2028	1,570,000	1,559,340
Southwestern Energy Company, 2021 Term Loan (3 month SOFR + 2.500%) 3.000%, 06/22/2027	495,000	495,312
		2,054,652
Financials – 0.2%		
Asurion LLC, 2021 Second Lien Term Loan B4 (1 month LIBOR + 5.250%) 5.354%, 01/20/2029	650,000	646,887
Asurion LLC, 2021 Term Loan B9 (1 month LIBOR + 3.250%) 3.354%, 07/31/2027	482,569	479,191
		1,126,078
Health care – 1.7%		
Avantor Funding, Inc., 2021 Term Loan B5 (1 month LIBOR + 2.250%) 2.750%, 11/08/2027	1,950,113	1,947,675
ICON Luxembourg Sarl, LUX Term Loan (3 month LIBOR + 2.250%) 2.750%, 07/03/2028	971,351	970,943
Jazz Financing Lux Sarl, USD Term Loan (1 month LIBOR + 3.500%) 4.000%, 05/05/2028	1,228,825	1,232,745
Mozart Borrower LP, USD Term Loan B (1 month LIBOR + 3.250%) 3.750%, 10/23/2028	1,225,000	1,224,461
Organon & Company, USD Term Loan (3 month LIBOR + 3.000%) 3.500%, 06/02/2028	1,264,006	1,264,271

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (F) (continued)		
Health care (continued)		
Padagis LLC, Term Loan B (3 month LIBOR + 4.750%) 5.250%, 07/06/2028	\$ 686,118	\$ 681,829
PRA Health Sciences, Inc., US Term Loan (3 month LIBOR + 2.250%) 2.750%, 07/03/2028	242,017	241,915
		7,563,839
Industrials – 1.8%		
AECOM, 2021 Term Loan B (1 month LIBOR + 1.750%) 1.852%, 04/13/2028	1,317,698	1,317,698
Air Canada, 2021 Term Loan B (3 month LIBOR + 3.500%) 4.250%, 08/11/2028	1,080,000	1,075,561
Brown Group Holding LLC, Term Loan B (3 month LIBOR + 2.500%) 3.000%, 06/07/2028	528,377	527,056
Clean Harbors, Inc., 2021 Incremental Term Loan B (1 month LIBOR + 2.000%) 2.104%, 10/08/2028	470,000	469,121
JELD-WEN, Inc., 2021 Term Loan B (1 month LIBOR + 2.250%) 2.351%, 07/28/2028	339,150	338,726
MillerKnoll, Inc., Term Loan B (1 month LIBOR + 2.000%) 2.125%, 07/19/2028	825,000	823,796
Setanta Aircraft Leasing DAC, Term Loan B (3 month LIBOR + 2.000%) 2.140%, 11/05/2028	460,000	459,425
The Hertz Corp., 2021 Term Loan B (1 month LIBOR + 3.250%) 3.750%, 06/30/2028	694,212	694,212
The Hertz Corp., 2021 Term Loan C (1 month LIBOR + 3.250%) 3.750%, 06/30/2028	131,710	131,710
Trans Union LLC, 2021 Term Loan B6 12/01/2028 TBD (G)	535,000	533,261
United Airlines, Inc., 2021 Term Loan B (3 month LIBOR + 3.750%) 4.500%, 04/21/2028	1,565,153	1,567,281
Worldwide Express, Inc., 2021 First Lien Term Loan (6 month LIBOR + 4.250%) 5.000%, 07/26/2028	320,000	320,666
		8,258,513
Information technology – 0.2%		
Cornerstone OnDemand, Inc., 2021 Term Loan (3 month LIBOR + 3.750%) 4.250%, 10/16/2028	345,000	343,644
Sabre GLBL, Inc., 2021 Term Loan B1 (1 month LIBOR + 3.500%) 4.000%, 12/17/2027	151,101	149,023
Sabre GLBL, Inc., 2021 Term Loan B2 (1 month LIBOR + 3.500%) 4.000%, 12/17/2027	240,870	237,558
		730,225
Materials – 0.3%		
Pretium PKG Holdings, Inc., 2021 First Lien Term Loan (6 month LIBOR + 4.000%) 4.500%, 10/02/2028	415,000	413,809
SCIH Salt Holdings, Inc., 2021 Incremental Term Loan B (3 month LIBOR + 4.000%) 4.750%, 03/16/2027	893,846	884,166

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
TERM LOANS (F) (continued)		
Materials (continued)		
Standard Industries, Inc., 2021 Term Loan B (3 month LIBOR + 2.500%) 3.000%, 09/22/2028	\$ 86,434	\$ 86,470
		1,384,445
TOTAL TERM LOANS (Cost \$36,113,565)		\$ 36,052,638
COLLATERALIZED MORTGAGE OBLIGATIONS – 0.6%		
Commercial and residential – 0.6%		
Arroyo Mortgage Trust Series 2019-1, Class A1 3.805%, 01/25/2049 (A)(H)	468,874	470,389
BX Commercial Mortgage Trust Series 2019-XL, Class A (1 month LIBOR + 0.920%), 1.010%, 10/15/2036 (A)(D)	1,426,546	1,426,940
Series 2021-VOLT, Class A (1 month LIBOR + 0.700%), 0.790%, 09/15/2036 (A)(D)	535,000	533,175
CSMC Trust Series 2019-NQM1, Class A1 2.656%, 10/25/2059 (A)	177,883	179,214
HarborView Mortgage Loan Trust Series 2007-3, Class ES IO, 0.350%, 05/19/2047 (A)	3,822,038	39,888
Series 2007-4, Class ES IO, 0.350%, 07/19/2047	4,085,915	54,443
Series 2007-6, Class ES IO, 0.343%, 08/19/2037 (A)	4,052,877	57,431
Morgan Stanley Mortgage Loan Trust Series 2004-9, Class 1A 5.382%, 11/25/2034 (H)	91,197	97,555
		2,859,035
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$2,692,529)		\$ 2,859,035
ASSET BACKED SECURITIES – 1.0%		
Bravo Mortgage Asset Trust Series 2006-1A, Class A2 (1 month LIBOR + 0.240%) 0.332%, 07/25/2036 (A)(D)	19,482	19,479
DB Master Finance LLC Series 2019-1A, Class A2II 4.021%, 05/20/2049 (A)	474,088	490,717
Domino's Pizza Master Issuer LLC Series 2015-1A, Class A2II 4.474%, 10/25/2045 (A)	859,750	882,819
FirstKey Homes Trust Series 2020-SFR2, Class A 1.266%, 10/19/2037 (A)	284,189	277,040
Home Partners of America Trust Series 2019-1, Class B 3.157%, 09/17/2039 (A)	375,830	385,571
Jack in the Box Funding LLC Series 2019-1A, Class A2II 4.476%, 08/25/2049 (A)	590,538	612,967
MVW Owner Trust Series 2018-1A, Class A 3.450%, 01/21/2036 (A)	196,369	201,894
Taco Bell Funding LLC Series 2016-1A, Class A23 4.970%, 05/25/2046 (A)	1,489,800	1,554,387
TOTAL ASSET BACKED SECURITIES (Cost \$4,289,245)		\$ 4,424,874

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
COMMON STOCKS – 3.3%		
Communication services – 0.0%		
Vertis Holdings, Inc. (I)(J)	8,371	\$ 0
Consumer discretionary – 0.3%		
General Motors Company (J)	24,981	1,464,636
Financials – 1.3%		
CIT Group, Inc.	17,920	920,013
Credit Agricole SA	66,195	943,762
Credit Suisse Group AG, ADR (B)	63,906	616,054
Societe Generale SA	30,080	1,033,811
Synovus Financial Corp.	19,905	952,852
U.S. Bancorp	26,223	1,472,946
		5,939,438
Industrials – 0.7%		
Delta Air Lines, Inc. (J)	24,829	970,317
The Boeing Company (J)	10,242	2,061,893
		3,032,210
Real estate – 0.3%		
Americold Realty Trust	36,756	1,205,229
Utilities – 0.7%		
Algonquin Power & Utilities Corp.	25,100	1,185,724
Dominion Energy, Inc.	18,000	1,811,520
		2,997,244
TOTAL COMMON STOCKS (Cost \$15,383,630)		\$ 14,638,757
PREFERRED SECURITIES – 3.9%		
Communication services – 0.2%		
2020 Cash Mandatory Exchangeable Trust, 5.250% (A)	1,080	1,126,127
Financials – 0.7%		
Stifel Financial Corp., 4.500%	32,750	845,278
U.S. Bancorp (Greater of 3 month LIBOR + 1.020% or 3.500%), 3.500% (D)	804	771,840
Valley National Bancorp (5.500% to 9-30-22, then 3 month LIBOR + 3.578%)	22,825	580,896
Wells Fargo & Company (5.850% to 9-15-23, then 3 month LIBOR + 3.090%)	27,605	739,538
		2,937,552
Health care – 0.4%		
Becton, Dickinson and Company, 6.000%	10,850	572,338
Danaher Corp., 4.750%	570	1,250,580
		1,822,918
Industrials – 0.3%		
Stanley Black & Decker, Inc., 5.250% (B)	10,400	1,135,576
Information technology – 0.4%		
Broadcom, Inc., 8.000%	840	1,743,328
Sabre Corp., 6.500%	2,400	275,448
		2,018,776
Utilities – 1.9%		
American Electric Power Company, Inc., 6.125%	23,350	1,228,210
DTE Energy Company, 6.250%	20,150	1,034,501
NextEra Energy, Inc., 4.872%	26,200	1,783,958
NextEra Energy, Inc., 5.279%	28,350	1,631,259
NextEra Energy, Inc., 6.219%	17,400	1,007,634
The Southern Company, 6.750%	33,300	1,789,875
		8,475,437
TOTAL PREFERRED SECURITIES (Cost \$15,394,616)		\$ 17,516,386

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

	Shares or Principal Amount	Value
PURCHASED OPTIONS – 0.0%		
Puts – 0.0%		
Over the Counter Option on the USD vs. CAD (Expiration Date: 4-11-22; Strike Price: \$1.22; Counterparty: Canadian Imperial Bank of Commerce) (J)(K)	12,240,000	\$ 23,733
TOTAL PURCHASED OPTIONS (Cost \$140,760)		\$ 23,733
SHORT-TERM INVESTMENTS – 4.2%		
Short-term funds – 1.5%		
John Hancock Collateral Trust, 0.1697% (L)(M)	690,164	6,903,711
Repurchase agreement – 2.7%		
Repurchase Agreement with State Street Corp. dated 12-31-21 at 0.000% to be repurchased at \$11,988,000 on 1-3-22, collateralized by \$12,352,300 U.S. Treasury Notes, 1.250% due 6-30-28 (valued at \$12,227,814)	\$ 11,988,000	11,988,000
TOTAL SHORT-TERM INVESTMENTS (Cost \$18,892,760)		\$ 18,891,711
Total Investments (Strategic Income Opportunities Trust) (Cost \$446,291,618) – 100.8%		\$ 451,834,659
Other assets and liabilities, net – (0.8%)		(3,720,607)
TOTAL NET ASSETS – 100.0%		\$ 448,114,052

Currency Abbreviations

AUD	Australian Dollar
BRL	Brazilian Real
CAD	Canadian Dollar
CNY	Chinese Yuan Renminbi
COP	Colombian Peso
EUR	Euro
GBP	Pound Sterling
IDR	Indonesian Rupiah
INR	Indian Rupee
JPY	Japanese Yen
KRW	Korean Won
MXN	Mexican Peso
MYR	Malaysian Ringgit
NOK	Norwegian Krone
NZD	New Zealand Dollar
PHP	Philippine Peso

DERIVATIVES

FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis [^]	Notional value [^]	Unrealized appreciation (depreciation)
Euro-BTP Italian Government Bond Futures	15	Long	Mar 2022	\$2,558,224	\$2,510,578	\$(47,646)
10-Year U.S. Treasury Note Futures	23	Short	Mar 2022	(2,971,286)	(3,000,781)	(29,495)
Euro-Buxl Futures	4	Short	Mar 2022	(987,485)	(941,494)	45,991
German Euro BUND Futures	24	Short	Mar 2022	(4,758,159)	(4,682,512)	75,647
U.S. Treasury Long Bond Futures	275	Short	Mar 2022	(43,655,137)	(44,120,313)	(465,176)
Ultra U.S. Treasury Bond Futures	7	Short	Mar 2022	(1,010,341)	(1,025,063)	(14,722)
						\$(435,401)

[^] Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

Strategic Income Opportunities Trust (continued)

SGD Singapore Dollar

Security Abbreviations and Legend

ADR	American Depositary Receipt
CMT	Constant Maturity Treasury
EURIBOR	Euro Interbank Offered Rate
ICE	Intercontinental Exchange
IO	Interest-Only Security - (Interest Tranche of Stripped Mortgage Pool). Rate shown is the annualized yield at the end of the period.
LIBOR	London Interbank Offered Rate
NIBOR	Norwegian Interbank Offered Rate
SOFR	Secured Overnight Financing Rate
SONIA	Sterling Overnight Interbank Average 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 \$146,035,919 or 32.6% of the fund's net assets as of 12-31-21.
(B)	All or a portion of this security is on loan as of 12-31-21.
(C)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(D)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(E)	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.
(F)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(G)	This position represents an unsettled loan commitment at period end. Certain details associated with this purchase are not known prior to the settlement date, including coupon rate, which is disclosed as TBD (To Be Determined).
(H)	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. The interest rate shown is the current rate as of period end.
(I)	Security is valued using significant unobservable inputs and is classified as Level 3 in the fair value hierarchy. Refer to Note 2 to the financial statements.
(J)	Non-income producing security.
(K)	For this type of option, notional amounts are equivalent to number of contracts.
(L)	The rate shown is the annualized seven-day yield as of 12-31-21.
(M)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

FORWARD FOREIGN CURRENCY CONTRACTS

	Contract to buy	Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation	
AUD	7,139,500	NZD	7,444,194	GSI	1/19/2022	\$96,791	—
AUD	2,860,000	NZD	3,000,569	JPM	1/19/2022	26,097	—
AUD	1,426,500	NZD	1,499,100	MSCS	1/19/2022	11,313	—
AUD	1,735,605	USD	1,260,813	BARC	1/19/2022	1,977	—
AUD	1,735,605	USD	1,266,662	CITI	1/19/2022	—	\$(3,872)
AUD	10,119,469	USD	7,448,810	GSI	1/19/2022	—	(86,094)
AUD	2,849,652	USD	2,112,067	JPM	1/19/2022	—	(38,719)
AUD	1,727,989	USD	1,269,441	UBS	1/19/2022	—	(12,192)
BRL	1,958,068	USD	343,460	CITI	1/19/2022	6,893	—
CAD	2,436,356	GBP	1,435,625	MSCS	1/19/2022	—	(17,107)
CAD	14,521,136	GBP	8,613,750	SSB	1/19/2022	—	(179,325)
CAD	2,538,833	NZD	2,858,750	UBS	1/19/2022	49,373	—
CAD	12,053,463	USD	9,623,550	BARC	1/19/2022	—	(94,870)
CAD	5,992,834	USD	4,851,519	CIBC	1/19/2022	—	(113,976)
CAD	5,392,769	USD	4,290,000	CITI	1/19/2022	—	(26,830)
CAD	4,136,818	USD	3,277,700	HUS	1/19/2022	—	(7,401)
CAD	7,144,617	USD	5,719,167	JPM	1/19/2022	—	(71,099)
CAD	1,139,561	USD	905,073	MSCS	1/19/2022	—	(4,211)
CAD	5,842,137	USD	4,698,599	RBC	1/19/2022	—	(80,188)
CAD	3,625,153	USD	2,874,167	SCB	1/19/2022	—	(8,357)
CAD	5,508,583	USD	4,311,250	SSB	1/19/2022	43,476	—
CAD	5,532,079	USD	4,307,917	UBS	1/19/2022	65,383	—
EUR	1,423,750	GBP	1,220,286	CIBC	1/19/2022	—	(30,246)
EUR	1,443,750	GBP	1,224,488	MSCS	1/19/2022	—	(13,157)
EUR	1,423,750	GBP	1,221,950	SCB	1/19/2022	—	(32,498)
EUR	1,443,750	GBP	1,237,667	SSB	1/19/2022	—	(30,994)
EUR	2,847,500	GBP	2,440,437	UBS	1/19/2022	—	(60,310)
EUR	166,674	USD	194,627	BMO	1/19/2022	—	(4,812)
EUR	3,057,526	USD	3,535,332	CIBC	1/19/2022	—	(53,304)
EUR	2,036,814	USD	2,362,602	GSI	1/19/2022	—	(43,000)
EUR	2,036,814	USD	2,370,045	HUS	1/19/2022	—	(50,442)
EUR	4,089,115	USD	4,803,410	MSCS	1/19/2022	—	(146,568)
EUR	4,893,766	USD	5,668,179	SSB	1/19/2022	—	(94,970)
EUR	2,029,599	USD	2,325,657	UBS	1/19/2022	—	(14,271)
GBP	4,215,625	CAD	7,067,676	CITI	1/19/2022	118,643	—
GBP	1,720,766	CAD	2,871,318	JPM	1/19/2022	59,195	—
GBP	1,390,000	CAD	2,337,815	RBC	1/19/2022	33,253	—
GBP	1,435,625	CAD	2,406,163	SSB	1/19/2022	40,975	—
GBP	1,226,892	EUR	1,433,750	BARC	1/19/2022	27,799	—
GBP	4,906,471	EUR	5,715,000	SSB	1/19/2022	132,488	—
GBP	3,095,789	EUR	3,609,038	UBS	1/19/2022	80,066	—
GBP	1,440,000	USD	1,924,547	BARC	1/19/2022	24,505	—
GBP	1,440,000	USD	1,924,276	HUS	1/19/2022	24,776	—
GBP	5,760,000	USD	7,773,857	SCB	1/19/2022	22,353	—
JPY	114,397,628	USD	1,039,582	ANZ	1/19/2022	—	(44,980)
JPY	321,107,729	USD	2,925,000	CIBC	1/19/2022	—	(133,208)
JPY	319,648,043	USD	2,846,667	HUS	1/19/2022	—	(67,566)
JPY	296,191,881	USD	2,670,831	SSB	1/19/2022	—	(95,664)
JPY	919,459,506	USD	8,244,183	UBS	1/19/2022	—	(250,170)
MXN	31,257,546	USD	1,437,500	GSI	1/19/2022	85,290	—
MXN	30,812,318	USD	1,437,500	HUS	1/19/2022	63,599	—
NZD	1,893,322	AUD	1,793,326	ANZ	1/19/2022	—	(8,246)
NZD	4,509,369	AUD	4,283,000	BARC	1/19/2022	—	(28,220)
NZD	7,937,621	AUD	7,499,326	CITI	1/19/2022	—	(20,698)
NZD	1,501,647	AUD	1,430,000	MSCS	1/19/2022	—	(12,116)
NZD	2,858,750	CAD	2,515,386	UBS	1/19/2022	—	(30,836)
NZD	4,303,983	USD	2,986,573	HUS	1/19/2022	—	(39,220)
NZD	941,767	USD	660,384	RBC	1/19/2022	—	(15,465)
NZD	1,883,533	USD	1,310,225	SSB	1/19/2022	—	(20,387)
NZD	445,000	USD	312,921	UBS	1/19/2022	—	(8,187)
SEK	14,752,875	EUR	1,433,125	RBC	1/19/2022	737	—
SGD	2,583,531	USD	1,907,129	CIBC	1/19/2022	9,827	—
SGD	7,723,085	USD	5,707,066	CITI	1/19/2022	23,394	—
SGD	3,849,919	USD	2,849,883	GSI	1/19/2022	6,722	—
SGD	2,582,329	USD	1,907,129	HUS	1/19/2022	8,936	—
SGD	5,170,389	USD	3,814,258	JPM	1/19/2022	22,124	—
SGD	2,586,296	USD	1,907,129	MSCS	1/19/2022	11,879	—

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued) FORWARD FOREIGN CURRENCY CONTRACTS (continued)

	Contract to buy	Contract to sell	Counterparty (OTC)	Contractual settlement date	Unrealized appreciation	Unrealized depreciation	
SGD	1,183,052	USD	873,993	UBS	1/19/2022	\$3,821	—
USD	3,331,489	AUD	4,595,377	BARC	1/19/2022	—	\$(12,013)
USD	766,069	AUD	1,037,683	CIBC	1/19/2022	11,073	—
USD	2,230,381	AUD	3,032,734	CITI	1/19/2022	23,827	—
USD	1,081,689	AUD	1,434,167	GSI	1/19/2022	38,219	—
USD	766,308	AUD	1,034,203	HUS	1/19/2022	13,843	—
USD	4,331,635	AUD	5,872,528	MSCS	1/19/2022	58,905	—
USD	3,144,529	AUD	4,257,825	RBC	1/19/2022	46,624	—
USD	1,239,122	AUD	1,742,877	SSB	1/19/2022	—	(28,960)
USD	4,217,670	BRL	23,208,578	SSB	1/19/2022	65,001	—
USD	7,572,984	CAD	9,672,551	BARC	1/19/2022	—	(73,503)
USD	2,904,127	CAD	3,670,265	CIBC	1/19/2022	2,655	—
USD	4,486,909	CAD	5,624,784	CITI	1/19/2022	40,321	—
USD	3,273,817	CAD	4,164,448	GSI	1/19/2022	—	(18,323)
USD	2,861,818	CAD	3,604,806	HUS	1/19/2022	12,094	—
USD	3,235,900	CAD	4,067,922	MSCS	1/19/2022	20,066	—
USD	8,779,901	CAD	11,118,910	RBC	1/19/2022	—	(9,983)
USD	1,425,000	CAD	1,821,917	SCB	1/19/2022	—	(15,288)
USD	2,865,833	CAD	3,620,238	SSB	1/19/2022	3,909	—
USD	202,532	CAD	257,500	TD	1/19/2022	—	(1,030)
USD	8,581,136	CAD	10,746,963	UBS	1/19/2022	85,289	—
USD	9,346,775	EUR	8,129,131	BARC	1/19/2022	89,008	—
USD	2,384,575	EUR	2,030,462	CITI	1/19/2022	72,206	—
USD	11,618,273	EUR	9,970,785	GSI	1/19/2022	263,159	—
USD	6,969,321	EUR	6,109,649	HUS	1/19/2022	11,417	—
USD	1,194,408	EUR	1,019,797	JPM	1/19/2022	33,024	—
USD	1,188,251	EUR	1,015,231	MSCS	1/19/2022	32,066	—
USD	4,738,803	EUR	4,070,056	SSB	1/19/2022	103,667	—
USD	16,076,390	EUR	13,578,606	UBS	1/19/2022	612,558	—
USD	3,866,863	GBP	2,852,500	BARC	1/19/2022	5,980	—
USD	10,076,372	GBP	7,420,431	HUS	1/19/2022	32,753	—
USD	13,349,610	GBP	9,881,499	MSCS	1/19/2022	—	(25,084)
USD	6,015,368	GBP	4,430,170	SSB	1/19/2022	19,095	—
USD	2,168,390	GBP	1,609,444	UBS	1/19/2022	—	(10,007)
USD	5,137,431	JPY	562,557,448	CITI	1/19/2022	246,415	—
USD	2,853,333	JPY	325,124,493	GSI	1/19/2022	26,619	—
USD	3,835,628	JPY	432,615,739	HUS	1/19/2022	74,358	—
USD	1,426,667	JPY	162,579,652	RBC	1/19/2022	13,158	—
USD	2,853,704	JPY	324,511,984	SCB	1/19/2022	32,315	—
USD	5,517,649	JPY	611,122,588	SSB	1/19/2022	204,395	—
USD	1,519,540	MXN	32,897,779	CITI	1/19/2022	—	(83,158)
USD	1,437,500	MXN	31,560,388	JPM	1/19/2022	—	(100,044)
USD	1,329,597	MXN	28,658,886	MSCS	1/19/2022	—	(66,592)
USD	4,476,580	MXN	97,633,423	SSB	1/19/2022	—	(279,878)
USD	1,821,532	NOK	15,383,567	MSCS	1/19/2022	75,177	—
USD	4,007,370	NOK	34,018,068	UBS	1/19/2022	145,612	—
USD	734,932	NZD	1,091,572	ANZ	1/19/2022	—	(12,574)
USD	625,826	NZD	887,445	BARC	1/19/2022	18,107	—
USD	3,307,035	NZD	4,711,217	CITI	1/19/2022	80,809	—
USD	1,814,218	NZD	2,605,487	GSI	1/19/2022	29,989	—
USD	1,243,448	NZD	1,774,890	RBC	1/19/2022	28,009	—
USD	132,654	NZD	185,421	SSB	1/19/2022	5,678	—
USD	4,757,050	NZD	6,821,801	UBS	1/19/2022	85,503	—
USD	1,938,727	SGD	2,653,400	BARC	1/19/2022	—	(30,072)
USD	7,329,270	SGD	9,989,630	CITI	1/19/2022	—	(82,945)
USD	3,841,516	SGD	5,217,576	GSI	1/19/2022	—	(29,878)
USD	7,611,266	SGD	10,247,504	HUS	1/19/2022	7,711	—
USD	1,902,789	SGD	2,554,923	JPM	1/19/2022	7,060	—
USD	3,841,516	SGD	5,209,118	MSCS	1/19/2022	—	(23,602)
USD	1,999,579	SGD	2,729,478	SSB	1/19/2022	—	(25,669)
USD	5,744,306	SGD	7,768,844	UBS	1/19/2022	—	(20,107)
						\$3,879,359	\$(3,042,486)

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Strategic Income Opportunities Trust (continued)

Derivatives Currency Abbreviations

AUD	Australian Dollar
BRL	Brazilian Real
CAD	Canadian Dollar
EUR	Euro
GBP	Pound Sterling
JPY	Japanese Yen
MXN	Mexican Peso
NOK	Norwegian Krone
NZD	New Zealand Dollar
SEK	Swedish Krona
SGD	Singapore Dollar
USD	U.S. Dollar

Derivatives Abbreviations

ANZ	Australia and New Zealand Banking Group Limited
BARC	Barclays Bank PLC
BMO	Bank of Montreal
CIBC	Canadian Imperial Bank of Commerce
CITI	Citibank, N.A.
GSI	Goldman Sachs International
HUS	HSBC Bank USA, N.A.
JPM	JPMorgan Chase Bank, N.A.
MSCS	Morgan Stanley Capital Services LLC
OTC	Over-the-counter
RBC	Royal Bank of Canada
SCB	Standard Chartered Bank
SSB	State Street Bank and Trust Company
TD	The Toronto-Dominion Bank
UBS	UBS AG

See Notes to financial statements regarding investment transactions and other derivatives information.

Total Bond Market Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 63.0%		
U.S. Government – 34.0%		
U.S. Treasury Bonds		
1.250%, 05/15/2050	\$ 8,000,000	\$ 6,793,438
1.875%, 02/15/2041	2,000,000	1,979,609
2.000%, 02/15/2050	3,000,000	3,047,227
2.250%, 08/15/2049	2,000,000	2,140,547
2.750%, 08/15/2047	3,000,000	3,491,016
2.875%, 05/15/2049	1,500,000	1,806,914
3.000%, 02/15/2047 to 02/15/2049	28,635,000	34,803,915
4.250%, 05/15/2039 to 11/15/2040	4,610,000	6,329,522
4.375%, 05/15/2041	1,830,000	2,577,941
4.625%, 02/15/2040	5,000,000	7,181,445
4.750%, 02/15/2041	2,000,000	2,942,422
U.S. Treasury Notes		
0.125%, 10/31/2022 to 02/28/2023	16,000,000	15,963,438
0.250%, 11/15/2023 to 10/31/2025	32,000,000	31,331,563
0.375%, 09/15/2024 to 07/31/2027	9,000,000	8,728,516
0.500%, 10/31/2027	12,000,000	11,419,687
0.625%, 03/31/2027 to 05/15/2030	16,000,000	15,149,609
0.750%, 12/31/2026	4,000,000	3,924,062
0.875%, 09/30/2026	5,000,000	4,910,742
1.250%, 08/31/2024 to 08/15/2031	10,000,000	9,934,179
1.375%, 08/31/2026	5,000,000	5,029,102
1.500%, 01/31/2027	5,000,000	5,055,273
1.625%, 08/15/2029	8,000,000	8,115,938
1.750%, 07/15/2022 to 12/31/2024	8,000,000	8,138,086
2.000%, 02/15/2022	4,750,000	4,760,764

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government (continued)		
U.S. Treasury Notes (continued)		
2.125%, 05/31/2026	\$ 3,000,000	\$ 3,116,016
2.250%, 11/15/2027	20,595,000	21,622,336
2.375%, 05/15/2029	5,000,000	5,329,102
2.625%, 02/28/2023	3,000,000	3,074,180
2.750%, 04/30/2023	3,500,000	3,602,266
2.875%, 11/30/2023 to 05/15/2028	9,300,000	10,010,891
3.000%, 10/31/2025	2,000,000	2,138,984
		254,448,730
U.S. Government Agency – 29.0%		
Federal Home Loan Bank		
5.500%, 07/15/2036	1,690,000	2,450,681
Federal Home Loan Mortgage Corp.		
2.000%, 07/01/2035	882,158	904,690
2.112%, (12 month LIBOR + 1.863%), 08/01/2037 (A)	401,939	419,345
2.375%, 01/13/2022	1,500,000	1,500,976
2.475%, (12 month LIBOR + 2.100%), 02/01/2037 (A)	56,059	58,878
2.500%, 04/01/2031 to 08/01/2050	4,815,883	4,932,223
2.750%, 06/19/2023	2,000,000	2,062,749
3.000%, 07/01/2032 to 08/01/2046	4,189,465	4,407,414
3.500%, 12/01/2025 to 06/01/2048	3,181,826	3,387,569
4.000%, 02/01/2024 to 09/01/2047	1,458,500	1,569,481
4.500%, 05/01/2024 to 11/01/2048	2,452,517	2,651,530
5.000%, 06/01/2023 to 09/01/2039	194,817	217,316

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Federal Home Loan		
Mortgage Corp. (continued)		
5.500%, 02/01/2023 to 01/01/2039	\$ 331,168	\$ 376,442
6.000%, 10/01/2036 to 10/01/2038	157,735	183,365
6.250%, 07/15/2032	450,000	646,461
6.500%, 08/01/2037 to 08/01/2038	33,538	40,006
6.750%, 09/15/2029	1,200,000	1,653,303
7.000%, 04/01/2029 to 10/01/2038	28,806	34,304
7.500%, 09/01/2030 to 03/01/2032	4,704	5,509
8.000%, 02/01/2030	599	683
Federal National Mortgage Association		
1.500%, TBA (B)	6,700,000	6,543,483
1.560%, (6 month LIBOR + 1.415%), 07/01/2034 (A)	86,477	88,152
1.724%, (12 month LIBOR + 1.387%), 01/01/2035 (A)	66,648	68,443
1.851%, (12 month LIBOR + 1.575%), 09/01/2037 (A)	56,981	58,949
2.000%, TBA (B)	34,870,000	34,903,910
2.000%, 02/01/2035 to 11/01/2050	14,240,758	14,341,693
2.070%, (12 month LIBOR + 1.791%), 04/01/2037 (A)	103,896	108,474
2.125%, 04/24/2026	2,000,000	2,073,975
2.175%, (12 month LIBOR + 1.925%), 10/01/2037 (A)	18,854	19,722
2.310%, (1 Year CMT + 2.185%), 05/01/2036 (A)	46,759	49,453
2.500%, TBA (B)	15,630,000	16,013,452
2.500%, 05/01/2028 to 11/01/2050	13,101,148	13,414,001
2.625%, 09/06/2024	1,000,000	1,046,093
3.000%, TBA (B)	8,900,000	9,223,668
3.000%, 01/01/2027 to 12/01/2049	11,099,479	11,651,646
3.500%, TBA (B)	2,750,000	2,896,094
3.500%, 12/01/2025 to 10/01/2049	10,395,735	11,082,899
4.000%, 03/01/2024 to 09/01/2049	8,916,046	9,551,372
4.500%, 08/01/2024 to 09/01/2048	2,115,000	2,303,105
5.000%, 08/01/2023 to 09/01/2048	1,596,990	1,754,790
5.500%, 03/01/2022 to 11/01/2038	392,374	445,734
6.000%, 08/01/2023 to 08/01/2038	265,891	305,048
6.500%, 03/01/2022 to 12/01/2037	99,731	118,028
7.000%, 02/01/2031 to 10/01/2038	40,255	48,252
7.125%, 01/15/2030	209,000	295,758
7.250%, 05/15/2030	1,450,000	2,086,569
7.500%, 09/01/2030 to 08/01/2031	14,855	17,319
8.000%, 08/01/2030 to 09/01/2031	2,956	3,410
8.500%, 09/01/2030	350	406
Government National		
Mortgage Association		
2.000%, TBA (B)	9,500,000	9,591,535
2.500%, TBA (B)	10,000,000	10,250,346
3.000%, TBA (B)	5,000,000	5,179,126
3.000%, 08/15/2043 to 08/20/2050	6,200,916	6,475,797
3.500%, TBA (B)	2,800,000	2,911,607
3.500%, 04/15/2042 to 04/20/2050	6,666,985	7,067,646
4.000%, 11/15/2026 to 08/20/2048	3,608,848	3,855,432
4.500%, 06/15/2023 to 04/20/2050	1,835,122	1,970,912
5.000%, 10/15/2023 to 07/20/2040	572,965	639,624
5.500%, 08/15/2023 to 09/20/2039	227,352	255,717
6.000%, 07/15/2029 to 10/15/2038	164,683	187,604
6.500%, 05/15/2028 to 12/15/2038	127,356	146,960
7.000%, 08/15/2029 to 05/15/2032	21,334	24,066
7.500%, 09/15/2030 to 01/15/2031	5,612	6,427

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS (continued)		
U.S. Government Agency (continued)		
Government National		
Mortgage Association (continued)		
8.000%, 04/15/2031	\$ 6,417	\$ 7,458
		216,587,080
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$459,606,420)		
		\$ 471,035,810
FOREIGN GOVERNMENT OBLIGATIONS – 1.0%		
Brazil – 0.2%		
Federative Republic of Brazil		
4.250%, 01/07/2025	1,612,000	1,706,705
Canada – 0.2%		
Hydro-Quebec		
8.400%, 01/15/2022	250,000	250,615
Province of British Columbia		
6.500%, 01/15/2026 (C)	490,000	583,859
Province of Quebec		
7.125%, 02/09/2024	150,000	168,789
7.500%, 07/15/2023	410,000	451,279
		1,454,542
Israel – 0.1%		
State of Israel		
5.500%, 09/18/2023	455,000	491,305
Italy – 0.0%		
Republic of Italy		
6.875%, 09/27/2023	300,000	329,220
Japan – 0.1%		
Japan Bank for International Cooperation		
2.500%, 05/23/2024	800,000	828,343
Mexico – 0.2%		
Government of Mexico		
6.050%, 01/11/2040	930,000	1,155,534
Panama – 0.1%		
Republic of Panama		
6.700%, 01/26/2036	370,000	494,875
Peru – 0.0%		
Republic of Peru		
6.550%, 03/14/2037	250,000	340,628
Turkey – 0.1%		
Republic of Turkey		
6.000%, 01/14/2041	400,000	332,000
6.250%, 09/26/2022 (C)	400,000	402,635
		734,635
TOTAL FOREIGN GOVERNMENT OBLIGATIONS (Cost \$7,386,825)		
		\$ 7,535,787
CORPORATE BONDS – 27.4%		
Communication services – 2.6%		
AT&T, Inc.		
2.550%, 12/01/2033	665,000	650,398
3.800%, 12/01/2057	609,000	634,007
4.750%, 05/15/2046	900,000	1,086,872
4.850%, 07/15/2045	500,000	595,640
5.150%, 03/15/2042	50,000	62,603
6.375%, 03/01/2041	360,000	508,770
7.625%, 04/15/2031	285,000	390,451
Baidu, Inc.		
4.125%, 06/30/2025	250,000	269,645
British Telecommunications PLC		
9.625%, 12/15/2030	190,000	278,230
Charter Communications Operating LLC		
2.800%, 04/01/2031	600,000	593,695

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Communication services (continued)		
Charter Communications		
Operating LLC (continued)		
5.050%, 03/30/2029	\$ 400,000	\$ 457,922
5.375%, 05/01/2047	500,000	596,803
Comcast Corp.		
2.350%, 01/15/2027	455,000	471,239
2.887%, 11/01/2051 (D)	256,000	247,804
3.375%, 02/15/2025	600,000	636,660
3.999%, 11/01/2049	500,000	579,371
6.500%, 11/15/2035	52,000	74,651
Deutsche Telekom International Finance BV		
8.750%, 06/15/2030	146,000	212,206
Discovery Communications LLC		
4.125%, 05/15/2029	900,000	994,992
5.300%, 05/15/2049	400,000	500,814
Fox Corp.		
3.500%, 04/08/2030	600,000	645,718
Grupo Televisa SAB		
6.625%, 01/15/2040	220,000	298,418
TCI Communications, Inc.		
7.125%, 02/15/2028	110,000	142,222
Telefonica Emisiones SA		
7.045%, 06/20/2036	230,000	328,134
Telefonica Europe BV		
8.250%, 09/15/2030	350,000	494,281
Time Warner Entertainment Company LP		
8.375%, 07/15/2033	525,000	764,409
T-Mobile USA, Inc.		
3.875%, 04/15/2030	600,000	656,252
4.500%, 04/15/2050	700,000	819,282
TWDC Enterprises 18 Corp.		
3.150%, 09/17/2025	500,000	530,984
4.125%, 06/01/2044	500,000	597,159
Verizon Communications, Inc.		
4.016%, 12/03/2029	500,000	560,551
4.272%, 01/15/2036	458,000	537,227
4.522%, 09/15/2048	1,260,000	1,576,709
ViacomCBS, Inc.		
4.000%, 01/15/2026	600,000	647,805
Vodafone Group PLC		
4.375%, 05/30/2028	400,000	450,074
5.250%, 05/30/2048	300,000	390,749
		19,282,747
Consumer discretionary – 1.6%		
Amazon.com, Inc.		
4.050%, 08/22/2047	600,000	727,468
AutoZone, Inc.		
3.250%, 04/15/2025	1,000,000	1,050,043
Brinker International, Inc.		
3.875%, 05/15/2023	250,000	255,625
Ford Motor Credit Company LLC		
3.096%, 05/04/2023	280,000	285,250
General Motors Financial Company, Inc.		
4.250%, 05/15/2023	280,000	291,393
5.250%, 03/01/2026	650,000	728,904
Hyatt Hotels Corp.		
3.375%, 07/15/2023	250,000	255,728
Lowe's Companies, Inc.		
3.375%, 09/15/2025	460,000	489,561
McDonald's Corp.		
3.300%, 07/01/2025	1,000,000	1,060,073
NIKE, Inc.		
2.400%, 03/27/2025	1,000,000	1,035,270

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Starbucks Corp.		
3.550%, 08/15/2029	\$ 300,000	\$ 327,658
Target Corp.		
3.900%, 11/15/2047	500,000	619,345
The Home Depot, Inc.		
2.625%, 06/01/2022	400,000	403,071
2.700%, 04/15/2030	700,000	734,471
3.350%, 09/15/2025	752,000	802,792
4.250%, 04/01/2046	390,000	485,371
5.875%, 12/16/2036	280,000	396,595
The TJX Companies, Inc.		
3.875%, 04/15/2030	600,000	672,886
4.500%, 04/15/2050 (C)	600,000	809,367
Toyota Motor Credit Corp.		
1.150%, 08/13/2027	500,000	485,269
Whirlpool Corp.		
5.150%, 03/01/2043	300,000	371,861
		12,288,001
Consumer staples – 1.6%		
Altria Group, Inc.		
4.500%, 05/02/2043	500,000	518,204
Anheuser-Busch Companies LLC		
3.650%, 02/01/2026	800,000	858,923
4.900%, 02/01/2046	500,000	631,967
Anheuser-Busch InBev Worldwide, Inc.		
4.750%, 01/23/2029	500,000	581,968
BAT Capital Corp.		
3.215%, 09/06/2026	500,000	520,320
Costco Wholesale Corp.		
1.600%, 04/20/2030	500,000	484,379
General Mills, Inc.		
2.875%, 04/15/2030	600,000	626,172
Kimberly-Clark Corp.		
3.200%, 07/30/2046	300,000	327,551
Kraft Heinz Foods Company		
3.000%, 06/01/2026	458,000	479,046
6.875%, 01/26/2039	40,000	58,789
Mondelez International, Inc.		
4.625%, 05/07/2048	300,000	364,467
PepsiCo, Inc.		
2.850%, 02/24/2026	495,000	521,469
4.000%, 03/05/2042	270,000	321,480
5.500%, 01/15/2040	280,000	394,500
Philip Morris International, Inc.		
3.600%, 11/15/2023	250,000	262,158
SC Johnson & Son, Inc.		
4.000%, 05/15/2043 (D)	250,000	290,150
Sysco Corp.		
6.600%, 04/01/2050	1,000,000	1,553,476
The Estee Lauder Companies, Inc.		
2.600%, 04/15/2030	600,000	621,864
The Kroger Company		
3.500%, 02/01/2026	500,000	535,013
Tyson Foods, Inc.		
4.350%, 03/01/2029	400,000	452,924
Walmart, Inc.		
3.250%, 07/08/2029	600,000	659,392
4.050%, 06/29/2048	500,000	635,449
		11,699,661
Energy – 2.3%		
Anadarko Petroleum Corp.		
6.450%, 09/15/2036	280,000	314,276
Baker Hughes LLC		
3.337%, 12/15/2027	500,000	532,939
4.486%, 05/01/2030	500,000	573,560

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Energy (continued)		
Boardwalk Pipelines LP		
4.950%, 12/15/2024	\$ 400,000	\$ 433,471
BP Capital Markets America, Inc.		
3.796%, 09/21/2025	800,000	863,363
BP Capital Markets PLC		
2.750%, 05/10/2023	250,000	256,475
Canadian Natural Resources, Ltd.		
6.250%, 03/15/2038	290,000	381,557
Chevron Corp.		
2.954%, 05/16/2026	800,000	846,963
ConocoPhillips Company		
4.950%, 03/15/2026	300,000	338,447
Devon Energy Corp.		
5.000%, 06/15/2045	885,000	1,069,718
7.875%, 09/30/2031	170,000	240,494
Enbridge, Inc.		
3.700%, 07/15/2027	400,000	431,269
4.500%, 06/10/2044	400,000	467,079
Energy Transfer LP		
3.450%, 01/15/2023	170,000	173,086
5.500%, 06/01/2027	600,000	684,389
6.125%, 12/15/2045	350,000	435,356
6.500%, 02/01/2042	50,000	64,417
Enterprise Products Operating LLC		
3.200%, 02/15/2052	700,000	686,332
4.850%, 08/15/2042	280,000	334,366
6.875%, 03/01/2033	130,000	175,580
Exxon Mobil Corp.		
2.397%, 03/06/2022	750,000	750,041
Kinder Morgan Energy Partners LP		
4.300%, 05/01/2024	700,000	742,597
6.375%, 03/01/2041	60,000	79,510
6.500%, 09/01/2039	180,000	239,579
Kinder Morgan, Inc.		
5.550%, 06/01/2045	375,000	474,121
ONEOK Partners LP		
6.650%, 10/01/2036	268,000	350,279
Ovintiv, Inc.		
6.500%, 08/15/2034	270,000	347,400
Petroleos Mexicanos		
6.625%, 06/15/2035	230,000	220,983
6.700%, 02/16/2032 (D)	173,000	174,730
Phillips 66 Partners LP		
3.750%, 03/01/2028	200,000	215,228
Shell International Finance BV		
4.375%, 05/11/2045	1,000,000	1,214,957
6.375%, 12/15/2038	90,000	131,059
Suncor Energy, Inc.		
5.950%, 05/15/2035	235,000	302,124
The Williams Companies, Inc.		
5.100%, 09/15/2045	400,000	491,588
Tosco Corp.		
8.125%, 02/15/2030	383,000	537,509
TransCanada PipeLines, Ltd.		
5.850%, 03/15/2036	405,000	527,705
Valero Energy Corp.		
2.850%, 04/15/2025	600,000	621,519
7.500%, 04/15/2032	270,000	372,458
		17,096,524
Financials – 6.7%		
American Express Company		
2.650%, 12/02/2022	345,000	351,558
American International Group, Inc.		
4.125%, 02/15/2024	550,000	583,987
6.250%, 05/01/2036	430,000	596,794

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Ares Capital Corp.		
3.875%, 01/15/2026	\$ 1,000,000	\$ 1,053,894
Bank of America Corp.		
3.300%, 01/11/2023	800,000	821,897
4.450%, 03/03/2026	700,000	770,670
7.750%, 05/14/2038	480,000	752,091
Bank of America Corp. (3.004% to 12-20-22, then 3 month LIBOR + 0.790%) 12/20/2023	386,000	393,978
Bank of America Corp. (3.366% to 1-23-25, then 3 month LIBOR + 0.810%) 01/23/2026	1,700,000	1,788,393
Bank of America Corp. (3.419% to 12-20-27, then 3 month LIBOR + 1.040%) 12/20/2028	1,312,000	1,400,776
Bank of America Corp. (3.970% to 3-5-28, then 3 month LIBOR + 1.070%) 03/05/2029	500,000	547,113
Bank of America Corp. (4.443% to 1-20-47, then 3 month LIBOR + 1.990%) 01/20/2048	500,000	621,314
Barclays Bank PLC		
1.700%, 05/12/2022	500,000	501,700
Barclays PLC		
4.375%, 01/12/2026	500,000	546,599
Berkshire Hathaway, Inc.		
3.125%, 03/15/2026	500,000	533,945
Capital One Bank USA NA		
3.375%, 02/15/2023	360,000	369,963
Capital One Financial Corp.		
3.200%, 02/05/2025	2,000,000	2,095,646
3.300%, 10/30/2024	1,500,000	1,578,692
Chubb INA Holdings, Inc.		
3.350%, 05/03/2026	300,000	321,638
Citigroup, Inc.		
4.450%, 09/29/2027	500,000	557,510
5.500%, 09/13/2025	400,000	452,370
Citigroup, Inc. (2.666% to 1-29-30, then SOFR + 1.146%) 01/29/2031	1,000,000	1,015,136
Citigroup, Inc. (4.281% to 4-24-47, then 3 month LIBOR + 1.839%) 04/24/2048	500,000	613,475
Credit Suisse Group AG		
3.750%, 03/26/2025	250,000	265,276
4.550%, 04/17/2026	800,000	881,393
Discover Financial Services		
5.200%, 04/27/2022	120,000	121,731
European Investment Bank		
2.500%, 10/15/2024 (C)	1,500,000	1,561,720
3.250%, 01/29/2024	600,000	629,842
Five Corners Funding Trust II		
2.850%, 05/15/2030 (D)	800,000	828,952
GE Capital International Funding Company		
4.418%, 11/15/2035	822,000	980,942
HSBC Holdings PLC		
6.500%, 09/15/2037	660,000	913,141
HSBC Holdings PLC (2.848% to 6-4-30, then SOFR + 2.387%) 06/04/2031	1,000,000	1,011,549
Inter-American Development Bank		
1.750%, 09/14/2022	600,000	605,672
2.000%, 07/23/2026	1,000,000	1,031,135
7.000%, 06/15/2025	325,000	389,585
Intercontinental Exchange, Inc.		
3.100%, 09/15/2027	400,000	424,952

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
International Bank for Reconstruction & Development		
0.750%, 11/24/2027	\$ 1,000,000	\$ 959,137
JPMorgan Chase & Co.		
3.300%, 04/01/2026	700,000	746,531
3.375%, 05/01/2023	500,000	515,474
3.875%, 02/01/2024	1,300,000	1,376,214
6.400%, 05/15/2038	125,000	181,868
JPMorgan Chase & Co. (3.509% to 1-23-28, then 3 month LIBOR + 0.945%) 01/23/2029	500,000	535,620
JPMorgan Chase & Co. (4.452% to 12-5-28, then 3 month LIBOR + 1.330%) 12/05/2029	600,000	680,937
KfW		
2.125%, 01/17/2023	600,000	610,127
2.625%, 02/28/2024	800,000	831,072
Liberty Mutual Group, Inc.		
3.950%, 05/15/2060 (D)	500,000	548,951
Lincoln National Corp.		
7.000%, 06/15/2040	150,000	228,685
MetLife, Inc.		
4.600%, 05/13/2046	500,000	639,216
Morgan Stanley		
3.700%, 10/23/2024	950,000	1,011,703
4.100%, 05/22/2023	750,000	781,147
Morgan Stanley (3.622% to 4-1-30, then SOFR + 3.120%) 04/01/2031	1,000,000	1,089,693
Morgan Stanley (3.772% to 1-24-28, then 3 month LIBOR + 1.140%) 01/24/2029	550,000	598,497
Raymond James Financial, Inc.		
4.950%, 07/15/2046	600,000	763,624
State Street Corp.		
3.100%, 05/15/2023	250,000	257,778
Stifel Financial Corp.		
4.250%, 07/18/2024	500,000	532,415
Sumitomo Mitsui Financial Group, Inc.		
3.784%, 03/09/2026	550,000	593,211
The Allstate Corp.		
3.280%, 12/15/2026	500,000	537,007
The Charles Schwab Corp.		
3.200%, 01/25/2028	300,000	322,490
The Goldman Sachs Group, Inc.		
2.600%, 02/07/2030	700,000	711,722
3.500%, 01/23/2025	750,000	790,680
3.625%, 01/22/2023	500,000	514,925
3.750%, 02/25/2026	500,000	538,454
The Hartford Financial Services Group, Inc.		
5.950%, 10/15/2036	170,000	227,960
The PNC Financial Services Group, Inc.		
3.450%, 04/23/2029	1,000,000	1,088,844
The Travelers Companies, Inc.		
4.050%, 03/07/2048	300,000	363,051
Travelers Property Casualty Corp.		
7.750%, 04/15/2026	50,000	62,306
Truist Financial Corp.		
1.125%, 08/03/2027	700,000	677,286
2.850%, 10/26/2024	700,000	731,446
U.S. Bancorp		
3.000%, 03/15/2022	600,000	601,864
Wells Fargo & Company		
3.450%, 02/13/2023	750,000	771,648

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
Wells Fargo & Company (2.572% to 2-11-30, then SOFR + 1.262%) 02/11/2031	\$ 1,000,000	\$ 1,020,861
		50,357,473
Health care – 3.5%		
Abbott Laboratories		
2.950%, 03/15/2025	300,000	314,980
3.750%, 11/30/2026	283,000	312,724
AbbVie, Inc.		
2.900%, 11/06/2022	500,000	509,212
3.200%, 05/14/2026 to 11/21/2029	1,716,000	1,828,243
4.400%, 11/06/2042	260,000	310,234
Aetna, Inc.		
3.500%, 11/15/2024	200,000	210,946
Agilent Technologies, Inc.		
3.875%, 07/15/2023	250,000	259,120
Allergan Funding SCS		
4.750%, 03/15/2045	321,000	356,284
Amgen, Inc.		
4.400%, 05/01/2045	260,000	310,249
4.663%, 06/15/2051	659,000	843,023
Anthem, Inc.		
4.101%, 03/01/2028	350,000	388,066
4.650%, 08/15/2044	150,000	188,020
AstraZeneca PLC		
0.700%, 04/08/2026	500,000	483,629
Baxalta, Inc.		
4.000%, 06/23/2025	500,000	539,122
Bayer US Finance II LLC		
2.850%, 04/15/2025 (D)	300,000	306,283
Biogen, Inc.		
3.250%, 02/15/2051 (D)	561,000	550,476
Boston Scientific Corp.		
2.650%, 06/01/2030	500,000	509,705
Bristol-Myers Squibb Company		
3.250%, 08/01/2042	500,000	532,152
4.550%, 02/20/2048	300,000	383,129
Cardinal Health, Inc.		
3.750%, 09/15/2025	500,000	535,912
Celgene Corp.		
3.875%, 08/15/2025	283,000	303,207
Cigna Corp.		
4.375%, 10/15/2028	500,000	568,250
CVS Health Corp.		
3.875%, 07/20/2025	650,000	698,547
4.300%, 03/25/2028	389,000	436,531
5.050%, 03/25/2048	500,000	653,719
CVS Pass-Through Trust		
8.353%, 07/10/2031 (D)	64,585	82,221
Eli Lilly & Company		
2.250%, 05/15/2050	500,000	457,309
Evernorth Health, Inc.		
6.125%, 11/15/2041	330,000	449,801
Gilead Sciences, Inc.		
3.650%, 03/01/2026	600,000	646,413
GlaxoSmithKline Capital, Inc.		
3.625%, 05/15/2025	500,000	538,460
6.375%, 05/15/2038	210,000	307,284
HCA, Inc.		
4.500%, 02/15/2027	500,000	550,802
5.500%, 06/15/2047	400,000	523,417
Humana, Inc.		
3.850%, 10/01/2024	350,000	371,536
Johnson & Johnson		
2.100%, 09/01/2040	500,000	473,117

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Health care (continued)		
Johnson & Johnson (continued)		
5.850%, 07/15/2038	\$ 285,000	\$ 412,102
Laboratory Corp. of America Holdings		
2.950%, 12/01/2029	500,000	520,146
Medtronic, Inc.		
4.375%, 03/15/2035	500,000	615,070
Merck & Company, Inc.		
2.750%, 02/10/2025	850,000	890,239
Novartis Capital Corp.		
3.000%, 11/20/2025	500,000	529,856
Pfizer, Inc.		
2.750%, 06/03/2026	713,000	755,060
4.400%, 05/15/2044	264,000	328,148
Quest Diagnostics, Inc.		
4.200%, 06/30/2029	500,000	564,512
4.700%, 03/30/2045	500,000	619,195
Regeneron Pharmaceuticals, Inc.		
2.800%, 09/15/2050	1,000,000	937,071
Stryker Corp.		
4.625%, 03/15/2046	350,000	448,193
UnitedHealth Group, Inc.		
4.375%, 03/15/2042	50,000	60,916
4.450%, 12/15/2048	300,000	382,845
5.800%, 03/15/2036	300,000	416,083
Utah Acquisition Sub, Inc.		
3.950%, 06/15/2026	500,000	539,094
Viatis, Inc.		
2.700%, 06/22/2030	500,000	501,774
Zimmer Biomet Holdings, Inc.		
3.050%, 01/15/2026	500,000	522,286
Zoetis, Inc.		
2.000%, 05/15/2030	500,000	492,877
		26,267,590
Industrials – 2.8%		
3M Company		
3.000%, 08/07/2025	330,000	349,333
AerCap Ireland Capital DAC		
3.300%, 01/30/2032	500,000	509,386
4.450%, 04/03/2026	400,000	434,489
Air Lease Corp.		
3.125%, 12/01/2030	600,000	612,223
3.625%, 12/01/2027	400,000	421,110
American Airlines 2016-2 Class AA Pass Through Trust		
3.200%, 06/15/2028	229,350	230,520
Burlington Northern Santa Fe LLC		
4.400%, 03/15/2042	50,000	60,845
Canadian Pacific Railway Company		
4.450%, 03/15/2023	300,000	309,958
Carrier Global Corp.		
3.577%, 04/05/2050	500,000	531,614
Caterpillar, Inc.		
3.400%, 05/15/2024	500,000	524,786
CSX Corp.		
3.350%, 11/01/2025	420,000	448,111
3.800%, 04/15/2050	1,000,000	1,138,056
Deere & Company		
3.100%, 04/15/2030	500,000	538,868
Delta Air Lines 2019-1 Class AA Pass Through Trust		
3.204%, 04/25/2024	200,000	206,781
Equifax, Inc.		
3.100%, 05/15/2030	1,200,000	1,256,015
FedEx Corp.		
3.875%, 08/01/2042	420,000	461,072

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Industrials (continued)		
FedEx Corp. (continued)		
4.400%, 01/15/2047	\$ 350,000	\$ 412,185
General Electric Company		
4.500%, 03/11/2044 (C)	500,000	611,046
6.750%, 03/15/2032	66,000	90,008
6.875%, 01/10/2039	168,000	250,066
Honeywell International, Inc.		
1.950%, 06/01/2030	500,000	497,105
John Deere Capital Corp.		
2.050%, 01/09/2025	500,000	513,746
Johnson Controls, Inc.		
5.700%, 03/01/2041	150,000	181,212
Kansas City Southern		
2.875%, 11/15/2029	500,000	517,782
Lockheed Martin Corp.		
3.800%, 03/01/2045	400,000	457,244
Norfolk Southern Corp.		
4.837%, 10/01/2041	240,000	302,404
Northrop Grumman Corp.		
3.250%, 01/15/2028	300,000	321,065
Precision Castparts Corp.		
3.250%, 06/15/2025	500,000	530,056
Raytheon Technologies Corp.		
4.625%, 11/16/2048	500,000	640,510
6.125%, 07/15/2038	225,000	316,819
Roper Technologies, Inc.		
4.200%, 09/15/2028	500,000	561,296
Southwest Airlines Company		
5.250%, 05/04/2025	1,200,000	1,332,820
The Boeing Company		
2.600%, 10/30/2025	438,000	449,997
5.805%, 05/01/2050	600,000	812,476
8.750%, 09/15/2031	90,000	132,404
Thomson Reuters Corp.		
4.500%, 05/23/2043	250,000	276,659
Trane Technologies Global Holding Company, Ltd.		
4.300%, 02/21/2048	600,000	731,130
Union Pacific Corp.		
3.250%, 08/15/2025	500,000	530,630
3.799%, 10/01/2051 to 04/06/2071	1,113,000	1,290,382
United Airlines 2016-2 Class AA Pass Through Trust		
2.875%, 10/07/2028	236,566	240,872
United Parcel Service, Inc.		
3.400%, 03/15/2029	400,000	436,235
Verisk Analytics, Inc.		
4.125%, 03/15/2029	600,000	668,976
		21,138,292
Information technology – 2.5%		
Apple, Inc.		
2.400%, 05/03/2023	800,000	819,077
2.450%, 08/04/2026	1,060,000	1,106,958
3.250%, 02/23/2026	500,000	534,477
Applied Materials, Inc.		
3.900%, 10/01/2025	470,000	512,051
5.100%, 10/01/2035	470,000	608,127
Automatic Data Processing, Inc.		
3.375%, 09/15/2025	752,000	806,336
Broadcom, Inc.		
2.600%, 02/15/2033 (D)	1,000,000	974,896
3.137%, 11/15/2035 (D)	600,000	603,575
4.300%, 11/15/2032	700,000	786,643
Cisco Systems, Inc.		
5.900%, 02/15/2039	80,000	114,857

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Information technology (continued)		
Eaton Corp. 3.103%, 09/15/2027	\$ 500,000	\$ 531,938
Fiserv, Inc. 2.250%, 06/01/2027	600,000	610,436
IBM Corp. 3.450%, 02/19/2026	1,115,000	1,194,718
4.000%, 06/20/2042	210,000	241,543
5.600%, 11/30/2039	21,000	28,683
Intel Corp. 2.700%, 12/15/2022	690,000	704,266
Microsoft Corp. 2.525%, 06/01/2050	1,538,000	1,499,839
3.125%, 11/03/2025	438,000	467,230
NXP BV 3.400%, 05/01/2030 (D)	520,000	554,170
Oracle Corp. 2.400%, 09/15/2023	435,000	443,608
2.650%, 07/15/2026	310,000	318,584
2.950%, 05/15/2025	550,000	571,093
4.125%, 05/15/2045	500,000	527,469
PayPal Holdings, Inc. 2.300%, 06/01/2030	600,000	609,392
2.850%, 10/01/2029	1,000,000	1,052,432
QUALCOMM, Inc. 1.650%, 05/20/2032	566,000	535,228
Visa, Inc. 2.050%, 04/15/2030	600,000	607,742
3.150%, 12/14/2025	463,000	494,019
4.300%, 12/14/2045	463,000	582,623
Xerox Corp. 6.750%, 12/15/2039	60,000	66,830
		18,508,840
Materials – 0.9%		
Air Products and Chemicals, Inc. 1.850%, 05/15/2027	500,000	507,134
Eastman Chemical Company 4.650%, 10/15/2044	500,000	597,957
Freeport-McMoRan, Inc. 3.875%, 03/15/2023	500,000	516,935
Glencore Funding LLC 2.625%, 09/23/2031 (D)	500,000	485,935
Huntsman International LLC 4.500%, 05/01/2029	500,000	552,692
International Paper Company 5.000%, 09/15/2035	500,000	623,882
Newmont Corp. 4.875%, 03/15/2042	270,000	338,166
Potash Corp. of Saskatchewan, Inc. 5.625%, 12/01/2040	150,000	190,559
Rio Tinto Alcan, Inc. 6.125%, 12/15/2033	100,000	137,612
Rio Tinto Finance USA PLC 4.750%, 03/22/2042	270,000	345,902
Rio Tinto Finance USA, Ltd. 5.200%, 11/02/2040	250,000	332,602
Teck Resources, Ltd. 6.250%, 07/15/2041	270,000	358,098
The Dow Chemical Company 4.375%, 11/15/2042	590,000	696,794
9.400%, 05/15/2039	130,000	232,911
Vale Overseas, Ltd. 6.875%, 11/10/2039	350,000	469,879
		6,387,058

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Real estate – 0.7%		
American Campus Communities Operating Partnership LP 3.625%, 11/15/2027	\$ 200,000	\$ 213,574
American Tower Corp. 5.000%, 02/15/2024	500,000	537,993
Crown Castle International Corp. 3.700%, 06/15/2026	400,000	428,680
CubeSmart LP 4.000%, 11/15/2025	200,000	214,641
Digital Realty Trust LP 4.450%, 07/15/2028	200,000	225,429
Duke Realty LP 3.250%, 06/30/2026	200,000	212,284
Extra Space Storage LP 2.350%, 03/15/2032	500,000	486,043
Mid-America Apartments LP 3.950%, 03/15/2029	800,000	893,094
Service Properties Trust 4.500%, 03/15/2025	200,000	194,784
Simon Property Group LP 3.375%, 06/15/2027	500,000	536,294
3.500%, 09/01/2025	441,500	470,515
SL Green Operating Partnership LP 3.250%, 10/15/2022	500,000	508,144
		4,921,475
Utilities – 2.2%		
AEP Transmission Company LLC 3.750%, 12/01/2047	400,000	449,132
Ameren Corp. 3.500%, 01/15/2031	1,000,000	1,078,678
American Water Capital Corp. 4.300%, 09/01/2045	350,000	418,221
Arizona Public Service Company 3.350%, 05/15/2050	500,000	509,029
Berkshire Hathaway Energy Company 4.500%, 02/01/2045	500,000	605,453
6.125%, 04/01/2036	436,000	593,420
Consolidated Edison Company of New York, Inc. 3.950%, 04/01/2050	700,000	799,678
Dominion Energy, Inc. 3.375%, 04/01/2030	600,000	636,727
3.900%, 10/01/2025	242,000	261,002
Duke Energy Carolinas LLC 6.000%, 01/15/2038	200,000	278,335
Duke Energy Corp. 3.750%, 04/15/2024	500,000	525,065
4.800%, 12/15/2045	500,000	613,816
Entergy Texas, Inc. 1.750%, 03/15/2031	700,000	656,345
Essential Utilities, Inc. 4.276%, 05/01/2049	500,000	593,217
Eversource Energy 4.250%, 04/01/2029	500,000	557,606
Exelon Corp. 3.400%, 04/15/2026	542,000	577,352
Exelon Generation Company LLC 6.250%, 10/01/2039	160,000	199,815
Florida Power & Light Company 5.650%, 02/01/2037	290,000	384,946
Georgia Power Company 5.950%, 02/01/2039 (C)	335,000	438,724
Indiana Michigan Power Company 6.050%, 03/15/2037	187,000	254,663

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Utilities (continued)		
NextEra Energy Capital Holdings, Inc. 2.250%, 06/01/2030	\$ 700,000	\$ 695,790
NiSource, Inc. 3.950%, 03/30/2048	400,000	449,263
Oncor Electric Delivery Company LLC 7.500%, 09/01/2038	188,000	297,788
Pacific Gas & Electric Company 2.500%, 02/01/2031	600,000	571,536
3.450%, 07/01/2025	30,000	31,115
3.750%, 07/01/2028	30,000	31,195
4.550%, 07/01/2030	227,000	245,432
4.950%, 07/01/2050	227,000	247,216
PacifiCorp 6.000%, 01/15/2039	335,000	458,456
Public Service Company of Colorado 3.600%, 09/15/2042	500,000	552,822
Public Service Electric & Gas Company 3.000%, 05/15/2025	250,000	261,937
San Diego Gas & Electric Company 6.125%, 09/15/2037	202,000	273,035
Southern California Edison Company 2.250%, 06/01/2030	700,000	690,784
5.350%, 07/15/2035	130,000	161,346
The Southern Company 3.250%, 07/01/2026	572,000	605,109
Virginia Electric & Power Company 3.450%, 09/01/2022	50,000	50,610
8.875%, 11/15/2038	190,000	335,055
Xcel Energy, Inc. 3.300%, 06/01/2025	400,000	419,950
		16,809,663
TOTAL CORPORATE BONDS (Cost \$186,475,558)		\$ 204,757,324
MUNICIPAL BONDS – 0.6%		
Bay Area Toll Authority (California) 6.907%, 10/01/2050	50,000	88,177
Illinois State Toll Highway Authority 6.184%, 01/01/2034	150,000	204,543
Maryland State Transportation Authority 5.888%, 07/01/2043	60,000	85,377
Metropolitan Washington Airports Authority 7.462%, 10/01/2046	40,000	70,472
New Jersey Turnpike Authority 7.102%, 01/01/2041	90,000	141,203
New York State Dormitory Authority 5.628%, 03/15/2039	340,000	438,908
New York State Urban Development Corp. 5.770%, 03/15/2039	300,000	369,622
State of California, GO 7.300%, 10/01/2039	400,000	627,526
7.500%, 04/01/2034	80,000	122,425
State of Illinois, GO 5.100%, 06/01/2033	115,000	132,927
7.350%, 07/01/2035	280,000	352,464
State of Texas, GO 5.517%, 04/01/2039	260,000	365,836
State of Utah, GO 3.539%, 07/01/2025	390,000	407,644
4.554%, 07/01/2024	150,000	157,968
State of Washington, GO 5.481%, 08/01/2039	260,000	361,816

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
MUNICIPAL BONDS (continued)		
Texas Transportation Commission State Highway Fund 5.178%, 04/01/2030	\$ 310,000	\$ 372,153
University of California 5.770%, 05/15/2043	320,000	446,256
TOTAL MUNICIPAL BONDS (Cost \$3,686,860)		\$ 4,745,317
COLLATERALIZED MORTGAGE OBLIGATIONS – 2.4%		
Commercial and residential – 2.1%		
Banc of America Commercial Mortgage Trust Series 2015-UBS7, Class A4 3.705%, 09/15/2048	145,000	153,535
BANK		
Series 2017-BNK6, Class A4 3.254%, 07/15/2060	2,000,000	2,113,992
CD Mortgage Trust		
Series 2017-CD3, Class A4 3.631%, 02/10/2050	1,090,000	1,172,971
Commercial Mortgage Trust (Cantor Fitzgerald/Deutsche Bank AG)		
Series 2012-CR3, Class A3, 2.822%, 10/15/2045	488,940	491,558
Series 2012-CR5, Class A4, 2.771%, 12/10/2045	179,000	181,569
Series 2013-CR8, Class AM, 3.791%, 06/10/2046 (D)(E)	630,000	649,543
Series 2014-CR14, Class A3, 3.955%, 02/10/2047	1,000,000	1,043,847
Series 2014-CR21, Class A3, 3.528%, 12/10/2047	639,549	664,353
Series 2015-CR27, Class A4, 3.612%, 10/10/2048	1,000,000	1,065,826
GS Mortgage Securities Trust		
Series 2016-GS4, Class A3, 3.178%, 11/10/2049	3,000,000	3,120,799
Series 2017-GS5, Class A3, 3.409%, 03/10/2050	3,000,000	3,202,708
JPMBB Commercial Mortgage Securities Trust		
Series 2013-C14, Class A4 4.133%, 08/15/2046 (E)	301,517	310,242
JPMorgan Chase Commercial Mortgage Securities Trust		
Series 2013-C16, Class A4 4.166%, 12/15/2046	500,000	522,533
Morgan Stanley Bank of America Merrill Lynch Trust		
Series 2013-C7, Class A4 2.918%, 02/15/2046	240,000	242,972
Wells Fargo Commercial Mortgage Trust		
Series 2015-C29, Class AS 4.013%, 06/15/2048 (E)	500,000	530,149
		15,466,597
U.S. Government Agency – 0.3%		
Federal Home Loan Mortgage Corp.		
Series K041, Class A2, 3.171%, 10/25/2024	700,000	735,775
Series K047, Class A2, 3.329%, 05/25/2025 (E)	700,000	744,244
Series K050, Class A2, 3.334%, 08/25/2025 (E)	700,000	746,392
		2,226,411
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS (Cost \$17,548,204)		\$ 17,693,008

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Total Bond Market Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES – 0.2%		
SMB Private Education Loan Trust Series 2021-E, Class A1A 1.680%, 02/15/2051 (D)	\$ 2,000,000	\$ 1,982,943
TOTAL ASSET BACKED SECURITIES (Cost \$1,999,917)		\$ 1,982,943
COMMON STOCKS – 0.0%		
Energy – 0.0%		
Noble Corp. (F)	38	943
TOTAL COMMON STOCKS (Cost \$508)		\$ 943
WARRANTS – 0.0%		
Noble Corp. (Expiration Date: 2-5-28; Strike Price: \$23.13) (F)	154	1,163
TOTAL WARRANTS (Cost \$279)		\$ 1,163
SHORT-TERM INVESTMENTS – 18.2%		
Short-term funds – 18.2%		
John Hancock Collateral Trust, 0.1697% (G)(H)	359,831	3,599,385
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.0250% (G)	132,436,803	132,436,803
TOTAL SHORT-TERM INVESTMENTS (Cost \$136,036,925)		\$ 136,036,188
Total Investments (Total Bond Market Trust) (Cost \$812,741,496) – 112.8%		\$ 843,788,483 (96,023,425)
Other assets and liabilities, net – (12.8%)		\$ 747,765,058
TOTAL NET ASSETS – 100.0%		

Security Abbreviations and Legend

CMT	Constant Maturity Treasury
GO	General Obligation
LIBOR	London Interbank Offered Rate
SOFR	Secured Overnight Financing Rate
TBA	To Be Announced. A forward mortgage-backed securities trade issued by a U.S. Government Agency, to be delivered at an agreed-upon future settlement date.
(A)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(B)	Security purchased or sold on a when-issued or delayed delivery basis.
(C)	All or a portion of this security is on loan as of 12-31-21.
(D)	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.
(E)	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. The interest rate shown is the current rate as of period end.
(F)	Non-income producing security.
(G)	The rate shown is the annualized seven-day yield as of 12-31-21.
(H)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

Ultra Short Term Bond Trust

	Shares or Principal Amount	Value
U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 1.0%		
U.S. Government Agency – 1.0%		
Federal Home Loan Mortgage Corp. 1.640%, (6 month LIBOR + 1.515%), 12/01/2035 (A)	\$ 35,427	\$ 36,273
1.697%, (12 month LIBOR + 1.447%), 06/01/2036 (A)	15,989	16,693
1.815%, (6 month LIBOR + 1.565%), 12/01/2036 (A)	21,946	22,540
1.878%, (12 month LIBOR + 1.618%), 02/01/2036 (A)	50,434	52,915
1.900%, (12 month LIBOR + 1.608%), 05/01/2037 (A)	66,316	69,624
1.905%, (12 month LIBOR + 1.641%), 09/01/2043 (A)	305,917	318,972
2.169%, (1 Year CMT + 2.088%), 12/01/2035 (A)	104,423	108,789
2.290%, (1 Year CMT + 2.165%), 11/01/2036 (A)	84,129	88,428
2.295%, (1 Year CMT + 2.295%), 08/01/2035 (A)	70,186	73,854
2.356%, (1 Year CMT + 2.231%), 05/01/2034 (A)	101,920	106,555
Federal National Mortgage Association 1.571%, (12 month LIBOR + 1.295%), 10/01/2038 (A)	41,844	43,375
1.636%, (6 month LIBOR + 1.490%), 10/01/2035 (A)	146,072	149,543
1.677%, (6 month LIBOR + 1.520%), 02/01/2035 (A)	70,369	73,278
1.708%, (12 month LIBOR + 1.447%), 04/01/2035 (A)	283,177	291,223
1.831%, (12 month LIBOR + 1.557%), 07/01/2035 (A)	168,059	173,357
2.275%, (1 Year CMT + 2.170%), 01/01/2036 (A)	40,806	42,570
2.281%, (1 Year CMT + 2.175%), 01/01/2036 (A)	110,383	115,197
2.318%, (1 Year CMT + 2.197%), 05/01/2036 (A)	191,050	199,652
2.320%, (1 Year CMT + 2.195%), 02/01/2035 (A)	118,919	125,358
2.354%, (1 Year CMT + 2.274%), 07/01/2035 (A)	99,846	104,777
2.458%, (1 Year CMT + 2.333%), 05/01/2034 (A)	46,069	48,281
Government National Mortgage Association 1.625%, (1 Year CMT + 1.500%), 08/20/2032 to 08/20/2035 (A)	218,999	225,452
TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS (Cost \$2,500,153)		\$ 2,486,706
CORPORATE BONDS – 53.9%		
Communication services – 2.1%		
AT&T, Inc. 3.000%, 06/30/2022	3,200,000	3,224,386
Charter Communications Operating LLC 4.464%, 07/23/2022	2,000,000	2,029,520
Consumer discretionary – 4.8%		5,253,906
Daimler Finance North America LLC 2.850%, 01/06/2022 (B)	2,000,000	2,000,316
eBay, Inc. 2.750%, 01/30/2023	3,000,000	3,066,253

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Ultra Short Term Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Consumer discretionary (continued)		
Nissan Motor Acceptance Company LLC 3.875%, 09/21/2023 (B)	\$ 1,500,000	\$ 1,560,365
Toyota Motor Credit Corp. 1.150%, 05/26/2022	2,000,000	2,006,318
Volkswagen Group of America Finance LLC 3.125%, 05/12/2023 (B)	3,000,000	3,084,082
		11,717,334
Consumer staples – 1.2%		
The Kroger Company 2.800%, 08/01/2022	2,791,000	2,818,446
Energy – 2.6%		
Energy Transfer LP 4.500%, 11/01/2023	3,000,000	3,142,516
The Williams Companies, Inc. 4.500%, 11/15/2023	3,000,000	3,160,491
		6,303,007
Financials – 27.5%		
Athene Global Funding 0.950%, 01/08/2024 (B)	3,000,000	2,981,885
Bank of America Corp. 4.000%, 04/01/2024	2,000,000	2,126,098
Bank of Montreal 2.900%, 03/26/2022	2,000,000	2,012,485
BNP Paribas SA 2.950%, 05/23/2022 (B)	2,000,000	2,019,365
Brighthouse Financial Global Funding (SOFR + 0.760%) 0.809%, 04/12/2024 (A)(B)	2,000,000	2,009,599
Capital One Financial Corp. 3.750%, 04/24/2024	3,176,000	3,347,362
Citigroup, Inc. (2.876% to 7-24-22, then 3 month LIBOR + 0.950%) 07/24/2023	3,000,000	3,036,019
Credit Suisse Group Funding Guernsey, Ltd. 3.800%, 09/15/2022	3,000,000	3,064,733
Five Corners Funding Trust 4.419%, 11/15/2023 (B)	3,000,000	3,179,731
ING Groep NV 3.150%, 03/29/2022	2,000,000	2,013,074
JPMorgan Chase & Co. (1.514% to 6-1-23, then SOFR + 1.455%) 06/01/2024	5,000,000	5,037,958
KeyBank NA 3.300%, 02/01/2022	2,000,000	2,004,441
Lloyds Banking Group PLC 3.000%, 01/11/2022	2,000,000	2,001,052
Metropolitan Life Global Funding I 3.375%, 01/11/2022 (B)	3,000,000	3,001,786
Morgan Stanley (3.737% to 4-24-23, then 3 month LIBOR + 0.847%) 04/24/2024	3,000,000	3,103,625
NatWest Markets PLC 3.625%, 09/29/2022 (B)	5,000,000	5,111,496
Santander Holdings USA, Inc. 3.244%, 10/05/2026	3,000,000	3,131,273
The Bank of New York Mellon Corp. 3.450%, 08/11/2023	3,000,000	3,125,729
The Bank of Nova Scotia 1.950%, 02/01/2023	3,000,000	3,034,741
The Goldman Sachs Group, Inc. 5.750%, 01/24/2022	2,000,000	2,006,015

Ultra Short Term Bond Trust (continued)

	Shares or Principal Amount	Value
CORPORATE BONDS (continued)		
Financials (continued)		
The PNC Financial Services Group, Inc. 3.300%, 03/08/2022	\$ 2,000,000	\$ 2,005,519
U.S. Bancorp 3.000%, 03/15/2022	2,000,000	2,006,213
UBS Group AG (1.008% to 7-30-23, then 1 Year CMT + 0.830%) 07/30/2024 (B)	3,000,000	2,990,422
Wells Fargo & Company 3.750%, 01/24/2024	3,000,000	3,149,874
		67,500,495
Health care – 2.4%		
Abbott Laboratories 2.550%, 03/15/2022	3,000,000	3,013,108
Cigna Corp. 0.613%, 03/15/2024	3,000,000	2,975,001
		5,988,109
Industrials – 2.7%		
AerCap Ireland Capital DAC 3.150%, 02/15/2024	2,000,000	2,062,796
CNH Industrial Capital LLC 4.375%, 04/05/2022	2,500,000	2,522,311
IHS Markit, Ltd. 5.000%, 11/01/2022 (B)	2,000,000	2,057,000
		6,642,107
Information technology – 4.6%		
Hewlett Packard Enterprise Company 4.400%, 10/15/2022	2,000,000	2,044,853
IBM Corp. 2.850%, 05/13/2022	2,835,000	2,860,970
NXP BV 4.875%, 03/01/2024 (B)	3,000,000	3,222,618
Oracle Corp. 2.625%, 02/15/2023	3,000,000	3,053,400
		11,181,841
Materials – 2.4%		
Georgia-Pacific LLC 0.625%, 05/15/2024 (B)	3,000,000	2,960,708
Graphic Packaging International LLC 0.821%, 04/15/2024 (B)	3,000,000	2,952,311
		5,913,019
Utilities – 3.6%		
Alexander Funding Trust 1.841%, 11/15/2023 (B)	3,000,000	3,010,186
Eversource Energy 2.800%, 05/01/2023	2,000,000	2,034,875
FirstEnergy Corp. 4.750%, 03/15/2023	1,675,000	1,742,000
Southern California Edison Company 2.400%, 02/01/2022	2,000,000	2,002,967
		8,790,028
TOTAL CORPORATE BONDS (Cost \$132,015,282)		\$ 132,108,292
MUNICIPAL BONDS – 0.8%		
Port Authority of New York & New Jersey 1.086%, 07/01/2023	2,000,000	2,010,658
TOTAL MUNICIPAL BONDS (Cost \$2,000,000)		\$ 2,010,658

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Ultra Short Term Bond Trust (continued)

	Shares or Principal Amount	Value
COLLATERALIZED MORTGAGE OBLIGATIONS – 0.6%		
Commercial and residential – 0.4%		
COLT Mortgage Loan Trust		
Series 2020-3, Class A1		
1.506%, 04/27/2065 (B)(C)	\$ 351,005	\$ 350,972
Vista Point Securitization Trust		
Series 2020-1, Class A1		
1.763%, 03/25/2065 (B)(C)	664,873	666,723
		1,017,695
U.S. Government Agency – 0.2%		
Federal National Mortgage Association		
Series 2013-10, Class FT (1 month		
LIBOR + 0.350%)		
0.452%, 04/25/2042 (A)	623,219	625,200
TOTAL COLLATERALIZED MORTGAGE OBLIGATIONS		
(Cost \$1,640,445)		\$ 1,642,895
ASSET BACKED SECURITIES – 17.8%		
Ally Auto Receivables Trust		
Series 2019-3, Class A3		
1.930%, 05/15/2024	398,436	400,713
Series 2019-4, Class A3		
1.840%, 06/17/2024	1,599,703	1,608,796
American Tower Trust		
Series 2013, Class 2A		
3.070%, 03/15/2048 (B)	2,500,000	2,502,049
AmeriCredit Automobile Receivables		
Trust		
Series 2020-1, Class C		
1.590%, 10/20/2025	3,000,000	3,019,276
Avis Budget Rental Car Funding		
AESOP LLC		
Series 2019-3A, Class A		
2.360%, 03/20/2026 (B)	3,000,000	3,066,551
BA Credit Card Trust		
Series 2021-A1, Class A1		
0.440%, 09/15/2026	3,753,000	3,698,316
CarMax Auto Owner Trust		
Series 2018-1, Class A4		
2.640%, 06/15/2023	249,093	249,825
Series 2018-4, Class A3		
3.360%, 09/15/2023	242,861	244,575
Series 2019-1, Class A3		
3.050%, 03/15/2024	640,372	645,740
Carvana Auto Receivables Trust		
Series 2021-N4, Class A1		
0.830%, 09/11/2028	2,000,000	1,996,002
CCG Receivables Trust		
Series 2019-1, Class B		
3.220%, 09/14/2026 (B)	1,140,000	1,159,453
Chesapeake Funding II LLC		
Series 2020-1A, Class A1		
0.870%, 08/16/2032 (B)	392,750	393,198
CNH Equipment Trust		
Series 2020-A, Class A3		
1.160%, 06/16/2025	1,882,018	1,887,971
Enterprise Fleet Financing LLC		
Series 2018-3, Class A2		
3.380%, 05/20/2024 (B)	345	346
Flagship Credit Auto Trust		
Series 2018-2, Class D		
4.230%, 09/16/2024 (B)	1,140,000	1,175,291
Series 2021-1, Class A		
0.310%, 06/16/2025 (B)	968,485	966,299
Ford Credit Auto Lease Trust		
Series 2020-A, Class A3		
1.850%, 03/15/2023	282,971	283,437

Ultra Short Term Bond Trust (continued)

	Shares or Principal Amount	Value
ASSET BACKED SECURITIES (continued)		
Ford Credit Auto Lease Trust (continued)		
Series 2020-A, Class B		
2.050%, 06/15/2023	\$ 2,290,000	\$ 2,306,653
Ford Credit Floorplan Master Owner		
Trust		
Series 2019-3, Class A1		
2.230%, 09/15/2024	1,566,000	1,584,639
GreatAmerica Leasing Receivables		
Funding LLC		
Series 2021-1, Class A2		
0.270%, 06/15/2023 (B)	1,823,106	1,821,128
HPEFS Equipment Trust		
Series 2020-2A, Class A2		
0.650%, 07/22/2030 (B)	153,304	153,329
Series 2021-1A, Class A2		
0.270%, 03/20/2031 (B)	1,630,524	1,628,932
Mercedes-Benz Auto Receivables Trust		
Series 2021-1, Class A2		
0.210%, 07/15/2024	2,000,000	1,996,428
Nissan Auto Lease Trust		
Series 2019-B, Class A4		
2.290%, 04/15/2025	12,824	12,833
Nissan Auto Receivables Owner Trust		
Series 2018-A, Class A4		
2.890%, 06/17/2024	1,408,010	1,414,780
Series 2018-B, Class A3		
3.060%, 03/15/2023	131,301	131,572
Series 2019-A, Class A3		
2.900%, 10/16/2023	855,477	861,525
Series 2019-B, Class A3		
2.500%, 11/15/2023	1,206,373	1,216,224
Santander Consumer Auto Receivables		
Trust		
Series 2020-AA, Class A		
1.370%, 10/15/2024 (B)	332,616	333,594
Santander Drive Auto Receivables Trust		
Series 2021-3, Class A2		
0.290%, 05/15/2024	1,413,808	1,413,374
Series 2021-3, Class A3		
0.330%, 03/17/2025	242,000	241,085
SMB Private Education Loan Trust		
Series 2015-A, Class A2A		
2.490%, 06/15/2027 (B)	36,475	36,503
Tesla Auto Lease Trust		
Series 2020-A, Class A3		
0.680%, 12/20/2023 (B)	434,000	434,109
Verizon Owner Trust		
Series 2018-A, Class A1A		
3.230%, 04/20/2023	5,365	5,373
Series 2020-B, Class A		
0.470%, 02/20/2025	3,000,000	2,991,976
Westlake Automobile Receivables Trust		
Series 2019-2A, Class C		
2.840%, 07/15/2024 (B)	744,296	747,949
Series 2021-3A, Class A2		
0.570%, 09/16/2024 (B)	650,000	649,521
World Omni Auto Receivables Trust		
Series 2018-C, Class A3		
3.130%, 11/15/2023	138,215	138,942
Series 2018-D, Class A3		
3.330%, 04/15/2024	176,497	177,909
TOTAL ASSET BACKED SECURITIES (Cost		
\$43,979,213)		\$ 43,596,216

John Hancock Variable Insurance Trust

Portfolio of Investments — December 31, 2021 (showing percentage of total net assets)

Ultra Short Term Bond Trust (continued)

	Shares or Principal Amount	Value
SHORT-TERM INVESTMENTS – 25.1%		
U.S. Government – 24.5%		
U.S. Treasury Bill		
0.045%, 02/24/2022 *	\$ 10,000,000	\$ 9,999,603
0.047%, 03/03/2022 *	13,000,000	12,998,988
0.051%, 01/27/2022 *	18,000,000	17,999,670
0.052%, 02/15/2022 *	19,000,000	18,999,376
		59,997,637
Short-term funds – 0.6%		
State Street Institutional		
U.S. Government Money Market Fund, Premier Class, 0.0250% (D)	1,559,059	1,559,059
TOTAL SHORT-TERM INVESTMENTS (Cost \$61,555,474)		\$ 61,556,696
Total Investments (Ultra Short Term Bond Trust) (Cost \$243,690,567) – 99.2%		\$ 243,401,463
Other assets and liabilities, net – 0.8%		1,935,895
TOTAL NET ASSETS – 100.0%		\$ 245,337,358

Security Abbreviations and Legend

CMT	Constant Maturity Treasury
LIBOR	London Interbank Offered Rate
SOFR	Secured Overnight Financing Rate
(A)	Variable rate obligation. The coupon rate shown represents the rate at period end.
(B)	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 \$58,227,817 or 23.7% of the fund's net assets as of 12-31-21.
(C)	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. The interest rate shown is the current rate as of period end.
(D)	The rate shown is the annualized seven-day yield as of 12-31-21.
*	Yield represents either the annualized yield at the date of purchase, the stated coupon rate or, for floating rate securities, the rate at period end.