

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## 500 Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.2%</b>		
<b>Communication services – 8.6%</b>		
<b>Diversified telecommunication services – 1.1%</b>		
AT&T, Inc.	1,471,068	\$ 30,833,585
Lumen Technologies, Inc.	200,501	2,187,466
Verizon Communications, Inc.	861,646	43,728,535
		76,749,586
<b>Entertainment – 1.2%</b>		
Activision Blizzard, Inc.	160,678	12,510,389
Electronic Arts, Inc.	57,843	7,036,601
Live Nation Entertainment, Inc. (A)	28,794	2,377,809
Netflix, Inc. (A)	90,994	15,912,121
Take-Two Interactive Software, Inc. (A)	32,497	3,981,857
The Walt Disney Company (A)	372,594	35,172,874
Warner Bros Discovery, Inc. (A)(B)	449,536	6,032,773
		83,024,424
<b>Interactive media and services – 5.1%</b>		
Alphabet, Inc., Class A (A)	61,610	134,264,209
Alphabet, Inc., Class C (A)	56,493	123,575,613
Match Group, Inc. (A)	58,231	4,058,118
Meta Platforms, Inc., Class A (A)	469,975	75,783,469
Twitter, Inc. (A)	156,462	5,850,114
		343,531,523
<b>Media – 0.9%</b>		
Charter Communications, Inc., Class A (A)	22,744	10,656,246
Comcast Corp., Class A	916,267	35,954,317
DISH Network Corp., Class A (A)	50,596	907,186
Fox Corp., Class A	65,733	2,113,973
Fox Corp., Class B	30,146	895,336
News Corp., Class A	79,517	1,238,875
News Corp., Class B	24,750	393,278
Omnicom Group, Inc.	43,579	2,772,060
Paramount Global, Class B	123,135	3,038,972
The Interpublic Group of Companies, Inc.	80,005	2,202,538
		60,172,781
<b>Wireless telecommunication services – 0.3%</b>		
T-Mobile US, Inc. (A)	120,769	16,248,261
		579,726,575
<b>Consumer discretionary – 10.3%</b>		
<b>Auto components – 0.1%</b>		
Aptiv PLC (A)	54,982	4,897,247
BorgWarner, Inc.	48,739	1,626,420
		6,523,667
<b>Automobiles – 2.0%</b>		
Ford Motor Company	813,554	9,054,856
General Motors Company (A)	300,814	9,553,853
Tesla, Inc. (A)	171,901	115,761,571
		134,370,280
<b>Distributors – 0.2%</b>		
Genuine Parts Company	29,109	3,871,497
LKQ Corp.	54,953	2,697,643
Pool Corp.	8,151	2,862,876
		9,432,016
<b>Hotels, restaurants and leisure – 1.8%</b>		
Booking Holdings, Inc. (A)	8,346	14,597,071
Caesars Entertainment, Inc. (A)	43,381	1,661,492
Carnival Corp. (A)	162,307	1,403,956
Chipotle Mexican Grill, Inc. (A)	5,710	7,464,455
Darden Restaurants, Inc.	26,488	2,996,323
Domino's Pizza, Inc.	7,491	2,919,318
Expedia Group, Inc. (A)	30,716	2,912,798
Hilton Worldwide Holdings, Inc.	56,644	6,312,407
Las Vegas Sands Corp. (A)	69,878	2,347,202

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Marriott International, Inc., Class A	56,869	\$ 7,734,753
McDonald's Corp.	151,330	37,360,350
MGM Resorts International	75,944	2,198,579
Norwegian Cruise Line Holdings, Ltd. (A)	86,884	966,150
Penn National Gaming, Inc. (A)	31,868	969,425
Royal Caribbean Cruises, Ltd. (A)	45,556	1,590,360
Starbucks Corp.	234,993	17,951,115
Wynn Resorts, Ltd. (A)	21,395	1,219,087
Yum! Brands, Inc.	58,338	6,621,946
		119,226,787
<b>Household durables – 0.3%</b>		
D.R. Horton, Inc.	66,251	4,385,154
Garmin, Ltd.	30,881	3,034,058
Lennar Corp., A Shares	53,242	3,757,288
Mohawk Industries, Inc. (A)	9,800	1,216,082
Newell Brands, Inc.	76,953	1,465,185
NVR, Inc. (A)	631	2,526,612
PulteGroup, Inc.	47,772	1,893,204
Whirlpool Corp.	11,579	1,793,240
		20,070,823
<b>Internet and direct marketing retail – 2.9%</b>		
Amazon.com, Inc. (A)	1,792,554	190,387,160
eBay, Inc.	114,968	4,790,717
Etsy, Inc. (A)	25,727	1,883,474
		197,061,351
<b>Leisure products – 0.0%</b>		
Hasbro, Inc.	26,306	2,153,935
<b>Multiline retail – 0.5%</b>		
Dollar General Corp.	46,932	11,518,990
Dollar Tree, Inc. (A)	46,676	7,274,455
Target Corp.	94,817	13,391,005
		32,184,450
<b>Specialty retail – 2.0%</b>		
Advance Auto Parts, Inc.	12,162	2,105,121
AutoZone, Inc. (A)	4,062	8,729,725
Bath & Body Works, Inc.	48,039	1,293,210
Best Buy Company, Inc.	40,801	2,659,817
CarMax, Inc. (A)	33,117	2,996,426
Lowe's Companies, Inc.	135,389	23,648,397
O'Reilly Automotive, Inc. (A)	13,332	8,422,624
Ross Stores, Inc.	72,587	5,097,785
The Home Depot, Inc.	211,650	58,049,246
The TJX Companies, Inc.	241,617	13,494,309
Tractor Supply Company	23,240	4,505,074
Ulta Beauty, Inc. (A)	10,646	4,103,820
		135,105,554
<b>Textiles, apparel and luxury goods – 0.5%</b>		
NIKE, Inc., Class B	259,778	26,549,312
PVH Corp.	14,504	825,278
Ralph Lauren Corp.	9,884	886,101
Tapestry, Inc.	50,676	1,546,632
VF Corp.	66,239	2,925,777
		32,733,100
		688,861,963
<b>Consumer staples – 6.8%</b>		
<b>Beverages – 1.8%</b>		
Brown-Forman Corp., Class B	37,138	2,605,602
Constellation Brands, Inc., Class A	33,187	7,734,562
Keurig Dr. Pepper, Inc.	151,437	5,359,355
Molson Coors Beverage Company, Class B	38,292	2,087,297
Monster Beverage Corp. (A)	76,324	7,075,235
PepsiCo, Inc.	283,586	47,262,443

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Beverages (continued)</b>		
The Coca-Cola Company	799,604	\$ 50,303,088
		122,427,582
<b>Food and staples retailing – 1.5%</b>		
Costco Wholesale Corp.	90,920	43,576,138
Sysco Corp.	103,982	8,808,315
The Kroger Company	134,353	6,358,927
Walgreens Boots Alliance, Inc.	145,925	5,530,558
Walmart, Inc.	287,177	34,914,980
		99,188,918
<b>Food products – 1.1%</b>		
Archer-Daniels-Midland Company	116,080	9,007,808
Campbell Soup Company	41,270	1,983,024
Conagra Brands, Inc.	97,630	3,342,851
General Mills, Inc.	123,229	9,297,628
Hormel Foods Corp.	57,293	2,713,396
Kellogg Company	51,964	3,707,112
Lamb Weston Holdings, Inc.	29,496	2,107,784
McCormick & Company, Inc.	50,650	4,216,613
Mondelez International, Inc., Class A	284,114	17,640,638
The Hershey Company	29,559	6,359,914
The J.M. Smucker Company	22,021	2,818,908
The Kraft Heinz Company	144,293	5,503,335
Tyson Foods, Inc., Class A	59,923	5,156,973
		73,855,984
<b>Household products – 1.5%</b>		
Church & Dwight Company, Inc.	49,908	4,624,475
Colgate-Palmolive Company	171,449	13,739,923
Kimberly-Clark Corp.	68,449	9,250,882
The Clorox Company	24,962	3,519,143
The Procter & Gamble Company	491,575	70,683,569
		101,817,992
<b>Personal products – 0.2%</b>		
The Estee Lauder Companies, Inc., Class A	47,941	12,209,134
<b>Tobacco – 0.7%</b>		
Altria Group, Inc.	370,520	15,476,620
Philip Morris International, Inc.	316,782	31,279,055
		46,755,675
		456,255,285
<b>Energy – 4.2%</b>		
<b>Energy equipment and services – 0.3%</b>		
Baker Hughes Company	192,980	5,571,333
Halliburton Company	186,510	5,848,954
Schlumberger NV	289,398	10,348,872
		21,769,159
<b>Oil, gas and consumable fuels – 3.9%</b>		
APA Corp.	70,185	2,449,457
Chevron Corp.	402,000	58,201,560
ConocoPhillips	264,444	23,749,716
Coterra Energy, Inc.	166,639	4,297,620
Devon Energy Corp.	125,105	6,894,537
Diamondback Energy, Inc.	34,592	4,190,821
EOG Resources, Inc.	120,212	13,276,213
Exxon Mobil Corp.	862,541	73,868,011
Hess Corp.	56,019	5,934,653
Kinder Morgan, Inc.	396,186	6,640,077
Marathon Oil Corp.	144,798	3,255,059
Marathon Petroleum Corp.	110,779	9,107,142
Occidental Petroleum Corp.	183,553	10,807,601
ONEOK, Inc.	90,583	5,027,357
Phillips 66	98,512	8,076,999
Pioneer Natural Resources Company	46,115	10,287,334

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
The Williams Companies, Inc.	253,128	\$ 7,900,125
Valero Energy Corp.	83,095	8,831,337
		262,795,619
		284,564,778
<b>Financials – 10.5%</b>		
<b>Banks – 3.6%</b>		
Bank of America Corp.	1,451,712	45,191,795
Citigroup, Inc.	397,889	18,298,915
Citizens Financial Group, Inc.	101,165	3,610,579
Comerica, Inc.	27,221	1,997,477
Fifth Third Bancorp	140,392	4,717,171
First Republic Bank	37,019	5,338,140
Huntington Bancshares, Inc.	300,118	3,610,420
JPMorgan Chase & Co.	601,633	67,749,892
KeyCorp	193,106	3,327,216
M&T Bank Corp.	36,417	5,804,506
Regions Financial Corp.	194,015	3,637,781
Signature Bank	13,027	2,334,569
SVB Financial Group (A)	11,924	4,709,861
The PNC Financial Services Group, Inc.	85,209	13,443,424
Truist Financial Corp.	271,312	12,868,328
U.S. Bancorp	278,463	12,814,867
Wells Fargo & Company	776,800	30,427,256
Zions Bancorp NA	29,664	1,509,898
		241,392,095
<b>Capital markets – 2.8%</b>		
Ameriprise Financial, Inc.	22,323	5,305,731
BlackRock, Inc.	29,079	17,710,274
Cboe Global Markets, Inc.	21,672	2,453,054
CME Group, Inc.	73,928	15,133,062
FactSet Research Systems, Inc.	7,673	2,950,806
Franklin Resources, Inc.	57,236	1,334,171
Intercontinental Exchange, Inc.	114,464	10,764,195
Invesco, Ltd.	69,397	1,119,374
MarketAxess Holdings, Inc.	7,724	1,977,421
Moody's Corp.	32,926	8,954,884
Morgan Stanley	286,554	21,795,297
MSCI, Inc.	16,757	6,906,398
Nasdaq, Inc.	23,790	3,628,927
Northern Trust Corp.	42,357	4,086,603
Raymond James Financial, Inc.	39,881	3,565,760
S&P Global, Inc.	71,144	23,979,797
State Street Corp.	74,316	4,581,581
T. Rowe Price Group, Inc.	45,897	5,214,358
The Bank of New York Mellon Corp.	154,844	6,458,543
The Charles Schwab Corp.	310,860	19,640,135
The Goldman Sachs Group, Inc.	70,230	20,859,715
		188,420,086
<b>Consumer finance – 0.5%</b>		
American Express Company	124,322	17,233,516
Capital One Financial Corp.	80,524	8,389,796
Discover Financial Services	56,676	5,360,416
Synchrony Financial	104,590	2,888,776
		33,872,504
<b>Diversified financial services – 1.5%</b>		
Berkshire Hathaway, Inc., Class B (A)	370,466	101,144,627
<b>Insurance – 2.1%</b>		
Aflac, Inc.	121,822	6,740,411
American International Group, Inc.	162,292	8,297,990
Aon PLC, Class A	43,133	11,632,107
Arthur J. Gallagher & Company	43,308	7,060,936
Assurant, Inc.	10,821	1,870,410
Brown & Brown, Inc.	47,508	2,771,617

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
Chubb, Ltd.	86,634	\$ 17,030,512
Cincinnati Financial Corp.	30,468	3,625,083
Everest Re Group, Ltd.	8,104	2,271,389
Globe Life, Inc.	19,021	1,853,977
Lincoln National Corp.	31,906	1,492,244
Loews Corp.	41,311	2,448,090
Marsh & McLennan Companies, Inc.	102,974	15,986,714
MetLife, Inc.	140,887	8,846,295
Principal Financial Group, Inc.	47,711	3,186,618
Prudential Financial, Inc.	76,340	7,304,211
The Allstate Corp.	56,329	7,138,574
The Hartford Financial Services Group, Inc.	67,332	4,405,533
The Progressive Corp.	120,682	14,031,696
The Travelers Companies, Inc.	49,172	8,316,460
W.R. Berkley Corp.	42,759	2,918,729
Willis Towers Watson PLC	22,937	4,527,534
		143,757,130
		708,586,442
<b>Health care – 14.7%</b>		
<b>Biotechnology – 2.1%</b>		
AbbVie, Inc.	362,480	55,517,437
Amgen, Inc.	109,244	26,579,065
Biogen, Inc. (A)	30,292	6,177,750
Gilead Sciences, Inc.	258,205	15,959,651
Incyte Corp. (A)	38,153	2,898,483
Moderna, Inc. (A)	70,711	10,101,066
Regeneron Pharmaceuticals, Inc. (A)	22,159	13,098,850
Vertex Pharmaceuticals, Inc. (A)	52,356	14,753,397
		145,085,699
<b>Health care equipment and supplies – 2.7%</b>		
Abbott Laboratories	358,739	38,976,992
ABIOMED, Inc. (A)	9,224	2,283,032
Align Technology, Inc. (A)	14,935	3,534,666
Baxter International, Inc.	104,503	6,712,228
Becton, Dickinson and Company	58,373	14,390,696
Boston Scientific Corp. (A)	294,854	10,989,209
Dentsply Sirona, Inc.	44,422	1,587,198
DexCom, Inc. (A)	81,405	6,067,115
Edwards Lifesciences Corp. (A)	126,695	12,047,428
Hologic, Inc. (A)	51,523	3,570,544
IDEXX Laboratories, Inc. (A)	17,292	6,064,823
Intuitive Surgical, Inc. (A)	73,313	14,714,652
Medtronic PLC	275,477	24,724,061
ResMed, Inc.	29,577	6,200,227
STERIS PLC	20,277	4,180,104
Stryker Corp.	69,077	13,741,488
Teleflex, Inc.	9,513	2,338,771
The Cooper Companies, Inc.	10,010	3,134,331
Zimmer Biomet Holdings, Inc.	42,448	4,459,587
		179,717,152
<b>Health care providers and services – 3.4%</b>		
AmerisourceBergen Corp.	30,408	4,302,124
Cardinal Health, Inc.	55,128	2,881,541
Centene Corp. (A)	121,041	10,241,279
Cigna Corp.	64,958	17,117,732
CVS Health Corp.	268,211	24,852,431
DaVita, Inc. (A)	11,456	916,022
Elevance Health, Inc.	49,557	23,915,217
HCA Healthcare, Inc.	46,588	7,829,579
Henry Schein, Inc. (A)	28,393	2,178,879
Humana, Inc.	26,119	12,225,520
Laboratory Corp. of America Holdings	18,832	4,413,468
McKesson Corp.	29,746	9,703,443

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
Molina Healthcare, Inc. (A)	11,851	\$ 3,313,658
Quest Diagnostics, Inc.	23,310	3,099,764
UnitedHealth Group, Inc.	192,309	98,775,672
Universal Health Services, Inc., Class B	13,560	1,365,628
		227,131,957
<b>Life sciences tools and services – 1.8%</b>		
Agilent Technologies, Inc.	61,676	7,325,259
Bio-Rad Laboratories, Inc., Class A (A)	4,368	2,162,160
Bio-Techne Corp.	7,905	2,740,189
Charles River Laboratories International, Inc. (A)	10,243	2,191,695
Danaher Corp.	132,533	33,599,766
Illumina, Inc. (A)	31,856	5,872,972
IQVIA Holdings, Inc. (A)	38,946	8,450,893
Mettler-Toledo International, Inc. (A)	4,699	5,398,070
PerkinElmer, Inc.	25,714	3,657,045
Thermo Fisher Scientific, Inc.	79,955	43,437,952
Waters Corp. (A)	12,472	4,127,983
West Pharmaceutical Services, Inc.	15,037	4,546,738
		123,510,722
<b>Pharmaceuticals – 4.7%</b>		
Bristol-Myers Squibb Company	435,964	33,569,228
Catalent, Inc. (A)	36,817	3,950,096
Eli Lilly & Company	161,508	52,365,739
Johnson & Johnson	539,020	95,681,440
Merck & Company, Inc.	517,826	47,210,196
Organon & Company	51,529	1,739,104
Pfizer, Inc.	1,147,996	60,189,430
Viatrix, Inc.	245,795	2,573,474
Zoetis, Inc.	96,332	16,558,507
		313,837,214
		989,282,744
<b>Industrials – 7.6%</b>		
<b>Aerospace and defense – 1.7%</b>		
General Dynamics Corp.	47,159	10,433,929
Howmet Aerospace, Inc.	78,461	2,467,598
Huntington Ingalls Industries, Inc.	8,159	1,777,193
L3Harris Technologies, Inc.	39,494	9,545,700
Lockheed Martin Corp.	48,512	20,858,220
Northrop Grumman Corp.	29,993	14,353,750
Raytheon Technologies Corp.	304,129	29,229,838
Textron, Inc.	45,557	2,782,166
The Boeing Company (A)	114,054	15,593,463
TransDigm Group, Inc. (A)	10,642	5,711,242
		112,753,099
<b>Air freight and logistics – 0.7%</b>		
CH Robinson Worldwide, Inc.	26,771	2,713,776
Expeditors International of Washington, Inc.	34,531	3,365,391
FedEx Corp.	48,768	11,056,193
United Parcel Service, Inc., Class B	150,267	27,429,738
		44,565,098
<b>Airlines – 0.2%</b>		
Alaska Air Group, Inc. (A)	25,454	1,019,433
American Airlines Group, Inc. (A)	131,599	1,668,675
Delta Air Lines, Inc. (A)	130,066	3,768,012
Southwest Airlines Company (A)	120,255	4,343,611
United Airlines Holdings, Inc. (A)	65,776	2,329,786
		13,129,517
<b>Building products – 0.4%</b>		
A.O. Smith Corp.	27,073	1,480,352
Allegion PLC	18,231	1,784,815

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Building products (continued)</b>		
Carrier Global Corp.	171,027	\$ 6,098,823
Fortune Brands Home & Security, Inc.	28,025	1,678,137
Johnson Controls International PLC	144,763	6,931,252
Masco Corp.	46,384	2,347,030
Trane Technologies PLC	48,295	6,272,072
		26,592,481
<b>Commercial services and supplies – 0.4%</b>		
Cintas Corp.	17,789	6,644,725
Copart, Inc. (A)	43,277	4,702,479
Republic Services, Inc.	42,708	5,589,196
Rollins, Inc.	46,008	1,606,599
Waste Management, Inc.	78,743	12,046,104
		30,589,103
<b>Construction and engineering – 0.0%</b>		
Quanta Services, Inc.	29,864	3,743,154
<b>Electrical equipment – 0.5%</b>		
AMETEK, Inc.	46,994	5,164,171
Eaton Corp. PLC	81,018	10,207,458
Emerson Electric Company	121,506	9,664,587
Generac Holdings, Inc. (A)	12,830	2,701,741
Rockwell Automation, Inc.	23,583	4,700,328
		32,438,285
<b>Industrial conglomerates – 0.8%</b>		
3M Company	116,060	15,019,325
General Electric Company	225,488	14,356,821
Honeywell International, Inc.	139,266	24,205,823
		53,581,969
<b>Machinery – 1.5%</b>		
Caterpillar, Inc.	109,116	19,505,576
Cummins, Inc.	29,189	5,648,947
Deere & Company	57,117	17,104,828
Dover Corp.	29,261	3,549,945
Fortive Corp.	72,845	3,961,311
IDEX Corp.	15,447	2,805,639
Illinois Tool Works, Inc.	58,257	10,617,338
Ingersoll Rand, Inc.	82,354	3,465,456
Nordson Corp.	11,195	2,266,316
Otis Worldwide Corp.	86,745	6,130,269
PACCAR, Inc.	70,565	5,810,322
Parker-Hannifin Corp.	26,231	6,454,138
Pentair PLC	33,712	1,542,998
Snap-on, Inc.	10,970	2,161,419
Stanley Black & Decker, Inc.	31,148	3,266,179
Wabtec Corp.	38,422	3,153,678
Xylem, Inc.	36,619	2,862,873
		100,307,232
<b>Professional services – 0.3%</b>		
Equifax, Inc.	24,764	4,526,364
Jacobs Engineering Group, Inc.	26,487	3,367,292
Leidos Holdings, Inc.	28,774	2,897,830
Nielsen Holdings PLC	72,928	1,693,388
Robert Half International, Inc.	22,758	1,704,347
Verisk Analytics, Inc.	32,795	5,676,487
		19,865,708
<b>Road and rail – 0.9%</b>		
CSX Corp.	444,885	12,928,358
JB Hunt Transport Services, Inc.	17,105	2,693,524
Norfolk Southern Corp.	48,477	11,018,337
Old Dominion Freight Line, Inc.	19,067	4,886,491

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Road and rail (continued)</b>		
Union Pacific Corp.	128,650	\$ 27,438,472
		58,965,182
<b>Trading companies and distributors – 0.2%</b>		
Fastenal Company	116,818	5,831,555
United Rentals, Inc. (A)	14,714	3,574,178
W.W. Grainger, Inc.	8,891	4,040,337
		13,446,070
		509,976,898
<b>Information technology – 26.1%</b>		
<b>Communications equipment – 0.8%</b>		
Arista Networks, Inc. (A)	45,532	4,268,170
Cisco Systems, Inc.	851,220	36,296,021
F5, Inc. (A)	12,259	1,876,117
Juniper Networks, Inc.	66,088	1,883,508
Motorola Solutions, Inc.	34,416	7,213,594
		51,537,410
<b>Electronic equipment, instruments and components – 0.6%</b>		
Amphenol Corp., Class A	121,584	7,827,578
CDW Corp.	27,947	4,403,329
Corning, Inc.	156,177	4,921,137
Keysight Technologies, Inc. (A)	37,445	5,161,793
TE Connectivity, Ltd.	66,667	7,543,371
Teledyne Technologies, Inc. (A)	9,473	3,553,417
Trimble, Inc. (A)	51,143	2,978,057
Zebra Technologies Corp., Class A (A)	10,854	3,190,533
		39,579,215
<b>IT services – 4.3%</b>		
Accenture PLC, Class A	129,766	36,029,530
Akamai Technologies, Inc. (A)	33,096	3,022,658
Automatic Data Processing, Inc.	85,993	18,061,970
Broadridge Financial Solutions, Inc.	23,612	3,365,891
Cognizant Technology Solutions Corp., Class A	106,830	7,209,957
DXC Technology Company (A)	51,201	1,551,902
EPAM Systems, Inc. (A)	11,569	3,410,310
Fidelity National Information Services, Inc.	125,633	11,516,777
Fiserv, Inc. (A)	118,991	10,586,629
FleetCor Technologies, Inc. (A)	15,897	3,340,119
Gartner, Inc. (A)	16,169	3,910,149
Global Payments, Inc.	58,017	6,419,001
IBM Corp.	183,958	25,973,030
Jack Henry & Associates, Inc.	15,098	2,717,942
Mastercard, Inc., Class A	175,667	55,419,425
Paychex, Inc.	65,092	7,412,026
PayPal Holdings, Inc. (A)	236,242	16,499,141
VeriSign, Inc. (A)	19,783	3,310,289
Visa, Inc., Class A	337,220	66,395,246
		286,151,992
<b>Semiconductors and semiconductor equipment – 5.0%</b>		
Advanced Micro Devices, Inc. (A)	331,029	25,313,788
Analog Devices, Inc.	107,255	15,668,883
Applied Materials, Inc.	181,342	16,498,495
Broadcom, Inc.	83,600	40,613,716
Enphase Energy, Inc. (A)	27,362	5,342,157
Intel Corp.	837,493	31,330,613
KLA Corp.	30,439	9,712,476
Lam Research Corp.	28,615	12,194,282
Microchip Technology, Inc.	114,171	6,631,052
Micron Technology, Inc.	228,815	12,648,893
Monolithic Power Systems, Inc.	8,773	3,369,183
NVIDIA Corp.	512,972	77,761,425
NXP Semiconductors NV	53,890	7,977,337
ON Semiconductor Corp. (A)	89,060	4,480,609

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
Qorvo, Inc. (A)	22,590	\$ 2,130,689
Qualcomm, Inc.	230,132	29,397,062
Skyworks Solutions, Inc.	33,567	3,109,647
SolarEdge Technologies, Inc. (A)	11,411	3,122,962
Teradyne, Inc.	33,532	3,002,791
Texas Instruments, Inc.	188,927	29,028,634
		339,334,694
<b>Software – 8.7%</b>		
Adobe, Inc. (A)	96,842	35,449,983
ANSYS, Inc. (A)	17,735	4,243,808
Autodesk, Inc. (A)	44,719	7,689,879
Cadence Design Systems, Inc. (A)	56,257	8,440,238
Ceridian HCM Holding, Inc. (A)	27,414	1,290,651
Citrix Systems, Inc.	25,251	2,453,640
Fortinet, Inc. (A)	137,760	7,794,461
Intuit, Inc.	58,218	22,439,546
Microsoft Corp.	1,531,995	393,462,276
NortonLifeLock, Inc.	118,147	2,594,508
Oracle Corp.	322,066	22,502,751
Paycom Software, Inc. (A)	9,771	2,737,053
PTC, Inc. (A)	21,473	2,283,439
Roper Technologies, Inc.	21,939	8,658,226
salesforce.com, Inc. (A)	203,619	33,605,280
ServiceNow, Inc. (A)	41,054	19,521,998
Synopsys, Inc. (A)	31,117	9,450,233
Tyler Technologies, Inc. (A)	8,302	2,760,249
		587,378,219
<b>Technology hardware, storage and peripherals – 6.7%</b>		
Apple, Inc.	3,149,669	430,622,728
Hewlett Packard Enterprise Company	265,437	3,519,695
HP, Inc.	215,495	7,063,926
NetApp, Inc.	45,532	2,970,508
Seagate Technology Holdings PLC	40,066	2,862,315
Western Digital Corp. (A)	66,218	2,968,553
		450,007,725
		1,753,989,255
<b>Materials – 2.5%</b>		
<b>Chemicals – 1.7%</b>		
Air Products & Chemicals, Inc.	45,814	11,017,351
Albemarle Corp.	23,771	4,967,664
Celanese Corp.	22,585	2,656,222
CF Industries Holdings, Inc.	43,720	3,748,116
Corteva, Inc.	149,227	8,079,150
Dow, Inc.	148,163	7,646,692
DuPont de Nemours, Inc.	103,061	5,728,130
Eastman Chemical Company	25,492	2,288,417
Ecolab, Inc.	50,589	7,778,565
FMC Corp.	26,159	2,799,275
International Flavors & Fragrances, Inc.	52,304	6,230,452
Linde PLC	102,967	29,606,102
LyondellBasell Industries NV, Class A	53,714	4,697,826
PPG Industries, Inc.	48,244	5,516,219
The Mosaic Company	73,303	3,462,101
The Sherwin-Williams Company	49,236	11,024,433
		117,246,715
<b>Construction materials – 0.1%</b>		
Martin Marietta Materials, Inc.	12,678	3,793,765
Vulcan Materials Company	26,967	3,832,011
		7,625,776
<b>Containers and packaging – 0.3%</b>		
AmcOR PLC	313,377	3,895,276
Avery Dennison Corp.	16,846	2,726,862
Ball Corp.	66,385	4,565,296

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Containers and packaging (continued)</b>		
International Paper Company	74,983	\$ 3,136,539
Packaging Corp. of America	19,308	2,654,850
Sealed Air Corp.	30,466	1,758,498
Westrock Company	54,270	2,162,117
		20,899,438
<b>Metals and mining – 0.4%</b>		
Freeport-McMoRan, Inc.	298,392	8,730,950
Newmont Corp.	162,427	9,692,019
Nucor Corp.	53,904	5,628,117
		24,051,086
		169,823,015
<b>Real estate – 2.9%</b>		
<b>Equity real estate investment trusts – 2.8%</b>		
Alexandria Real Estate Equities, Inc.	30,474	4,419,644
American Tower Corp.	95,324	24,363,861
AvalonBay Communities, Inc.	28,378	5,512,427
Boston Properties, Inc.	28,885	2,570,187
Camden Property Trust	21,178	2,848,017
Crown Castle International Corp.	89,071	14,997,775
Digital Realty Trust, Inc.	58,961	7,654,907
Duke Realty Corp.	80,557	4,426,607
Equinix, Inc.	18,540	12,181,151
Equity Residential	69,260	5,001,957
Essex Property Trust, Inc.	13,219	3,456,901
Extra Space Storage, Inc.	27,197	4,626,754
Federal Realty Investment Trust	14,226	1,361,997
Healthpeak Properties, Inc.	109,548	2,838,389
Host Hotels & Resorts, Inc.	145,119	2,275,466
Iron Mountain, Inc.	58,834	2,864,627
Kimco Realty Corp.	124,700	2,465,319
Mid-America Apartment Communities, Inc.	23,582	4,119,068
Prologis, Inc.	151,717	17,849,505
Public Storage	30,986	9,688,393
Realty Income Corp.	124,101	8,471,134
Regency Centers Corp.	31,075	1,843,058
SBA Communications Corp.	22,267	7,126,553
Simon Property Group, Inc.	66,792	6,339,897
UDR, Inc.	60,802	2,799,324
Ventas, Inc.	83,830	4,311,377
VICI Properties, Inc.	198,135	5,902,442
Vornado Realty Trust	32,316	923,914
Welltower, Inc.	93,685	7,714,960
Weyerhaeuser Company	152,398	5,047,422
		186,003,033
<b>Real estate management and development – 0.1%</b>		
CBRE Group, Inc., Class A (A)	68,240	5,023,146
		191,026,179
<b>Utilities – 3.0%</b>		
<b>Electric utilities – 1.9%</b>		
Alliant Energy Corp.	50,866	2,981,256
American Electric Power Company, Inc.	104,831	10,057,486
Constellation Energy Corp.	66,250	3,793,475
Duke Energy Corp.	158,331	16,974,667
Edison International	77,177	4,880,673
Entergy Corp.	42,666	4,805,898
Eversource Energy	46,606	3,041,042
Exelon Corp.	69,847	5,899,976
FirstEnergy Corp.	198,750	9,007,350
NextEra Energy, Inc.	117,387	4,506,487
NRG Energy, Inc.	404,033	31,296,396
Pinnacle West Capital Corp.	49,752	1,899,034
PPL Corp.	22,924	1,676,203
	148,954	4,041,122

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electric utilities (continued)</b>		
The Southern Company	218,505	\$ 15,581,592
Xcel Energy, Inc.	112,421	7,954,910
		<u>128,397,567</u>
<b>Gas utilities – 0.1%</b>		
Atmos Energy Corp.	28,557	3,201,240
<b>Independent power and renewable electricity producers – 0.0%</b>		
The AES Corp.	135,441	2,845,615
<b>Multi-utilities – 0.9%</b>		
Ameren Corp.	52,266	4,722,756
CenterPoint Energy, Inc.	129,183	3,821,233
CMS Energy Corp.	58,874	3,973,995
Consolidated Edison, Inc.	71,827	6,830,748
Dominion Energy, Inc.	167,123	13,338,087
DTE Energy Company	39,381	4,991,542
NiSource, Inc.	86,841	2,560,941
Public Service Enterprise Group, Inc.	102,761	6,502,716
Sempra Energy	64,905	9,753,274
WEC Energy Group, Inc.	64,114	6,452,433
		<u>62,947,725</u>
<b>Water utilities – 0.1%</b>		
American Water Works Company, Inc.	36,890	5,488,125
		<u>202,880,272</u>
<b>TOTAL COMMON STOCKS (Cost \$2,871,115,766)</b>		<b>\$ 6,534,973,406</b>
<b>SHORT-TERM INVESTMENTS – 2.6%</b>		
<b>U.S. Government – 0.1%</b>		
U.S. Treasury Bill		
0.970%, 07/19/2022 *	\$ 8,200,000	8,195,808
<b>U.S. Government Agency – 2.5%</b>		
Federal Home Loan Bank Discount Note		
0.870%, 07/14/2022 *	70,000,000	69,964,866

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
S&P 500 E-Mini Index Futures	1,004	Long	Sep 2022	\$201,095,945	\$190,232,900	\$(10,863,045)
						<b>\$(10,863,045)</b>

<sup>^</sup> Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

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

## American Asset Allocation Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American Asset Allocation Fund - Class 1	52,202,251	\$ 1,144,273,347
<b>TOTAL INVESTMENT COMPANIES (Cost \$1,099,271,628)</b>		<b>\$ 1,144,273,347</b>
<b>Total Investments (American Asset Allocation Trust) (Cost \$1,099,271,628) - 100.0%</b>		<b>\$ 1,144,273,347</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(102,809)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 1,144,170,538</b>

## 500 Index Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>U.S. Government Agency (continued)</b>		
Federal Home Loan Bank		
Discount Note (continued)		
1.225%, 07/06/2022 *	\$ 35,000,000	\$ 34,993,242
1.380%, 08/03/2022 *	50,000,000	49,921,898
1.570%, 08/25/2022 *	13,000,000	12,966,173
		<u>167,846,179</u>
<b>Short-term funds – 0.0%</b>		
John Hancock Collateral Trust,		
1.4215% (C)(D)	45,680	456,633
<b>Repurchase agreement – 0.0%</b>		
Repurchase Agreement with State Street		
Corp. dated 6-30-22 at 0.240% to be		
repurchased at \$1,046,007 on 7-1-22,		
collateralized by \$1,068,100		
U.S. Treasury Notes, 3.000% due		
6-30-24 (valued at \$1,066,932)	\$ 1,046,000	1,046,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$177,576,360)</b>		<b>\$ 177,544,620</b>
<b>Total Investments (500 Index Trust)</b>		<b>\$ 6,712,518,026</b>
<b>(Cost \$3,048,692,126) – 99.8%</b>		<b>10,138,634</b>
<b>Other assets and liabilities, net – 0.2%</b>		<b>10,138,634</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 6,722,656,660</b>

### Security Abbreviations and Legend

- (A) Non-income producing security.
  - (B) All or a portion of this security is on loan as of 6-30-22.
  - (C) The rate shown is the annualized seven-day yield as of 6-30-22.
  - (D) 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.

## American Global Growth Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American Global Growth Fund - Class 1	6,150,429	\$ 178,792,977
<b>TOTAL INVESTMENT COMPANIES (Cost \$180,180,850)</b>		<b>\$ 178,792,977</b>
<b>Total Investments (American Global Growth Trust) (Cost \$180,180,850) - 100.0%</b>		<b>\$ 178,792,977</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(32,318)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 178,760,659</b>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## American Growth Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American Growth Fund - Class 1	10,040,203	\$ 769,179,988
<b>TOTAL INVESTMENT COMPANIES (Cost \$797,504,697)</b>		<b>\$ 769,179,988</b>
<b>Total Investments (American Growth Trust) (Cost \$797,504,697) - 100.0%</b>		<b>\$ 769,179,988</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(86,730)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 769,093,258</b>

## American Growth-Income Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American Growth-Income Fund - Class 1	16,991,396	\$ 829,010,196
<b>TOTAL INVESTMENT COMPANIES (Cost \$800,831,054)</b>		<b>\$ 829,010,196</b>
<b>Total Investments (American Growth-Income Trust) (Cost \$800,831,054) - 100.0%</b>		<b>\$ 829,010,196</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(78,570)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 828,931,626</b>

## American International Trust

	Shares or Principal Amount	Value
<b>INVESTMENT COMPANIES - 100.0%</b>		
<b>American Funds Insurance Series - 100.0%</b>		
American International Fund - Class 1	23,059,550	\$ 349,813,375
<b>TOTAL INVESTMENT COMPANIES (Cost \$434,885,320)</b>		<b>\$ 349,813,375</b>
<b>Total Investments (American International Trust) (Cost \$434,885,320) - 100.0%</b>		<b>\$ 349,813,375</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(50,171)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 349,763,204</b>

## Blue Chip Growth Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 99.1%</b>		
<b>Communication services – 17.7%</b>		
<b>Entertainment – 1.6%</b>		
Netflix, Inc. (A)	34,849	\$ 6,094,045
Sea, Ltd., ADR (A)	184,455	12,332,661
Spotify Technology SA (A)	29,884	2,804,016
The Walt Disney Company (A)	52,362	4,942,973
		26,173,695
<b>Interactive media and services – 15.8%</b>		
Alphabet, Inc., Class A (A)	7,907	17,231,409
Alphabet, Inc., Class C (A)	75,766	165,734,337
Meta Platforms, Inc., Class A (A)	313,711	50,585,899
Pinterest, Inc., Class A (A)	151,374	2,748,952
Snap, Inc., Class A (A)	622,383	8,171,889
Tencent Holdings, Ltd.	163,600	7,405,375
		251,877,861
<b>Wireless telecommunication services – 0.3%</b>		
T-Mobile US, Inc. (A)	39,972	5,377,833
		283,429,389

## Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Consumer discretionary – 19.0%</b>		
<b>Automobiles – 4.2%</b>		
Tesla, Inc. (A)	99,523	\$ 67,020,779
<b>Hotels, restaurants and leisure – 1.4%</b>		
Booking Holdings, Inc. (A)	4,944	8,647,007
Chipotle Mexican Grill, Inc. (A)	10,026	13,106,589
		21,753,596
<b>Internet and direct marketing retail – 10.0%</b>		
Amazon.com, Inc. (A)	1,440,773	153,024,500
DoorDash, Inc., Class A (A)	121,537	7,799,029
		160,823,529
<b>Multiline retail – 1.0%</b>		
Dollar General Corp.	67,497	16,566,464
<b>Specialty retail – 1.1%</b>		
Carvana Company (A)(B)	138,063	3,117,463
Ross Stores, Inc.	152,229	10,691,043
The TJX Companies, Inc.	55,272	3,086,941
		16,895,447
<b>Textiles, apparel and luxury goods – 1.3%</b>		
Lululemon Athletica, Inc. (A)	34,975	9,534,535
NIKE, Inc., Class B	115,414	11,795,311
		21,329,846
		304,389,661
<b>Financials – 3.3%</b>		
<b>Capital markets – 2.4%</b>		
MSCI, Inc.	5,607	2,310,925
S&P Global, Inc.	30,498	10,279,656
The Charles Schwab Corp.	149,319	9,433,974
The Goldman Sachs Group, Inc.	59,096	17,552,694
		39,577,249
<b>Insurance – 0.9%</b>		
Chubb, Ltd.	34,075	6,698,464
Marsh & McLennan Companies, Inc.	46,915	7,283,554
		13,982,018
		53,559,267
<b>Health care – 13.3%</b>		
<b>Health care equipment and supplies – 2.6%</b>		
Align Technology, Inc. (A)	9,062	2,144,704
Intuitive Surgical, Inc. (A)	111,247	22,328,385
Stryker Corp.	62,379	12,409,054
Teleflex, Inc.	16,336	4,016,206
		40,898,349
<b>Health care providers and services – 5.3%</b>		
Humana, Inc.	29,410	13,765,939
UnitedHealth Group, Inc.	137,050	70,392,992
		84,158,931
<b>Health care technology – 0.3%</b>		
Veeva Systems, Inc., Class A (A)	25,935	5,136,167
<b>Life sciences tools and services – 2.1%</b>		
Danaher Corp.	86,037	21,812,100
Thermo Fisher Scientific, Inc.	22,815	12,394,933
		34,207,033
<b>Pharmaceuticals – 3.0%</b>		
AstraZeneca PLC, ADR	89,788	5,932,293
Eli Lilly & Company	97,592	31,642,254
Zoetis, Inc.	64,392	11,068,341
		48,642,888
		213,043,368

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Industrials – 0.6%</b>		
<b>Commercial services and supplies – 0.1%</b>		
Cintas Corp.	6,799	\$ 2,539,630
<b>Industrial conglomerates – 0.3%</b>		
General Electric Company	69,414	4,419,589
<b>Professional services – 0.2%</b>		
TransUnion	34,374	2,749,576
		9,708,795
<b>Information technology – 44.2%</b>		
<b>Electronic equipment, instruments and components – 0.2%</b>		
TE Connectivity, Ltd.	27,158	3,072,928
<b>IT services – 7.5%</b>		
Adyen NV (A)(C)	1,502	2,167,584
Affirm Holdings, Inc. (A)(B)	72,527	1,309,838
Block, Inc. (A)	81,951	5,036,708
Mastercard, Inc., Class A	122,769	38,731,164
MongoDB, Inc. (A)	31,699	8,225,891
PayPal Holdings, Inc. (A)	53,218	3,716,745
Shopify, Inc., Class A (A)	182,610	5,704,736
Snowflake, Inc., Class A (A)	21,864	3,040,408
Visa, Inc., Class A	262,080	51,600,931
		119,534,005
<b>Semiconductors and semiconductor equipment – 6.0%</b>		
Advanced Micro Devices, Inc. (A)	211,831	16,198,717
ASML Holding NV, NYRS	25,723	12,241,061
Marvell Technology, Inc.	136,640	5,947,939
Monolithic Power Systems, Inc.	17,351	6,663,478
NVIDIA Corp.	269,754	40,892,009
Taiwan Semiconductor Manufacturing Company, Ltd., ADR	64,983	5,312,360
Texas Instruments, Inc.	55,503	8,528,036
		95,783,600
<b>Software – 21.4%</b>		
Atlassian Corp. PLC, Class A (A)	45,101	8,451,927
Bill.com Holdings, Inc. (A)	59,366	6,526,698
Confluent, Inc., Class A (A)	65,400	1,519,896
CrowdStrike Holdings, Inc., Class A (A)	11,473	1,933,889
Datadog, Inc., Class A (A)	34,525	3,288,161
Fortinet, Inc. (A)	208,830	11,815,601
HashiCorp, Inc., Class A (A)(B)	18,641	548,791
Intuit, Inc.	71,727	27,646,455
Microsoft Corp.	810,047	208,044,371
Paycom Software, Inc. (A)	4,829	1,352,699
Roper Technologies, Inc.	23,065	9,102,602
ServiceNow, Inc. (A)	86,126	40,954,636
Synopsys, Inc. (A)	68,300	20,742,710
		341,928,436
<b>Technology hardware, storage and peripherals – 9.1%</b>		
Apple, Inc.	1,073,039	146,705,892
		707,024,861
<b>Materials – 0.9%</b>		
<b>Chemicals – 0.9%</b>		
Linde PLC	26,459	7,607,756
The Sherwin-Williams Company	27,380	6,130,656
		13,738,412
<b>Real estate – 0.1%</b>		
<b>Real estate management and development – 0.1%</b>		
Opendoor Technologies, Inc. (A)(B)	333,700	1,571,727
<b>TOTAL COMMON STOCKS (Cost \$1,381,044,034)</b>		<b>\$ 1,586,465,480</b>

## Blue Chip Growth Trust (continued)

	Shares or Principal Amount	Value
<b>CORPORATE BONDS - 0.2%</b>		
<b>Consumer discretionary - 0.2%</b>		
Carvana Company		
10.250%, 05/01/2030 (C)	\$ 3,865,000	\$ 3,169,300
<b>TOTAL CORPORATE BONDS (Cost \$3,865,000)</b>		<b>\$ 3,169,300</b>
<b>SHORT-TERM INVESTMENTS – 0.9%</b>		
<b>Short-term funds – 0.9%</b>		
John Hancock Collateral Trust,		
1.4215% (D)(E)	374,556	3,744,212
State Street Institutional U.S. Government		
Money Market Fund, Premier Class,		
0.7415% (D)	505,313	505,313
T. Rowe Price Government Reserve Fund,		
0.6654% (D)	10,059,387	10,059,387
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$14,308,691)</b>		<b>\$ 14,308,912</b>
<b>Total Investments (Blue Chip Growth Trust)</b>		<b>\$ 1,603,943,692</b>
<b>(Cost \$1,399,217,725) – 100.2%</b>		<b>(3,999,425)</b>
<b>Other assets and liabilities, net – (0.2%)</b>		<b>\$ 1,599,944,267</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(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.
(D)	The rate shown is the annualized seven-day yield as of 6-30-22.
(E)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## Capital Appreciation Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.0%</b>		
<b>Communication services – 9.3%</b>		
<b>Entertainment – 0.4%</b>		
ROBLOX Corp., Class A (A)	56,731	\$ 1,864,181
<b>Interactive media and services – 8.9%</b>		
Alphabet, Inc., Class A (A)	7,223	15,740,795
Alphabet, Inc., Class C (A)	7,042	15,404,023
Meta Platforms, Inc., Class A (A)	28,585	4,609,331
Snap, Inc., Class A (A)	136,214	1,788,490
ZoomInfo Technologies, Inc. (A)	58,440	1,942,546
		39,485,185
		41,349,366
<b>Consumer discretionary – 27.5%</b>		
<b>Automobiles – 7.2%</b>		
Tesla, Inc. (A)	47,122	31,732,899
<b>Hotels, restaurants and leisure – 3.4%</b>		
Airbnb, Inc., Class A (A)	64,685	5,762,140
Chipotle Mexican Grill, Inc. (A)	3,514	4,593,712
Marriott International, Inc., Class A	33,255	4,523,013
		14,878,865
<b>Internet and direct marketing retail – 6.9%</b>		
Amazon.com, Inc. (A)	247,920	26,331,583



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Internet and direct marketing retail (continued)</b>		
MercadoLibre, Inc. (A)	6,820	\$ 4,343,453
		30,675,036
<b>Multiline retail – 0.7%</b>		
Target Corp.	22,302	3,149,711
<b>Specialty retail – 3.9%</b>		
O'Reilly Automotive, Inc. (A)	6,460	4,081,170
The Home Depot, Inc.	25,019	6,861,961
The TJX Companies, Inc.	112,491	6,282,622
		17,225,753
<b>Textiles, apparel and luxury goods – 5.4%</b>		
Lululemon Athletica, Inc. (A)	20,580	5,610,314
LVMH Moet Hennessy Louis Vuitton SE	17,915	10,979,702
NIKE, Inc., Class B	73,689	7,531,016
		24,121,032
		121,783,296
<b>Consumer staples – 4.2%</b>		
<b>Food and staples retailing – 1.8%</b>		
Costco Wholesale Corp.	17,108	8,199,522
<b>Personal products – 2.4%</b>		
The Estee Lauder Companies, Inc., Class A	41,095	10,465,664
		18,665,186
<b>Energy – 1.6%</b>		
<b>Energy equipment and services – 1.6%</b>		
Schlumberger NV	196,905	7,041,323
<b>Financials – 3.5%</b>		
<b>Capital markets – 3.5%</b>		
KKR & Company, Inc.	86,693	4,013,019
S&P Global, Inc.	17,249	5,813,948
The Goldman Sachs Group, Inc.	18,411	5,468,435
		15,295,402
<b>Health care – 12.1%</b>		
<b>Biotechnology – 0.6%</b>		
Vertex Pharmaceuticals, Inc. (A)	9,211	2,595,568
<b>Health care equipment and supplies – 2.5%</b>		
Abbott Laboratories	52,722	5,728,245
DexCom, Inc. (A)	33,316	2,483,041
Intuitive Surgical, Inc. (A)	13,157	2,640,741
		10,852,027
<b>Health care providers and services – 2.2%</b>		
UnitedHealth Group, Inc.	19,325	9,925,900
<b>Life sciences tools and services – 2.1%</b>		
Danaher Corp.	37,376	9,475,564
<b>Pharmaceuticals – 4.7%</b>		
Eli Lilly & Company	45,789	14,846,167
Novo Nordisk A/S, ADR	52,309	5,828,792
		20,674,959
		53,524,018
<b>Industrials – 1.1%</b>		
<b>Road and rail – 1.1%</b>		
Uber Technologies, Inc. (A)	248,799	5,090,428
<b>Information technology – 36.0%</b>		
<b>IT services – 8.9%</b>		
Adyen NV (A)(B)	5,072	7,319,565
Mastercard, Inc., Class A	39,288	12,394,578
Snowflake, Inc., Class A (A)	32,953	4,582,444

## Capital Appreciation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services (continued)</b>		
Visa, Inc., Class A	77,006	\$ 15,161,711
		39,458,298
<b>Semiconductors and semiconductor equipment – 5.3%</b>		
ASML Holding NV, NYRS	5,457	2,596,877
Broadcom, Inc.	17,223	8,367,106
NVIDIA Corp.	82,258	12,469,490
		23,433,473
<b>Software – 14.7%</b>		
Adobe, Inc. (A)	22,383	8,193,521
Atlassian Corp. PLC, Class A (A)	29,321	5,494,755
Crowdstrike Holdings, Inc., Class A (A)	43,627	7,353,767
HubSpot, Inc. (A)	6,313	1,898,003
Microsoft Corp.	105,064	26,983,587
salesforce.com, Inc. (A)	75,482	12,457,549
The Trade Desk, Inc., Class A (A)	63,013	2,639,615
		65,020,797
<b>Technology hardware, storage and peripherals – 7.1%</b>		
Apple, Inc.	227,158	31,057,042
		158,969,610
<b>Real estate – 1.7%</b>		
<b>Equity real estate investment trusts – 1.7%</b>		
American Tower Corp.	28,690	7,332,877
<b>TOTAL COMMON STOCKS (Cost \$426,518,652)</b>		<b>\$ 429,051,506</b>
<b>SHORT-TERM INVESTMENTS – 3.1%</b>		
<b>Short-term funds – 3.1%</b>		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (C)	13,487,419	13,487,419
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$13,487,419)</b>		<b>\$ 13,487,419</b>
<b>Total Investments (Capital Appreciation Trust) (Cost \$440,006,071) – 100.1%</b>		<b>\$ 442,538,925</b>
<b>Other assets and liabilities, net – (0.1%)</b>		<b>(361,908)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 442,177,017</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
NYRS	New York Registry Shares
(A)	Non-income producing security.
(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.
(C)	The rate shown is the annualized seven-day yield as of 6-30-22.

## Capital Appreciation Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 67.2%</b>		
<b>Communication services – 3.4%</b>		
<b>Interactive media and services – 3.4%</b>		
Alphabet, Inc., Class A (A)(B)	2,332	\$ 5,082,034
Alphabet, Inc., Class C (B)	3,174	6,942,966
Meta Platforms, Inc., Class A (B)	12,931	2,085,124
		14,110,124
<b>Consumer discretionary – 7.3%</b>		
<b>Hotels, restaurants and leisure – 3.9%</b>		
Starbucks Corp. (A)	35,600	2,719,484

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Yum! Brands, Inc. (A)	119,303	\$ 13,542,084
		16,261,568
<b>Internet and direct marketing retail – 3.4%</b>		
Amazon.com, Inc. (A)(B)	133,711	14,201,445
		30,463,013
<b>Consumer staples – 0.7%</b>		
<b>Beverages – 0.7%</b>		
Keurig Dr. Pepper, Inc.	84,975	3,007,265
<b>Energy – 0.5%</b>		
<b>Oil, gas and consumable fuels – 0.5%</b>		
EOG Resources, Inc.	7,700	850,388
Pioneer Natural Resources Company	5,950	1,327,326
		2,177,714
<b>Financials – 7.6%</b>		
<b>Banks – 2.6%</b>		
The PNC Financial Services Group, Inc.	69,519	10,968,013
<b>Capital markets – 3.7%</b>		
Intercontinental Exchange, Inc.	67,572	6,354,471
MSCI, Inc.	9,876	4,070,393
S&P Global, Inc.	14,572	4,911,638
		15,336,502
<b>Insurance – 1.3%</b>		
Marsh & McLennan Companies, Inc.	36,025	5,592,881
		31,897,396
<b>Health care – 15.2%</b>		
<b>Health care equipment and supplies – 3.7%</b>		
Alcon, Inc.	49,367	3,461,690
Baxter International, Inc.	1,136	72,965
Becton, Dickinson and Company (A)	33,902	8,357,860
Embeceta Corp. (A)(B)	540	13,673
Hologic, Inc. (B)	6,000	415,800
Teleflex, Inc.	10,953	2,692,795
The Cooper Companies, Inc.	1,058	331,281
		15,346,064
<b>Health care providers and services – 2.4%</b>		
Humana, Inc.	3,830	1,792,708
UnitedHealth Group, Inc.	15,854	8,143,090
		9,935,798
<b>Life sciences tools and services – 8.5%</b>		
Avantor, Inc. (B)	67,887	2,111,286
Danaher Corp.	44,781	11,352,879
PerkinElmer, Inc.	68,259	9,707,795
Thermo Fisher Scientific, Inc.	22,489	12,217,824
		35,389,784
<b>Pharmaceuticals – 0.6%</b>		
Catalent, Inc. (B)	25,113	2,694,374
		63,366,020
<b>Industrials – 9.7%</b>		
<b>Commercial services and supplies – 1.5%</b>		
Aurora Innovation, Inc. (B)(C)	236,417	451,556
Waste Connections, Inc.	48,731	6,040,695
		6,492,251
<b>Industrial conglomerates – 3.1%</b>		
General Electric Company (A)	201,202	12,810,531
<b>Machinery – 3.7%</b>		
Fortive Corp.	167,969	9,134,154

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Ingersoll Rand, Inc.	147,458	\$ 6,205,033
		15,339,187
<b>Professional services – 1.4%</b>		
Equifax, Inc.	2,585	472,486
TransUnion	70,232	5,617,858
		6,090,344
		40,732,313
<b>Information technology – 21.1%</b>		
<b>Electronic equipment, instruments and components – 3.0%</b>		
TE Connectivity, Ltd.	87,103	9,855,704
Teledyne Technologies, Inc. (B)	6,999	2,625,395
		12,481,099
<b>IT services – 1.2%</b>		
Mastercard, Inc., Class A	6,400	2,019,072
Visa, Inc., Class A	16,400	3,228,996
		5,248,068
<b>Semiconductors and semiconductor equipment – 4.3%</b>		
NVIDIA Corp.	27,700	4,199,043
NXP Semiconductors NV	41,831	6,192,243
Texas Instruments, Inc.	48,182	7,403,164
		17,794,450
<b>Software – 9.7%</b>		
Microsoft Corp. (A)	113,696	29,200,537
Roper Technologies, Inc.	14,615	5,767,810
salesforce.com, Inc. (B)	32,880	5,426,515
		40,394,862
<b>Technology hardware, storage and peripherals – 2.9%</b>		
Apple, Inc.	89,700	12,263,784
		88,182,263
<b>Materials – 0.3%</b>		
<b>Chemicals – 0.3%</b>		
Linde PLC	3,856	1,108,716
<b>Utilities – 1.4%</b>		
<b>Multi-utilities – 1.4%</b>		
Ameren Corp.	37,791	3,414,795
CMS Energy Corp.	28,855	1,947,713
Public Service Enterprise Group, Inc. (A)	7,200	455,616
		5,818,124
<b>TOTAL COMMON STOCKS (Cost \$292,198,170)</b>		<b>\$ 280,862,948</b>
<b>PREFERRED SECURITIES – 0.6%</b>		
<b>Financials – 0.0%</b>		
<b>Capital markets – 0.0%</b>		
The Charles Schwab Corp., 5.950%	1,000	24,950
<b>Utilities – 0.6%</b>		
<b>Electric utilities – 0.1%</b>		
SCE Trust IV (5.375% to 9-15-25, then 3 month LIBOR + 3.132%)	21,452	431,185
<b>Multi-utilities – 0.5%</b>		
CMS Energy Corp., 5.875%	31,780	741,110
CMS Energy Corp., 5.875%	35,873	854,495
NiSource, Inc. (6.500% to 3-15-24, then 5 Year CMT + 3.632%) (C)	6,586	171,895
		1,767,500
		2,198,685
<b>TOTAL PREFERRED SECURITIES (Cost \$2,417,275)</b>		<b>\$ 2,223,635</b>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>U.S. GOVERNMENT AND AGENCY OBLIGATIONS – 8.1%</b>		
<b>U.S. Government – 8.1%</b>		
U.S. Treasury Notes		
1.500%, 01/31/2027	\$ 10,933,900	\$ 10,208,675
1.875%, 02/28/2027	15,991,500	15,179,432
2.500%, 03/31/2027	8,616,300	8,406,614
		33,794,721
<b>TOTAL U.S. GOVERNMENT AND AGENCY OBLIGATIONS</b> (Cost \$34,922,754)		\$ 33,794,721
<b>CORPORATE BONDS - 6.6%</b>		
<b>Communication services - 1.7%</b>		
Altice France Holding SA		
10.500%, 05/15/2027 (D)	450,000	377,613
CCO Holdings LLC		
5.000%, 02/01/2028 (D)	2,595,000	2,394,407
5.125%, 05/01/2027 (D)	2,681,000	2,530,194
5.500%, 05/01/2026 (D)	125,000	121,964
Live Nation Entertainment, Inc.		
4.875%, 11/01/2024 (D)	35,000	33,425
Photo Holdings Merger Sub, Inc.		
8.500%, 10/01/2026 (D)	411,000	310,289
Sirius XM Radio, Inc.		
5.000%, 08/01/2027 (D)	655,000	607,526
T-Mobile USA, Inc.		
2.625%, 02/15/2029	15,000	12,627
2.875%, 02/15/2031	60,000	49,814
3.375%, 04/15/2029	165,000	144,375
3.500%, 04/15/2031	700,000	604,401
4.750%, 02/01/2028	25,000	24,230
		7,210,865
<b>Consumer discretionary - 2.1%</b>		
Cedar Fair LP		
5.250%, 07/15/2029	384,000	338,641
5.375%, 04/15/2027	676,000	640,632
5.500%, 05/01/2025 (D)	410,000	397,700
6.500%, 10/01/2028	345,000	327,450
Clarios Global LP		
6.250%, 05/15/2026 (D)	222,000	213,675
6.750%, 05/15/2025 (D)	147,000	145,596
8.500%, 05/15/2027 (D)	650,000	628,209
Hilton Domestic Operating Company, Inc.		
5.375%, 05/01/2025 (D)	30,000	29,400
KFC Holding Company/Pizza Hut Holdings LLC/Taco Bell of America LLC		
4.750%, 06/01/2027 (D)	1,429,000	1,374,269
Life Time, Inc.		
5.750%, 01/15/2026 (D)	365,000	327,212
Marriott International, Inc.		
3.125%, 06/15/2026	570,000	543,855
Six Flags Entertainment Corp.		
4.875%, 07/31/2024 (D)	1,405,000	1,334,005
5.500%, 04/15/2027 (D)	711,000	645,247
Six Flags Theme Parks, Inc.		
7.000%, 07/01/2025 (D)	494,000	500,091
Yum! Brands, Inc.		
3.875%, 11/01/2023	219,000	217,732
4.750%, 01/15/2030 (D)	2,000	1,815
5.350%, 11/01/2043	579,000	479,850
5.375%, 04/01/2032	264,000	243,566
6.875%, 11/15/2037	367,000	372,505
		8,761,450

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>CORPORATE BONDS (continued)</b>		
<b>Financials - 1.1%</b>		
Acrisure LLC		
7.000%, 11/15/2025 (D)	\$ 775,000	\$ 697,060
Alliant Holdings Intermediate LLC		
4.250%, 10/15/2027 (D)	75,000	64,918
5.875%, 11/01/2029 (D)	75,000	62,236
6.750%, 10/15/2027 (D)	125,000	110,923
AmWINS Group, Inc.		
4.875%, 06/30/2029 (D)	135,000	110,555
HUB International, Ltd.		
5.625%, 12/01/2029 (D)	165,000	136,299
7.000%, 05/01/2026 (D)	1,780,000	1,673,912
MSCI, Inc.		
3.250%, 08/15/2033 (D)	15,000	11,956
3.625%, 09/01/2030 to 11/01/2031 (D)	725,000	604,101
3.875%, 02/15/2031 (D)	10,000	8,550
4.000%, 11/15/2029 (D)	95,000	84,201
State Street Corp. (3 month LIBOR + 3.597%)		
5.426%, 09/15/2022 (E)(F)	145,000	141,323
USI, Inc.		
6.875%, 05/01/2025 (D)	799,000	771,035
		4,477,069
<b>Health care - 0.3%</b>		
Avantor Funding, Inc.		
4.625%, 07/15/2028 (D)	225,000	206,258
Hadrian Merger Sub, Inc.		
8.500%, 05/01/2026 (D)	372,000	351,540
Surgery Center Holdings, Inc.		
10.000%, 04/15/2027 (C)(D)	410,000	397,144
Teleflex, Inc.		
4.625%, 11/15/2027	285,000	262,913
		1,217,855
<b>Industrials - 1.2%</b>		
Booz Allen Hamilton, Inc.		
3.875%, 09/01/2028 (D)	90,000	79,650
Delta Air Lines, Inc.		
4.500%, 10/20/2025 (D)	700,000	680,164
4.750%, 10/20/2028 (D)	390,000	368,385
General Electric Company (3 month LIBOR + 3.330%)		
5.159%, 09/15/2022 (E)(F)	1,840,000	1,612,208
Howmet Aerospace, Inc.		
3.000%, 01/15/2029	671,000	555,749
Korn Ferry		
4.625%, 12/15/2027 (D)	90,000	80,775
Lennox International, Inc.		
3.000%, 11/15/2023	515,000	509,515
Mileage Plus Holdings LLC		
6.500%, 06/20/2027 (D)	280,000	275,184
Sensata Technologies BV		
5.000%, 10/01/2025 (D)	325,000	312,000
5.625%, 11/01/2024 (D)	90,000	88,844
United Airlines 2012-1 Class A Pass Through Trust		
4.150%, 04/11/2024	139,258	136,101
US Airways 2010-1 Class A Pass Through Trust		
6.250%, 04/22/2023	73,911	73,550
US Airways 2012-2 Class A Pass Through Trust		
4.625%, 06/03/2025	11,272	10,329

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>CORPORATE BONDS (continued)</b>		
<b>Industrials (continued)</b>		
US Airways 2013-1 Class A Pass Through Trust 3.950%, 11/15/2025	\$ 119,064	\$ 105,490
		4,887,944
<b>Information technology - 0.0%</b>		
Clarivate Science Holdings Corp. 3.875%, 07/01/2028 (D)	190,000	158,747
4.875%, 07/01/2029 (D)	80,000	65,680
		224,427
<b>Real estate - 0.0%</b>		
SBA Communications Corp. 3.875%, 02/15/2027	195,000	177,994
<b>Utilities - 0.2%</b>		
NiSource, Inc. (5.650% to 6-15-23, then 5 Year CMT + 2.843%) 06/15/2023 (E)	975,000	877,470
<b>TOTAL CORPORATE BONDS (Cost \$29,821,231)</b>		<b>\$ 27,835,074</b>
<b>CONVERTIBLE BONDS - 0.2%</b>		
<b>Communication services - 0.1%</b>		
Snap, Inc. 7.778%, 05/01/2027 (G)	365,000	252,763
Spotify USA, Inc. 6.504%, 03/15/2026 (G)	410,000	323,490
		576,253
<b>Information technology - 0.1%</b>		
Shopify, Inc. 0.125%, 11/01/2025	243,000	202,298
<b>TOTAL CONVERTIBLE BONDS (Cost \$910,118)</b>		<b>\$ 778,551</b>
<b>TERM LOANS (H) – 12.3%</b>		
<b>Communication services – 0.3%</b>		
Delta 2 Lux Sarl, 2018 USD Term Loan (1 month LIBOR + 2.500%) 4.166%, 02/01/2024	895,000	870,835
Eagle Broadband Investments LLC, Term Loan (3 month LIBOR + 3.000%) 5.313%, 11/12/2027	187,606	176,349
		1,047,184
<b>Consumer discretionary – 0.5%</b>		
Cedar Fair LP, 2017 Term Loan B (1 month LIBOR + 1.750%) 3.383%, 04/13/2024	36,944	36,005
Four Seasons Hotels, Ltd., New 1st Lien Term Loan (1 month LIBOR + 2.000%) 3.666%, 11/30/2023	283,167	279,628
IRB Holding Corp., 2020 Term Loan B (6 month LIBOR + 2.750%) 4.416%, 02/05/2025	321,385	304,111
IRB Holding Corp., 2022 Term Loan B (1 month SOFR + 3.150%) 4.238%, 12/15/2027	527,345	493,949
Life Time, Inc., 2021 Term Loan B (3 month LIBOR + 4.750%) 6.325%, 12/16/2024	151,739	149,463
SeaWorld Parks & Entertainment, Inc., 2021 Term Loan B (1 month LIBOR + 3.000%) 4.688%, 08/25/2028	504,207	472,568
Woof Holdings, Inc., 1st Lien Term Loan (3 month LIBOR + 3.750%) 5.813%, 12/21/2027	197,500	184,169
		1,919,893

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>TERM LOANS (H)(continued)</b>		
<b>Consumer staples – 0.3%</b>		
Sunshine Luxembourg VII Sarl, 2021 Term Loan B3 (3 month LIBOR + 3.750%) 6.000%, 10/01/2026	\$ 1,280,235	1,181,926
<b>Financials – 4.3%</b>		
Acrisure LLC, 2021 Incremental Term Loan B (1 month LIBOR + 3.750%) 5.416%, 02/15/2027	248,125	231,687
Alliant Holdings Intermediate LLC, 2018 Term Loan B (1 month LIBOR + 3.250%) 4.916%, 05/09/2025	898,261	843,727
Alliant Holdings Intermediate LLC, 2021 Term Loan B4 (1 month LIBOR + 3.500%) 5.009%, 11/06/2027	1,374,613	1,275,297
Alliant Holdings Intermediate LLC, Term Loan B (1 month LIBOR + 3.250%) 4.916%, 05/09/2025	403,878	381,087
Howden Group Holdings, Ltd., 2021 Term Loan B (1 month LIBOR + 3.250%) 4.938%, 11/12/2027	1,440,646	1,356,815
HUB International, Ltd., 2018 Term Loan B (3 month LIBOR + 3.000%) 4.214%, 04/25/2025	7,093,481	6,702,630
HUB International, Ltd., 2021 Term Loan B (3 month LIBOR + 3.250%) 4.348%, 04/25/2025	4,552,537	4,308,885
Ryan Specialty Group LLC, Term Loan (1 month SOFR + 3.000%) 4.625%, 09/01/2027	265,423	254,806
USI, Inc., 2017 Repriced Term Loan (3 month LIBOR + 3.000%) 5.250%, 05/16/2024	1,951,134	1,867,001
USI, Inc., 2019 Incremental Term Loan B (3 month LIBOR + 3.250%) 5.500%, 12/02/2026	817,612	754,247
		17,976,182
<b>Health care – 1.9%</b>		
ADMI Corp., 2021 Incremental Term Loan B3 (1 month LIBOR + 3.500%) 5.166%, 12/23/2027	1,057,013	966,289
ADMI Corp., 2021 Term Loan B2 (1 month LIBOR + 3.375%) 5.041%, 12/23/2027	582,625	529,670
Eyecare Partners LLC, 2020 Term Loan (3 month LIBOR + 3.750%) 6.000%, 02/18/2027	74,433	68,665
Eyecare Partners LLC, 2021 Incremental Term Loan (3 month LIBOR + 3.750%) 6.000%, 11/15/2028	24,938	22,922
Heartland Dental LLC, 2018 1st Lien Term Loan (1 month LIBOR + 3.500%) 5.166%, 04/30/2025	1,604,471	1,486,141
Heartland Dental LLC, 2021 Incremental Term Loan (1 month LIBOR + 4.000%) 5.642%, 04/30/2025	148,500	138,625
Loire Finco Luxembourg Sarl, Term Loan (1 month LIBOR + 3.250%) 4.916%, 04/21/2027	1,141,903	1,072,441
Medline Borrower LP, USD Term Loan B (1 month LIBOR + 3.250%) 4.916%, 10/23/2028	2,783,025	2,576,469
Pacific Dental Services, Inc., 2021 Term Loan (1 month LIBOR + 3.250%) 4.759%, 05/05/2028	143,550	136,014

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>TERM LOANS (H)(continued)</b>		
<b>Health care (continued)</b>		
Pathway Vet Alliance LLC, 2021 Term Loan (3 month LIBOR + 3.750%) 6.000%, 03/31/2027	\$ 124,055	114,906
PetVet Care Centers LLC, 2018 1st Lien Term Loan (1 month LIBOR + 2.750%) 4.416%, 02/14/2025	83,261	77,381
PetVet Care Centers LLC, 2018 2nd Lien Term Loan (1 month LIBOR + 6.250%) 7.916%, 02/13/2026	25,000	24,328
PetVet Care Centers LLC, 2018 Incremental Term Loan (1 month LIBOR + 3.250%) 4.916%, 02/14/2025	197,059	184,414
PetVet Care Centers LLC, 2021 Term Loan B3 (1 month LIBOR + 3.500%) 5.166%, 02/14/2025	760,360	715,369
		8,113,634
<b>Industrials – 2.1%</b>		
Camelot US Acquisition LLC, 2020 Incremental Term Loan B (1 month LIBOR + 3.000%) 4.666%, 10/30/2026	874,567	822,819
CoreLogic, Inc., Term Loan (1 month LIBOR + 3.500%) 5.188%, 06/02/2028	1,052,050	872,149
Filtration Group Corp., 2018 1st Lien Term Loan (1 month LIBOR + 3.000%) 4.666%, 03/29/2025	275,320	260,227
Filtration Group Corp., 2018 EUR Term Loan (3 month EURIBOR + 3.500%) 3.500%, 03/29/2025	EUR 512,723	488,950
Filtration Group Corp., 2021 Incremental Term Loan (1 month LIBOR + 3.500%) 5.166%, 10/21/2028	\$ 203,463	189,729
Mileage Plus Holdings LLC, 2020 Term Loan B (3 month LIBOR + 5.250%) 7.313%, 06/21/2027	4,165,000	4,106,690
SkyMiles IP, Ltd., 2020 Skymiles Term Loan B (3 month LIBOR + 3.750%) 4.813%, 10/20/2027	1,765,000	1,752,310
TK Elevator US Newco, Inc., Term Loan B (6 month LIBOR + 3.500%) 4.019%, 07/30/2027	265,310	247,901
Welbilt, Inc., 2018 Term Loan B (1 month LIBOR + 2.500%) 4.166%, 10/23/2025	200,000	196,584
		8,937,359
<b>Information technology – 2.7%</b>		
Applied Systems, Inc., 2017 1st Lien Term Loan (3 month LIBOR + 3.000%) 5.251%, 09/19/2024	919,929	880,832
Applied Systems, Inc., 2021 2nd Lien Term Loan (3 month LIBOR + 5.500%) 7.750%, 09/19/2025	164,028	157,518
Ascend Learning LLC, 2021 2nd Lien Term Loan (1 month LIBOR + 5.750%) 7.402%, 12/10/2029	260,000	237,900
Ascend Learning LLC, 2021 Term Loan (1 month LIBOR + 3.500%) 5.166%, 12/11/2028	1,815,875	1,672,875
Azalea TopCo, Inc., 2021 Term Loan B (3 month LIBOR + 3.750%) 4.989%, 07/24/2026	24,750	23,451
Azalea TopCo, Inc., Term Loan (3 month LIBOR + 3.500%) 4.740%, 07/24/2026	968,368	904,456
Celestial Saturn Parent, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 8.188%, 06/04/2029	80,000	57,600

## Capital Appreciation Value Trust (continued)

	Shares or Principal Amount	Value
<b>TERM LOANS (H)(continued)</b>		
<b>Information technology (continued)</b>		
Entegris, Inc., 2022 Term Loan B TBD 03/02/2029 (I)	\$ 1,573,888	1,518,802
Project Boost Purchaser LLC, 2021 Incremental Term Loan (1 month LIBOR + 3.500%) 5.166%, 05/30/2026	173,250	160,582
RealPage, Inc., 1st Lien Term Loan (1 month LIBOR + 3.000%) 4.916%, 04/24/2028	1,414,313	1,304,109
RealPage, Inc., 2nd Lien Term Loan (1 month LIBOR + 6.500%) 8.166%, 04/23/2029	75,000	71,125
Sophia LP, 2021 Term Loan B (3 month LIBOR + 3.250%) 5.500%, 10/07/2027	297,750	277,095
UKG, Inc., 2021 2nd Lien Term Loan (3 month LIBOR + 5.250%) 6.212%, 05/03/2027	290,000	266,800
UKG, Inc., 2021 Term Loan (3 month LIBOR + 3.250%) 4.212%, 05/04/2026	3,830,539	3,579,179
UKG, Inc., Term Loan B (1 month LIBOR + 3.750%) 5.416%, 05/04/2026	160,463	151,257
		11,263,581
<b>Materials – 0.2%</b>		
HB Fuller Company, 2017 Term Loan B (1 month LIBOR + 2.000%) 3.595%, 10/20/2024	1,021,655	1,015,995
<b>TOTAL TERM LOANS (Cost \$54,620,030)</b>	\$	51,455,754
<b>ASSET BACKED SECURITIES - 0.3%</b>		
Domino's Pizza Master Issuer LLC Series 2017-1A, Class A23 4.118%, 07/25/2047 (D)	497,900	\$ 475,761
Domino's Pizza Master Issuer LLC Series 2018-1A, Class A2I 4.116%, 07/25/2048 (D)	472,850	461,011
Domino's Pizza Master Issuer LLC Series 2019-1A, Class A2 3.668%, 10/25/2049 (D)	210,163	190,220
<b>TOTAL ASSET BACKED SECURITIES (Cost \$1,176,401)</b>	\$	1,126,992
<b>SHORT-TERM INVESTMENTS – 4.9%</b>		
<b>Short-term funds – 4.3%</b>		
John Hancock Collateral Trust, 1.4215% (J)(K)	74,485	744,582
T. Rowe Price Government Reserve Fund, 0.6654% (J)	17,331,071	17,331,071
		18,075,653
<b>Repurchase agreement – 0.6%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-22 at 0.240% to be repurchased at \$2,503,017 on 7-1-22, collateralized by \$2,555,900 U.S. Treasury Notes, 3.000% due 6-30-24 (valued at \$2,553,104)	\$ 2,503,000	2,503,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$20,578,637)</b>	\$	20,578,653
<b>Total Investments (Capital Appreciation Value Trust) (Cost \$436,644,616) – 100.2%</b>	\$	418,656,328
<b>Other assets and liabilities, net – (0.2%)</b>		(685,486)
<b>TOTAL NET ASSETS – 100.0%</b>	\$	417,970,842
<b>Currency Abbreviations</b>		
EUR	Euro	
<b>Security Abbreviations and Legend</b>		
CMT	Constant Maturity Treasury	

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

EURIBOR	Euro Interbank Offered Rate
LIBOR	London Interbank Offered Rate
SOFR	Secured Overnight Financing Rate
(A)	All or a portion of this security is segregated at the custodian as collateral for certain derivatives.
(B)	Non-income producing security.
(C)	All or a portion of this security is on loan as of 6-30-22.
(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)	Perpetual bonds have no stated maturity date. Date shown as maturity date is next call date.
(F)	Variable rate obligation. The coupon rate shown represents the rate at period end.

## Capital Appreciation Value Trust (continued)

(G)	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.
(H)	Term loans are variable rate obligations. The coupon rate shown represents the rate at period end.
(I)	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).
(J)	The rate shown is the annualized seven-day yield as of 6-30-22.
(K)	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

### WRITTEN OPTIONS

#### Options on securities

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
<b>Calls</b>								
GSI	Alphabet, Inc., Class A	USD	3,200.00	Jan 2023	1	100	\$ 18,097	\$ (1,569)
GSI	Alphabet, Inc., Class A	USD	3,300.00	Jan 2023	1	100	15,497	(1,147)
GSI	Alphabet, Inc., Class A	USD	3,400.00	Jan 2023	1	100	13,047	(837)
GSI	Alphabet, Inc., Class A	USD	3,500.00	Jan 2023	1	100	11,097	(609)
GSI	Amazon.com, Inc.	USD	175.00	Jan 2023	80	80	75,859	(63)
GSI	Amazon.com, Inc.	USD	180.00	Jan 2023	20	20	23,414	(13)
GSI	Amazon.com, Inc.	USD	185.00	Jan 2023	20	20	20,260	(11)
GSI	Amazon.com, Inc.	USD	190.00	Jan 2023	40	40	42,510	(19)
GSI	Amazon.com, Inc.	USD	190.00	Jan 2023	20	20	17,387	(9)
GSI	Amazon.com, Inc.	USD	195.00	Jan 2023	40	40	36,018	(16)
GSI	Amazon.com, Inc.	USD	200.00	Jan 2023	20	20	34,022	(6)
GSI	Amazon.com, Inc.	USD	200.00	Jan 2023	40	40	31,126	(13)
GSI	Amazon.com, Inc.	USD	205.00	Jan 2023	40	40	26,382	(11)
GSI	Amazon.com, Inc.	USD	210.00	Jan 2023	20	20	27,523	(4)
GSI	Amazon.com, Inc.	USD	210.00	Jan 2023	40	40	22,290	(9)
GSI	Amazon.com, Inc.	USD	220.00	Jan 2023	20	20	22,230	(3)
JPM	Apple, Inc.	USD	170.00	Jan 2023	11	1,100	8,824	(3,881)
JPM	Apple, Inc.	USD	170.00	Jan 2023	35	3,500	22,950	(12,349)
JPM	Apple, Inc.	USD	175.00	Jan 2023	11	1,100	7,202	(3,027)
JPM	Apple, Inc.	USD	175.00	Jan 2023	35	3,500	18,886	(9,631)
JPM	Apple, Inc.	USD	180.00	Jan 2023	11	1,100	5,805	(2,356)
JPM	Apple, Inc.	USD	180.00	Jan 2023	35	3,500	15,531	(7,495)
GSI	Becton, Dickinson and Company	USD	260.00	Jan 2023	9	900	22,129	(12,692)
GSI	Becton, Dickinson and Company	USD	280.00	Jan 2023	9	900	14,414	(6,848)
GSI	Becton, Dickinson and Company	USD	290.00	Jan 2023	9	900	11,857	(4,943)
WFB	General Electric Company	USD	85.00	Jan 2023	67	6,700	39,243	(10,076)
WFB	General Electric Company	USD	90.00	Jan 2023	67	6,700	28,602	(6,591)
WFB	General Electric Company	USD	95.00	Jan 2023	67	6,700	20,027	(4,363)
WFB	General Electric Company	USD	110.00	Jan 2023	3	300	2,615	(61)
WFB	General Electric Company	USD	110.00	Jan 2023	46	4,600	37,769	(930)
WFB	General Electric Company	USD	110.00	Jan 2023	39	3,900	32,468	(789)
CITI	Hologic, inc.	USD	85.00	Jan 2023	30	3,000	11,331	(4,471)
CITI	Hologic, inc.	USD	90.00	Jan 2023	30	3,000	7,085	(2,694)
CITI	Humana, Inc.	USD	520.00	Jan 2023	4	400	5,994	(8,889)
CITI	Humana, Inc.	USD	530.00	Jan 2023	4	400	5,069	(7,583)
CITI	Humana, Inc.	USD	540.00	Jan 2023	5	500	5,031	(8,027)
CITI	Keurig Dr. Pepper, Inc.	USD	40.00	Jan 2023	67	6,700	9,577	(5,408)
CITI	Keurig Dr. Pepper, Inc.	USD	42.00	Jan 2023	67	6,700	5,918	(2,812)
JPM	Meta Platforms, Inc., Class A	USD	345.00	Sep 2022	6	600	23,363	(42)
JPM	Meta Platforms, Inc., Class A	USD	360.00	Sep 2022	6	600	20,104	(30)
CSFB	Microsoft Corp.	USD	320.00	Jan 2023	42	4,200	56,070	(20,087)
SFG	Microsoft Corp.	USD	320.00	Jan 2023	11	1,100	19,554	(5,261)
SFG	Microsoft Corp.	USD	320.00	Jan 2023	10	1,000	19,093	(4,783)
CITI	Microsoft Corp.	USD	330.00	Jan 2023	8	800	11,752	(2,752)

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

### Options on securities (continued)

Counterparty (OTC)/

Exchange-traded	Name of issuer	Currency	Exercise price	Expiration date	Number of contracts	Notional amount	Premium	Value
<b>Calls (continued)</b>								
CITI	Microsoft Corp.	USD	330.00	Jan 2023	7	700	\$ 10,343	\$ (2,408)
CITI	Microsoft Corp.	USD	330.00	Jan 2023	6	600	10,666	(2,064)
CSFB	Microsoft Corp.	USD	330.00	Jan 2023	12	1,200	14,151	(4,128)
SFG	Microsoft Corp.	USD	330.00	Jan 2023	11	1,100	16,639	(3,784)
SFG	Microsoft Corp.	USD	330.00	Jan 2023	10	1,000	16,190	(3,440)
CSFB	Microsoft Corp.	USD	335.00	Jan 2023	12	1,200	12,425	(3,512)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	8	800	9,933	(2,002)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	7	700	8,727	(1,752)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	6	600	9,046	(1,502)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	15	1,500	30,384	(3,754)
CITI	Microsoft Corp.	USD	340.00	Jan 2023	7	700	14,213	(1,752)
CSFB	Microsoft Corp.	USD	340.00	Jan 2023	12	1,200	11,274	(3,003)
SFG	Microsoft Corp.	USD	340.00	Jan 2023	11	1,100	14,179	(2,753)
SFG	Microsoft Corp.	USD	340.00	Jan 2023	10	1,000	13,686	(2,503)
CSFB	Microsoft Corp.	USD	345.00	Jan 2023	12	1,200	9,763	(2,582)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	8	800	8,353	(1,487)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	7	700	7,388	(1,301)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	6	600	7,637	(1,116)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	15	1,500	25,849	(2,789)
CITI	Microsoft Corp.	USD	350.00	Jan 2023	7	700	12,179	(1,301)
CSFB	Microsoft Corp.	USD	350.00	Jan 2023	12	1,200	8,613	(2,231)
JPM	Microsoft Corp.	USD	350.00	Jan 2023	22	2,200	33,594	(4,090)
SFG	Microsoft Corp.	USD	350.00	Jan 2023	11	1,100	11,924	(2,045)
SFG	Microsoft Corp.	USD	350.00	Jan 2023	10	1,000	11,583	(1,859)
JPM	Microsoft Corp.	USD	355.00	Jan 2023	21	2,100	29,127	(3,387)
CITI	Microsoft Corp.	USD	360.00	Jan 2023	15	1,500	21,905	(2,104)
CITI	Microsoft Corp.	USD	360.00	Jan 2023	7	700	10,368	(982)
JPM	Microsoft Corp.	USD	360.00	Jan 2023	22	2,200	27,654	(3,086)
CITI	Microsoft Corp.	USD	365.00	Jan 2023	15	1,500	19,959	(1,833)
BOA	Public Service Enterprise Group, Inc.	USD	65.00	Jul 2022	24	2,400	7,398	(923)
BOA	Public Service Enterprise Group, Inc.	USD	70.00	Jul 2022	24	2,400	3,000	(2)
BOA	Public Service Enterprise Group, Inc.	USD	75.00	Jul 2022	24	2,400	796	—
GSI	Starbucks Corp.	USD	97.50	Jan 2023	25	2,500	25,599	(3,677)
GSI	Starbucks Corp.	USD	97.50	Jan 2023	25	2,500	23,425	(3,677)
GSI	Starbucks Corp.	USD	100.00	Jan 2023	25	2,500	22,796	(2,942)
GSI	Starbucks Corp.	USD	100.00	Jan 2023	25	2,500	21,175	(2,942)
GSI	Starbucks Corp.	USD	105.00	Jan 2023	25	2,500	17,662	(1,874)
GSI	Starbucks Corp.	USD	105.00	Jan 2023	25	2,500	16,675	(1,874)
JPM	The PNC Financial Services Group, Inc.	USD	190.00	Jan 2023	18	1,800	16,506	(6,164)
JPM	The PNC Financial Services Group, Inc.	USD	195.00	Jan 2023	18	1,800	13,716	(4,725)
JPM	The PNC Financial Services Group, Inc.	USD	200.00	Jan 2023	18	1,800	11,286	(3,590)
CITI	The PNC Financial Services Group, Inc.	USD	220.00	Jan 2023	12	1,200	15,986	(756)
CITI	The PNC Financial Services Group, Inc.	USD	220.00	Jan 2023	8	800	10,400	(504)
CITI	The PNC Financial Services Group, Inc.	USD	220.00	Jan 2023	2	200	2,581	(126)
CITI	The PNC Financial Services Group, Inc.	USD	220.00	Jan 2023	7	700	9,078	(441)
CITI	The PNC Financial Services Group, Inc.	USD	230.00	Jan 2023	12	1,200	12,656	(415)
CITI	The PNC Financial Services Group, Inc.	USD	230.00	Jan 2023	8	800	8,226	(277)
CITI	The PNC Financial Services Group, Inc.	USD	230.00	Jan 2023	2	200	2,040	(69)
CITI	The PNC Financial Services Group, Inc.	USD	230.00	Jan 2023	7	700	7,146	(242)
CITI	Thermo Fisher Scientific, Inc.	USD	640.00	Jan 2023	8	800	21,452	(12,834)
CITI	UnitedHealth Group, Inc.	USD	540.00	Jan 2023	16	1,600	43,274	(53,120)
CITI	UnitedHealth Group, Inc.	USD	560.00	Jan 2023	9	900	23,682	(22,581)
CITI	UnitedHealth Group, Inc.	USD	580.00	Jan 2023	9	900	17,859	(16,584)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2023	6	600	1,962	(517)
WFB	Yum! Brands, Inc.	USD	145.00	Jan 2023	13	1,300	3,781	(1,119)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2023	6	600	1,146	(317)
WFB	Yum! Brands, Inc.	USD	150.00	Jan 2023	13	1,300	2,745	(686)
							<b>\$1,726,822</b>	<b>\$(376,738)</b>

Derivatives Currency Abbreviations

USD U.S. Dollar

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Capital Appreciation Value Trust (continued)

### Derivatives Abbreviations

BOA	Bank of America, N.A.
CITI	Citibank, N.A.
CSFB	Credit Suisse First Boston International
GSI	Goldman Sachs International
JPM	JPMorgan Chase Bank, N.A.
OTC	Over-the-counter
SFG	Susquehanna Financial Group, LLLP
WFB	Wells Fargo Bank, N.A.

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

## Disciplined Value International Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 94.7%</b>		
<b>Australia - 0.8%</b>		
Aurizon Holdings, Ltd.	768,936	\$ 2,022,326
<b>Austria - 0.9%</b>		
ANDRITZ AG	56,000	2,260,523
<b>Belgium - 0.4%</b>		
UCB SA	14,163	1,200,168
<b>Bermuda - 2.1%</b>		
Everest Re Group, Ltd.	19,581	5,488,163
<b>Canada - 7.0%</b>		
Cenovus Energy, Inc.	534,151	10,162,646
Kinross Gold Corp.	394,323	1,403,045
MEG Energy Corp. (A)	147,480	2,041,713
Yamana Gold, Inc.	987,635	4,595,971
		18,203,375
<b>Finland - 3.3%</b>		
Metso Outotec OYJ	332,532	2,509,923
Nordea Bank ABP (Nasdaq Stockholm Exchange)	294,476	2,601,261
Sampo OYJ, A Shares	81,228	3,549,771
		8,660,955
<b>France - 10.4%</b>		
Airbus SE	19,903	1,946,719
Capgemini SE	3,605	621,721
Eiffage SA	23,800	2,152,957
Imerys SA	50,618	1,549,442
Rexel SA (A)	226,030	3,492,630
Sanofi	103,897	10,477,647
TotalEnergies SE	131,972	6,946,635
		27,187,751
<b>Germany - 8.9%</b>		
Allianz SE	11,165	2,140,455
Daimler Truck Holding AG (A)	55,072	1,450,377
Deutsche Post AG	57,566	2,173,480
Deutsche Telekom AG	372,628	7,411,326
Merck KGaA	22,484	3,813,782
Rheinmetall AG	5,548	1,280,289
Siemens AG	47,123	4,844,100
		23,113,809
<b>Greece - 0.7%</b>		
Hellenic Telecommunications Organization SA	110,529	1,930,382
<b>India - 1.0%</b>		
HDFC Bank, Ltd., ADR	45,941	2,524,917
<b>Ireland - 2.1%</b>		
CRH PLC	108,053	3,723,561
Flutter Entertainment PLC (London Stock Exchange) (A)	17,939	1,812,289
		5,535,850

## Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Italy - 0.6%</b>		
UniCredit SpA	155,903	\$ 1,489,869
<b>Japan - 11.3%</b>		
Asahi Group Holdings, Ltd.	79,900	2,627,543
Chugai Pharmaceutical Company, Ltd. (B)	62,100	1,588,549
Fuji Corp. (Aichi)	126,200	1,861,639
Honda Motor Company, Ltd.	183,200	4,417,154
IHI Corp.	90,300	2,412,302
KDDI Corp.	65,300	2,059,195
Komatsu, Ltd.	180,100	4,010,318
Renesas Electronics Corp. (A)	452,600	4,095,739
Sony Group Corp.	20,400	1,663,758
Sumitomo Heavy Industries, Ltd.	104,300	2,308,856
Sumitomo Mitsui Financial Group, Inc.	38,400	1,141,444
TS Tech Company, Ltd.	116,200	1,203,031
		29,389,528
<b>Malta - 0.0%</b>		
BGP Holdings PLC (A)(C)	2,126,418	0
<b>Netherlands - 3.3%</b>		
Aalberts NV	40,515	1,573,321
ING Groep NV	312,241	3,076,088
Stellantis NV	315,527	3,922,095
		8,571,504
<b>Norway - 1.3%</b>		
DNB Bank ASA	106,553	1,928,989
Norsk Hydro ASA	277,533	1,568,411
		3,497,400
<b>South Korea - 3.6%</b>		
Hana Financial Group, Inc.	60,304	1,832,864
KB Financial Group, Inc.	42,186	1,575,365
POSCO Holdings, Inc.	12,460	2,222,081
Samsung Electronics Company, Ltd.	42,721	1,884,310
SK Telecom Company, Ltd.	44,810	1,798,274
		9,312,894
<b>Spain - 0.9%</b>		
Applus Services SA	134,077	929,009
Ence Energia y Celulosa SA	404,316	1,388,360
		2,317,369
<b>Sweden - 2.8%</b>		
Svenska Handelsbanken AB, A Shares	704,627	6,048,454
Volvo AB, B Shares	82,067	1,276,912
		7,325,366
<b>Switzerland - 9.3%</b>		
Glencore PLC (A)	985,100	5,335,733
Novartis AG	91,270	7,737,928
Roche Holding AG	8,268	2,763,991
STMicroelectronics NV	112,568	3,559,985
Swiss Re AG	16,672	1,294,047



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Disciplined Value International Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Switzerland (continued)</b>		
UBS Group AG	229,042	\$ 3,702,860
		24,394,544
<b>United Kingdom - 22.2%</b>		
AstraZeneca PLC	33,779	4,456,188
BAE Systems PLC	1,048,295	10,612,935
Coca-Cola Europacific Partners PLC	153,543	7,924,354
Endeavour Mining PLC	88,747	1,836,026
Ferroglobe PLC (A)	262,613	1,559,921
GSK PLC	88,032	1,897,231
IMI PLC	238,211	3,416,589
Informa PLC (A)	291,921	1,885,989
Liberty Global PLC, Series A (A)	143,002	3,010,192
NatWest Group PLC	1,380,251	3,673,901
Nomad Foods, Ltd. (A)	94,546	1,889,975
Persimmon PLC	59,649	1,357,128
Shell PLC	135,307	3,523,772
Smith & Nephew PLC	144,989	2,027,640
SSE PLC	278,110	5,488,596
Tesco PLC	403,533	1,257,653
WH Smith PLC (A)	121,755	2,092,895
		57,910,985
<b>United States - 1.8%</b>		
Applied Materials, Inc.	17,041	1,550,390
Envista Holdings Corp. (A)	45,881	1,768,254
FMC Corp.	13,949	1,492,682
		4,811,326
<b>TOTAL COMMON STOCKS (Cost \$268,820,583)</b>		<b>\$ 247,149,004</b>
<b>PREFERRED SECURITIES - 0.6%</b>		
<b>Germany - 0.6%</b>		
Volkswagen AG	10,847	1,460,443
<b>TOTAL PREFERRED SECURITIES (Cost \$2,386,791)</b>		<b>\$ 1,460,443</b>
<b>SHORT-TERM INVESTMENTS - 3.9%</b>		
<b>Short-term funds - 3.9%</b>		
Fidelity Government Portfolio, Institutional Class, 1.2500% (D)	10,197,110	10,197,110
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$10,197,110)</b>		<b>\$ 10,197,110</b>
<b>Total Investments (Disciplined Value International Trust)</b> (Cost \$281,404,484) - 99.2%		<b>\$ 258,806,557</b>
<b>Other assets and liabilities, net - 0.8%</b>		<b>2,013,284</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 260,819,841</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(C)	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.
(D)	The rate shown is the annualized seven-day yield as of 6-30-22.

## Emerging Markets Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 96.4%</b>		
<b>Australia - 0.0%</b>		
MMG, Ltd. (A)	108,000	\$ 40,100
<b>Belgium - 0.0%</b>		
Titan Cement International SA (A)	2,489	29,505

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Brazil - 2.9%</b>		
Americanas SA	11,748	\$ 30,148
Atacadao SA	7,800	24,845
Banco Bradesco SA	66,279	182,114
Banco do Brasil SA	41,159	262,520
Banco Santander Brasil SA	17,518	96,436
BrasilAgro - Company Brasileira de Propriedades Agricolas	4,600	21,429
Camil Alimentos SA	10,600	19,930
Cia Brasileira de Distribuicao	10,547	32,930
Cia Siderurgica Nacional SA	33,485	98,789
Cia Siderurgica Nacional SA, ADR (B)	9,153	26,818
Cielo SA	97,021	69,520
Cogna Educacao (A)	186,166	76,125
Construtora Tenda SA (A)	4,000	2,981
Cruzeiro do Sul Educacional SA	10,800	6,005
Cyrela Brazil Realty SA Empreendimentos e Participacoes	24,323	54,935
Direcional Engenharia SA (A)	8,400	16,548
Embraer SA (A)	39,715	86,815
Enauta Participacoes SA	16,860	56,603
Even Construtora e Incorporadora SA	19,800	16,382
Getnet Adquirencia e Servicos para Meios de Pagamento SA	4,379	3,581
Guararapes Confecoes SA	4,400	5,700
International Meal Company Alimentacao SA (A)	26,670	8,205
Iochpe Maxion SA	11,411	34,254
JBS SA	52,890	319,253
JHSF Participacoes SA	28,427	31,667
M Dias Branco SA	10,232	51,029
Marisa Lojas SA (A)	19,338	6,356
MRV Engenharia e Participacoes SA	19,837	29,603
Natura & Company Holding SA	36,732	94,191
Petroleo Brasileiro SA	346,947	2,024,623
Positivo Tecnologia SA	9,000	9,544
Sao Carlos Empreendimentos e Participacoes SA	5,205	28,813
TIM SA	55,934	136,376
Trisul SA	13,137	8,560
Tupy SA	9,951	42,269
Ultrapar Participacoes SA	3,860	9,079
Usinas Siderurgicas de Minas Gerais SA	14,738	23,120
Vale SA	149,757	2,190,791
Valid Solucoes e Servicos de Seguranca em Meios de Pagamento e Identificacao SA	7,000	12,479
		6,251,366
<b>Chile - 0.5%</b>		
Banco de Credito e Inversiones SA	749	21,925
Camanchaca SA (A)	214,992	11,011
CAP SA	5,458	49,188
Cementos BIO BIO SA	16,447	12,367
Cencosud SA	133,449	169,856
Cia Sud Americana de Vapores SA	219,860	19,644
Cristalerias de Chile SA	3,626	11,854
Empresa Nacional de Telecomunicaciones SA	15,564	48,660
Empresas CMPC SA	53,560	89,009
Empresas COPEC SA	26,644	196,567
Empresas Hites SA	46,731	4,940
Enel Americas SA	1,058,745	100,492
Falabella SA	23,775	55,703
Grupo Security SA	147,513	20,880
Hortifrut SA	9,101	8,559
Inversiones Aguas Metropolitanas SA	42,648	14,849

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chile (continued)</b>		
Itau CorpBanca Chile SA	10,081,598	\$ 18,864
Masisa SA	321,066	5,703
PAZ Corp. SA	16,523	5,131
Ripley Corp. SA	137,631	21,746
Salfacorp SA	54,622	13,988
Sigdo Koppers SA	50,989	44,168
SMU SA	245,031	23,231
Sociedad Matriz SAAM SA	670,600	40,193
Socovesa SA	113,429	12,437
SONDA SA	24,563	7,361
		1,028,326
<b>China - 25.4%</b>		
360 DigiTech, Inc., ADR	1,248	21,590
360 Security Technology, Inc., Class A	30,100	38,394
361 Degrees International, Ltd. (A)	119,000	64,326
3SBio, Inc. (C)	146,500	116,734
AAC Technologies Holdings, Inc. (B)	79,500	183,682
Addsino Company, Ltd., Class A	9,800	17,510
Agile Group Holdings, Ltd. (B)	157,000	63,067
Agricultural Bank of China, Ltd., H Shares	1,681,000	635,512
Air China, Ltd., H Shares (A)	80,000	69,720
Alibaba Group Holding, Ltd. (A)	157,000	2,239,667
Allmed Medical Products Company, Ltd., Class A	6,100	11,517
Aluminum Corp. of China, Ltd., H Shares	372,000	139,837
Angang Steel Company, Ltd., H Shares	167,800	62,821
Anhui Conch Cement Company, Ltd., H Shares	130,000	564,190
Anhui Guangxin Agrochemical Company, Ltd., Class A	4,480	18,874
Anhui Truchum Advanced Materials & Technology Company, Ltd., Class A	12,200	17,050
Anhui Zhongding Sealing Parts Company, Ltd., Class A	9,200	25,134
Anton Oilfield Services Group (A)	284,000	16,436
Aoshikang Technology Company, Ltd., Class A	4,600	21,760
Asia Cement China Holdings Corp.	65,000	35,654
Avary Holding Shenzhen Company, Ltd., Class A	4,500	20,370
AVIC Industry-Finance Holdings Company, Ltd., Class A	40,100	20,754
AviChina Industry & Technology Company, Ltd., H Shares	230,000	131,479
BAIC Motor Corp., Ltd., H Shares (C)	207,000	68,934
Baidu, Inc., ADR (A)	13,087	1,946,430
Baidu, Inc., Class A (A)	3,350	63,460
BAIOO Family Interactive, Ltd. (A)(C)	126,000	10,438
Bank of Beijing Company, Ltd., Class A	90,000	61,101
Bank of Changsha Company, Ltd., Class A	41,600	49,354
Bank of Chengdu Company, Ltd., Class A	28,200	69,977
Bank of China, Ltd., H Shares	4,760,694	1,902,237
Bank of Chongqing Company, Ltd., H Shares	69,500	37,151
Bank of Communications Company, Ltd., H Shares	485,876	336,785
Bank of Guiyang Company, Ltd., Class A	19,600	17,027
Bank of Hangzhou Company, Ltd., Class A (A)	28,200	63,192
Bank of Jiangsu Company, Ltd., Class A	53,800	57,309
Bank of Nanjing Company, Ltd., Class A	54,200	84,488
Bank of Ningbo Company, Ltd., Class A	36,960	198,144
Bank of Shanghai Company, Ltd., Class A	57,000	55,833
Bank of Suzhou Company, Ltd., Class A	21,010	19,168

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Bank of Tianjin Company, Ltd., H Shares (A)	74,000	\$ 20,135
Baoshan Iron & Steel Company, Ltd., Class A	156,200	140,656
Baoye Group Company, Ltd., H Shares (A)	22,000	11,289
Baozun, Inc., Class A (A)	1,300	4,742
BBMG Corp., H Shares	220,000	32,043
Beijing Capital Eco-Environment Protection Group Company, Ltd., Class A	50,000	21,692
Beijing Capital International Airport Company, Ltd., H Shares (A)	236,000	161,046
Beijing Dabeinong Technology Group Company, Ltd., Class A (A)	18,200	21,265
Beijing Enlight Media Company, Ltd., Class A	14,200	20,123
Beijing GeoEnviron Engineering & Technology, Inc., Class A	7,200	12,433
Beijing Jetsen Technology Company, Ltd., Class A (A)	27,000	22,286
Beijing New Building Materials PLC, Class A	12,300	63,766
Beijing North Star Company, Ltd., H Shares	132,000	17,855
Beijing Orient National Communication Science & Technology Company, Ltd., Class A (A)	10,200	14,108
Beijing Originwater Technology Company, Ltd., Class A	11,500	8,967
Beijing Shougang Company, Ltd., Class A	20,200	14,375
Beijing Shunxin Agriculture Company, Ltd., Class A	3,700	14,860
Beijing Sinnet Technology Company, Ltd., Class A	10,500	16,388
Beijing Thunisoft Corp, Ltd., Class A (A)	6,500	7,317
Beijing Urban Construction Design & Development Group Company, Ltd., H Shares (C)	35,000	8,676
Beijing Yanjing Brewery Company, Ltd., Class A	18,000	26,020
Beijing-Shanghai High Speed Railway Company, Ltd., Class A	62,900	47,226
Blue Sail Medical Company, Ltd., Class A	7,100	10,134
Bluefocus Intelligent Communications Group Company, Ltd., Class A	17,200	16,840
BOC International China Company, Ltd., Class A	8,800	17,567
BOE Technology Group Company, Ltd., Class A	248,600	146,455
Bohai Leasing Company, Ltd., Class A (A)	50,900	16,487
Bright Dairy & Food Company, Ltd., Class A (A)	9,600	18,153
BTG Hotels Group Company, Ltd., Class A	4,500	16,703
BYD Electronic International Company, Ltd.	63,500	200,968
Cabbeen Fashion, Ltd.	40,000	9,150
Caitong Securities Company, Ltd., Class A	33,670	39,699
Cangzhou Mingzhu Plastic Company, Ltd., Class A	15,000	13,961
CECEP Solar Energy Company, Ltd., Class A	13,500	16,842
CECEP Wind-Power Corp., Class A	19,600	14,061
Central China Management Company, Ltd.	113,732	16,923
Central China Real Estate, Ltd.	113,732	10,590

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Changjiang Securities Company, Ltd., Class A	20,700	\$ 18,384
Changsha Broad Homes Industrial Group Company, Ltd., H Shares (A)(C)	9,000	11,134
Chaowei Power Holdings, Ltd.	88,000	20,729
Cheetah Mobile, Inc., ADR (A)	4,594	3,171
Chengtun Mining Group Company, Ltd., Class A	12,000	13,952
Chengzhi Company, Ltd., Class A (A)	5,100	8,351
China BlueChemical, Ltd., H Shares	242,000	69,628
China Bohai Bank Company, Ltd., H Shares (B)(C)	111,000	18,639
China Cinda Asset Management Company, Ltd., H Shares	588,000	92,268
China CITIC Bank Corp., Ltd., H Shares	730,775	327,325
China Coal Energy Company, Ltd., H Shares	178,000	150,411
China Communications Services Corp., Ltd., H Shares	217,200	95,544
China Conch Environment Protection Holdings, Ltd. (A)	109,000	75,845
China Conch Venture Holdings, Ltd.	109,000	237,748
China Construction Bank Corp., H Shares	8,153,000	5,497,164
China CSSC Holdings, Ltd., Class A	14,900	42,278
China Development Bank Financial Leasing Company, Ltd., H Shares (C)	122,000	16,218
China Dili Group (A)	190,600	35,665
China Dongxiang Group Company, Ltd.	361,000	20,491
China East Education Holdings, Ltd. (C)	45,000	23,919
China Eastern Airlines Corp., Ltd., H Shares (A)	76,000	29,193
China Electronics Optics Valley Union Holding Company, Ltd.	308,000	24,391
China Energy Engineering Corp., Ltd., H Shares (B)	162,000	22,560
China Everbright Bank Company, Ltd., H Shares	248,000	80,376
China Galaxy Securities Company, Ltd., H Shares	301,000	174,132
China Great Wall Securities Company, Ltd., Class A	11,800	17,948
China Hanking Holdings, Ltd.	61,000	9,569
China Harmony Auto Holding, Ltd.	105,500	48,042
China Hongqiao Group, Ltd.	249,000	280,510
China Huiyuan Juice Group, Ltd. (A)(D)	212,500	13,676
China International Marine Containers Group Company, Ltd., H Shares	64,700	104,744
China Jushi Company, Ltd., Class A	18,200	47,379
China Kepei Education Group, Ltd.	68,000	17,869
China Lesso Group Holdings, Ltd.	133,000	201,321
China Life Insurance Company, Ltd., H Shares	259,000	452,148
China Lilang, Ltd.	72,000	35,801
China Maple Leaf Educational Systems, Ltd. (A)(D)	222,000	9,053
China Medical System Holdings, Ltd.	135,000	210,467
China Meheco Company, Ltd., Class A	6,160	13,676
China Merchants Bank Company, Ltd., H Shares	223,500	1,509,614
China Merchants Energy Shipping Company, Ltd., Class A	24,100	20,766
China Merchants Property Operation & Service Company, Ltd., Class A	4,300	11,567
China Merchants Securities Company, Ltd., H Shares (C)	29,480	32,019

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
China Merchants Shekou Industrial Zone Holdings Company, Ltd., Class A	19,600	\$ 39,395
China Minsheng Banking Corp., Ltd., H Shares	371,400	132,593
China Modern Dairy Holdings, Ltd.	171,000	25,732
China National Accord Medicines Corp., Ltd., Class A	2,100	9,352
China National Building Material Company, Ltd., H Shares	467,450	500,715
China National Chemical Engineering Company, Ltd., Class A	23,400	32,969
China National Medicines Corp, Ltd., Class A	3,200	12,830
China National Nuclear Power Company, Ltd., Class A	99,100	101,747
China New Higher Education Group, Ltd. (C)	88,000	30,180
China Oilfield Services, Ltd., H Shares	128,000	124,987
China Oriental Group Company, Ltd.	164,000	39,981
China Pacific Insurance Group Company, Ltd., H Shares	197,000	483,833
China Petroleum & Chemical Corp., ADR	6,198	277,608
China Petroleum & Chemical Corp., H Shares	1,412,000	636,247
China Railway Group, Ltd., H Shares	338,000	209,235
China Railway Signal & Communication Corp., Ltd., H Shares (C)	166,000	55,466
China Reinsurance Group Corp., H Shares	554,000	45,933
China Renaissance Holdings, Ltd. (A)(C)	12,000	15,069
China Resources Double Crane Pharmaceutical Company, Ltd., Class A	6,300	24,191
China Resources Medical Holdings Company, Ltd.	103,000	66,888
China Resources Pharmaceutical Group, Ltd. (C)	195,500	132,762
China Resources Sanjiu Medical & Pharmaceutical Company, Ltd., Class A	5,700	38,371
China Sanjiang Fine Chemicals Company, Ltd.	105,000	20,101
China SCE Group Holdings, Ltd.	229,200	31,634
China Shanshui Cement Group, Ltd. (A)	117,000	30,311
China Shenhua Energy Company, Ltd., H Shares	288,500	827,499
China Shineway Pharmaceutical Group, Ltd.	32,000	27,438
China Silver Group, Ltd. (A)	94,000	5,330
China South Publishing & Media Group Company, Ltd., Class A (A)	14,900	21,038
China Southern Airlines Company, Ltd., H Shares (A)	132,000	76,537
China State Construction Engineering Corp., Ltd., Class A	265,600	211,085
China Sunshine Paper Holdings Company, Ltd.	31,500	8,645
China Taifeng Beddings Holdings, Ltd. (A)(D)	204,000	12,635
China Tower Corp., Ltd., H Shares (C)	3,970,000	511,543
China TransInfo Technology Company, Ltd., Class A (A)	9,500	15,805
China Tungsten And Hightech Materials Company, Ltd., Class A (A)	8,600	19,283
China Vanke Company, Ltd., H Shares	164,892	415,161
China XLX Fertiliser, Ltd.	58,000	44,448
China Yongda Automobiles Services Holdings, Ltd.	101,000	95,755

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
China Yuhua Education Corp., Ltd. (A)(C)	162,000	\$ 28,699
China Zhesang Bank Company, Ltd., H Shares	42,000	19,089
China Zhongwang Holdings, Ltd. (A)(D)	196,800	42,135
Chinese Universe Publishing and Media Group Company, Ltd., Class A	6,200	9,269
Chongqing Changan Automobile Company, Ltd., Class A	34,190	88,703
Chongqing Rural Commercial Bank Company, Ltd., H Shares	156,000	56,136
Chow Tai Seng Jewellery Company, Ltd., Class A	3,700	8,591
CIFI Holdings Group Company, Ltd.	372,787	187,914
CITIC Securities Company, Ltd., H Shares	142,025	318,361
CITIC, Ltd.	350,130	356,928
CMGE Technology Group, Ltd. (A)	30,000	8,856
CMST Development Company, Ltd., Class A	21,400	18,187
CNHTC Jinan Truck Company, Ltd., Class A	6,000	11,680
CNOOC Energy Technology & Services, Ltd., Class A	33,000	12,714
COFCO Biotechnology Company, Ltd., Class A	15,200	20,562
COFCO Joycome Foods, Ltd. (A)	127,000	61,589
Cogobuy Group (A)(C)	74,000	21,665
Colour Life Services Group Company, Ltd. (A)(D)	6,169	439
Consun Pharmaceutical Group, Ltd.	19,000	10,113
COSCO SHIPPING Development Company, Ltd., H Shares	434,000	87,029
COSCO SHIPPING Energy Transportation Company, Ltd., H Shares	144,000	91,889
COSCO SHIPPING Holdings Company, Ltd., H Shares	30,000	42,109
Cosmo Lady China Holdings Company, Ltd. (A)(C)	29,000	1,331
Country Garden Holdings Company, Ltd.	835,155	521,205
CPMC Holdings, Ltd.	76,000	32,890
CSG Holding Company, Ltd., Class A	13,900	15,439
CT Environmental Group, Ltd. (A)(D)	164,000	2,487
CTS International Logistics Corp, Ltd., Class A	8,000	11,996
Dali Foods Group Company, Ltd. (C)	180,500	96,004
Dexin China Holdings Company, Ltd. (A)	66,000	22,850
DHC Software Company, Ltd., Class A	10,800	10,222
Dian Diagnostics Group Company, Ltd., Class A	2,300	10,677
Digital China Information Service Company, Ltd., Class A	7,800	13,192
Dong-E-E-Jiao Company, Ltd., Class A	2,100	11,615
Dongfang Electric Corp., Ltd., H Shares	29,000	34,760
Dongfeng Motor Group Company, Ltd., H Shares	210,000	159,872
Dongxing Securities Company, Ltd., Class A	12,000	15,979
Dongyue Group, Ltd.	87,000	109,139
DouYu International Holdings, Ltd., ADR (A)	3,398	4,078
E-Commodities Holdings, Ltd.	200,000	60,069
Edvantage Group Holdings, Ltd.	38,000	12,769
Everbright Securities Company, Ltd., H Shares (B)(C)	25,600	17,847
Fang Holdings, Ltd., ADR (A)	10	2

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Fangda Carbon New Material Company, Ltd., Class A (A)	13,200	\$ 14,996
Fangda Special Steel Technology Company, Ltd., Class A	8,800	9,197
Fanhua, Inc., ADR	2,603	13,458
FAW Jiefang Group Company, Ltd., Class A	9,300	12,988
Fiberhome Telecommunication Technologies Company, Ltd., Class A	5,000	10,836
FIH Mobile, Ltd. (A)	158,000	22,606
FinVolution Group, ADR	6,795	32,276
First Capital Securities Company, Ltd., Class A	18,600	17,860
Fosun International, Ltd.	195,460	180,559
Founder Securities Company, Ltd., Class A	31,500	31,631
Foxconn Industrial Internet Company, Ltd., Class A	49,400	72,728
Fu Shou Yuan International Group, Ltd.	103,000	74,190
Fufeng Group, Ltd.	208,200	133,767
Fujian Funeng Company, Ltd., Class A	13,000	27,413
Fujian Sunner Development Company, Ltd., Class A	6,700	19,216
Gan & Lee Pharmaceuticals Company, Ltd., Class A	2,800	20,102
Gansu Shangfeng Cement Company, Ltd., Class A	10,080	23,806
GDS Holdings, Ltd., Class A (A)	21,200	89,150
GEM Company, Ltd., Class A	25,800	35,149
Gemdale Corp., Class A	16,600	33,370
Genertec Universal Medical Group Company, Ltd. (C)	99,000	60,604
GF Securities Company, Ltd., H Shares	69,200	91,687
Giant Network Group Company, Ltd., Class A	8,000	10,967
Glory Land Company, Ltd. (A)	84,000	2,177
Grand Baoxin Auto Group, Ltd. (A)	219,500	16,309
Grandjoy Holdings Group Company, Ltd., Class A (A)	22,500	13,461
Greatview Aseptic Packaging Company, Ltd.	44,000	8,807
Gree Electric Appliances, Inc. of Zhuhai, Class A	20,300	102,497
Greenland Holdings Corp., Ltd., Class A	35,400	20,974
Greenland Hong Kong Holdings, Ltd.	88,000	17,415
Greentown China Holdings, Ltd.	102,500	213,123
GRG Banking Equipment Company, Ltd., Class A	6,800	9,436
Guangdong Tapai Group Company, Ltd., Class A	13,200	17,469
Guangdong Xinbao Electrical Appliances Holdings Company, Ltd., Class A	5,400	17,770
Guanghui Energy Company, Ltd., Class A	34,100	53,566
Guangshen Railway Company, Ltd., H Shares (A)	211,600	39,701
Guangxi Liugong Machinery Company, Ltd., Class A (A)	12,000	11,682
Guangxi Wuzhou Zhongheng Group Company, Ltd., Class A	44,700	19,722
Guangzhou Automobile Group Company, Ltd., H Shares	154,000	149,402
Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., H Shares	16,000	47,046
Guangzhou Haige Communications Group, Inc. Company, Class A	9,600	13,061

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Guangzhou Yuexiu Financial Holdings Group Company, Ltd., Class A	22,950	\$ 24,145
Guizhou Panjiang Refined Coal Company, Ltd., Class A	18,700	24,469
Guizhou Xinbang Pharmaceutical Company, Ltd., Class A	10,700	11,059
Guosen Securities Company, Ltd., Class A	35,700	51,180
Guotai Junan Securities Company, Ltd., H Shares (C)	34,600	43,218
Guoyuan Securities Company, Ltd., Class A	17,400	16,197
Hainan Meilan International Airport Company, Ltd., H Shares (A)	8,000	23,576
Haitian International Holdings, Ltd.	70,000	179,058
Haitong Securities Company, Ltd., H Shares	188,000	138,393
Hang Zhou Great Star Industrial Company, Ltd., Class A (A)	4,300	12,110
Hangcha Group Company, Ltd., Class A	5,800	13,396
Hangzhou Binjiang Real Estate Group Company, Ltd., Class A (A)	20,300	26,325
Hangzhou Oxygen Plant Group Company, Ltd., Class A	5,100	23,844
Hangzhou Robam Appliances Company, Ltd., Class A	4,400	23,712
Han's Laser Technology Industry Group Company, Ltd., Class A	8,000	39,716
Harbin Bank Company, Ltd., H Shares (A)(C)	74,000	6,326
Harbin Electric Company, Ltd., H Shares (A)	84,000	24,509
HBIS Resources Company, Ltd., Class A	4,700	9,606
HC Group, Inc. (A)	98,000	5,992
Heilongjiang Agriculture Company, Ltd., Class A	9,100	20,080
Hello Group, Inc., ADR	17,548	88,617
Henan Shenhua Coal & Power Company, Ltd., Class A	6,200	12,111
Hengan International Group Company, Ltd.	70,000	329,494
Hengli Petrochemical Company, Ltd., Class A	35,401	117,837
Hengtong Optic-electric Company, Ltd., Class A	4,800	10,454
Hengyi Petrochemical Company, Ltd., Class A	23,800	37,423
Hesteel Company, Ltd., Class A	54,700	18,487
Hiroca Holdings, Ltd.	8,000	15,717
Hisense Home Appliances Group Company, Ltd., H Shares	39,000	44,187
Hongda Xingye Company, Ltd., Class A (A)	28,900	16,042
Honghua Group, Ltd. (A)	367,000	11,932
Honworld Group, Ltd. (A)(C)(D)	56,000	19,719
Hope Education Group Company, Ltd. (C)	352,000	29,215
Hua Hong Semiconductor, Ltd. (A)(C)	28,000	101,636
Huadong Medicine Company, Ltd., Class A	4,620	31,254
Huafon Chemical Company, Ltd., Class A	21,100	26,662
HuaiBei Mining Holdings Company, Ltd., Class A	10,300	22,406
Huapont Life Sciences Company, Ltd., Class A	10,700	8,937
Huatai Securities Company, Ltd., H Shares (C)	97,000	144,286
Huaxi Securities Company, Ltd., Class A	7,000	8,221

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Huaxia Bank Company, Ltd., Class A	65,400	\$ 50,959
Huaxin Cement Company, Ltd., Class A	7,100	20,719
Huayu Automotive Systems Company, Ltd., Class A	14,900	51,274
Hubei Biocause Pharmaceutical Company, Ltd., Class A	20,900	10,678
Hubei Jumpcan Pharmaceutical Company, Ltd., Class A	7,400	30,087
Hubei Xingfa Chemicals Group Company, Ltd., Class A	4,100	27,018
Huishang Bank Corp., Ltd., H Shares	63,300	20,403
Humanwell Healthcare Group Company, Ltd., Class A	12,500	29,901
Hunan Valin Steel Company, Ltd., Class A	44,000	33,543
HUYA, Inc., ADR (A)	5,507	21,367
Hytera Communications Corp, Ltd., Class A (A)	14,800	10,708
iDreamSky Technology Holdings, Ltd. (A)(C)	32,000	23,642
Industrial & Commercial Bank of China, Ltd., H Shares	3,442,000	2,053,666
Industrial Bank Company, Ltd., Class A	131,700	392,521
Industrial Securities Company, Ltd., Class A	29,200	30,836
Inke, Ltd. (A)	75,000	13,419
Inner Mongolia BaoTou Steel Union Company, Ltd., Class A	166,200	58,445
Inner Mongolia Dian Tou Energy Corp, Ltd., Class A	8,600	18,403
Inner Mongolia ERDOS Resources Company, Ltd., Class A	6,300	16,968
Inner Mongolia Junzheng Energy & Chemical Industry Group Company, Ltd., Class A	43,700	31,888
Inner Mongolia Xingye Mining Company, Ltd., Class A (A)	13,800	14,674
Inner Mongolia Yitai Coal Company, Ltd., H Shares	25,700	37,656
Inner Mongolia Yuan Xing Energy Company, Ltd., Class A	18,500	29,128
Inspur Electronic Information Industry Company, Ltd., Class A	9,300	36,887
Intco Medical Technology Company, Ltd., Class A	3,840	14,557
JCET Group Company, Ltd., Class A	10,100	40,849
Jiangsu Changshu Rural Commercial Bank Company, Ltd., Class A	18,200	20,817
Jiangsu Guotai International Group Company, Ltd., Class A	7,600	12,208
Jiangsu Jiangyin Rural Commercial Bank Company, Ltd., Class A	17,900	12,135
Jiangsu Linyang Energy Company, Ltd., Class A	13,300	16,635
Jiangsu Provincial Agricultural Reclamation and Development Corp.	11,200	23,425
Jiangsu Shagang Company, Ltd., Class A	27,000	19,433
Jiangsu Shuangxing Color Plastic New Materials Company, Ltd., Class A	5,200	14,092
Jiangsu Zhangjiagang Rural Commercial Bank Company, Ltd., Class A	16,680	13,213
Jiangsu Zhongtian Technology Company, Ltd., Class A (A)	17,400	60,259
Jiangxi Copper Company, Ltd., H Shares	99,000	135,378
Jilin Aodong Pharmaceutical Group Company, Ltd., Class A	4,700	10,370

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Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Jingrui Holdings, Ltd. (A)(B)(D)	69,000	\$ 5,188
JinkoSolar Holding Company, Ltd., ADR (A)	3,651	252,576
Jinmao Property Services Company, Ltd. (A)	7,552	4,606
Jinneng Science&Technology Company, Ltd., Class A (A)	8,700	14,401
Jizhong Energy Resources Company, Ltd., Class A	18,200	20,260
JNBY Design, Ltd.	11,000	12,619
Joincare Pharmaceutical Group Industry Company, Ltd., Class A	11,400	21,048
Jointown Pharmaceutical Group Company, Ltd., Class A	7,700	13,712
Juneyao Airlines Company, Ltd., Class A (A)	6,700	18,049
Kaisa Prosperity Holdings, Ltd. (A)	4,000	2,336
Kangda International Environmental Company, Ltd. (A)(C)	140,000	12,455
Kasen International Holdings, Ltd. (A)	119,000	7,730
Keshun Waterproof Technologies Company, Ltd., Class A	10,700	21,106
Kingfa Sci & Tech Company, Ltd., Class A	12,500	17,808
Kingsoft Corp., Ltd.	93,600	365,731
Kunlun Tech Company, Ltd., Class A	3,100	7,427
KWG Group Holdings, Ltd. (A)	154,013	49,239
KWG Living Group Holdings, Ltd.	88,506	27,743
LB Group Company, Ltd., Class A	13,400	40,209
Legend Holdings Corp., H Shares (C)	66,200	87,120
Lens Technology Company, Ltd., Class A	31,900	52,965
Leo Group Company, Ltd., Class A (A)	58,700	17,065
Lepu Medical Technology Beijing Company, Ltd., Class A	12,600	34,997
LexinFintech Holdings, Ltd., ADR (A)	14,967	33,376
Leyard Optoelectronic Company, Ltd., Class A	9,800	10,729
Liaoning Cheng Da Company, Ltd., Class A	7,000	15,267
Liaoning Port Company, Ltd., H Shares	204,000	18,694
Lier Chemical Company, Ltd., Class A	5,460	19,335
Lingyi iTech Guangdong Company, Class A (A)	40,900	30,738
Livzon Pharmaceutical Group, Inc., H Shares	17,400	60,473
Logan Group Company, Ltd. (D)	166,000	34,589
Longfor Group Holdings, Ltd. (C)	138,500	658,726
Lonking Holdings, Ltd.	277,000	67,175
Luxi Chemical Group Company, Ltd., Class A (A)	14,600	37,770
Luye Pharma Group, Ltd. (A)(C)	235,000	77,311
Maanshan Iron & Steel Company, Ltd., H Shares	108,000	32,813
Maoyan Entertainment (A)(C)	19,400	19,840
Mayinglong Pharmaceutical Group Company, Ltd., Class A	5,200	18,112
Meitu, Inc. (A)(B)(C)	104,000	13,864
Metallurgical Corp. of China, Ltd., H Shares	185,000	44,456
Ming Yang Smart Energy Group, Ltd., Class A	9,200	46,628
Minth Group, Ltd.	60,000	164,393
MLS Company, Ltd., Class A	9,700	14,195
Monalisa Group Company, Ltd., Class A (A)	6,100	17,120

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Nanjing Iron & Steel Company, Ltd., Class A	38,000	\$ 17,901
Nanjing Securities Company, Ltd., Class A	15,100	18,864
NavInfo Company, Ltd., Class A	11,700	26,372
NetDragon Websoft Holdings, Ltd.	17,000	36,511
New China Life Insurance Company, Ltd., H Shares	82,000	230,769
New Hope Liuhe Company, Ltd., Class A (A)	16,500	37,792
Newland Digital Technology Company, Ltd., Class A	4,600	9,109
Ningbo Huaxiang Electronic Company, Ltd., Class A	6,500	15,583
Ningbo Joyson Electronic Corp., Class A (A)	8,100	19,057
Ningbo Sanxing Medical Electric Company, Ltd., Class A	4,500	8,948
Ningbo Zhoushan Port Company, Ltd., Class A	17,900	10,441
Ningxia Baofeng Energy Group Company, Ltd., Class A	15,500	33,930
Noah Holdings, Ltd., ADR (A)	1,849	37,405
North Industries Group Red Arrow Company, Ltd., Class A (A)	6,800	29,535
Northeast Securities Company, Ltd., Class A	10,520	11,009
NVC International Holdings, Ltd. (A)	267,000	4,371
Offshore Oil Engineering Company, Ltd., Class A	30,700	19,007
OFILM Group Company, Ltd., Class A (A)	9,000	9,045
Orient Securities Company, Ltd., H Shares (C)	42,000	23,742
Pangang Group Vanadium Titanium & Resources Company, Ltd., Class A (A)	42,500	24,193
PCI Technology Group Company, Ltd., Class A	17,100	16,532
Pengdu Agriculture & Animal Husbandry Company, Ltd., Class A (A)	44,000	22,323
Perfect World Company, Ltd., Class A	9,000	19,365
PetroChina Company, Ltd., H Shares	1,912,000	896,740
PICC Property & Casualty Company, Ltd., H Shares	548,000	571,457
Ping An Bank Company, Ltd., Class A (A)	90,100	202,200
Ping An Insurance Group Company of China, Ltd., H Shares	482,000	3,317,724
Pingdingshan Tianan Coal Mining Company, Ltd., Class A	15,000	30,421
Postal Savings Bank of China Company, Ltd., H Shares (B)(C)	489,000	389,693
Power Construction Corp. of China, Ltd., Class A	61,800	72,777
Powerlong Real Estate Holdings, Ltd.	114,000	19,075
Q Technology Group Company, Ltd. (A)	37,000	25,535
Qingdao Port International Company, Ltd., H Shares (C)	19,000	8,924
Qingdao Rural Commercial Bank Corp., Class A	34,400	17,078
Qingling Motors Company, Ltd., H Shares	128,000	21,543
Qunxing Paper Holdings Company, Ltd. (A)(D)	634,371	0
Red Star Macalline Group Corp., Ltd., H Shares (C)	62,480	25,620
Redco Properties Group, Ltd. (A)(C)	96,000	24,606
Redsun Properties Group, Ltd.	93,000	30,446
Renhe Pharmacy Company, Ltd., Class A	14,800	14,122

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Risen Energy Company, Ltd., Class A	2,800	\$ 12,320
RiseSun Real Estate Development Company, Ltd., Class A	16,000	7,254
Ronshine China Holdings, Ltd. (A)	61,500	15,272
SAIC Motor Corp., Ltd., Class A	32,700	87,190
Sailun Group Company, Ltd., Class A	14,200	23,973
Sansteel Minguang Company, Ltd., Class A	16,900	15,386
Sany Heavy Equipment International Holdings Company, Ltd.	99,000	104,640
Sany Heavy Industry Company, Ltd., Class A	52,400	149,537
SDIC Capital Company, Ltd., Class A	14,700	13,998
Sealand Securities Company, Ltd., Class A	25,200	13,685
Seazen Group, Ltd. (A)	251,428	124,610
Seazen Holdings Company, Ltd., Class A	14,800	56,286
Shaanxi Coal Industry Company, Ltd., Class A	59,000	186,487
Shan Xi Hua Yang Group New Energy Company, Ltd., Class A	18,100	41,801
Shandong Bohui Paper Industrial Company, Ltd., Class A (A)	7,000	8,111
Shandong Buchang Pharmaceuticals Company, Ltd., Class A	3,600	10,620
Shandong Chenming Paper Holdings, Ltd., H Shares (A)	41,000	15,616
Shandong Himile Mechanical Science & Technology Company, Ltd., Class A	5,200	17,363
Shandong Hualu Hengsheng Chemical Company, Ltd., Class A	14,600	63,800
Shandong Linglong Tyre Company, Ltd., Class A	8,600	32,639
Shandong Molong Petroleum Machinery Company, Ltd., H Shares (A)	33,600	13,685
Shandong Nanshan Aluminum Company, Ltd., Class A	48,800	26,940
Shandong Sun Paper Industry JSC, Ltd., Class A	13,600	25,061
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	252,000	294,316
Shanghai AJ Group Company, Ltd., Class A	21,300	18,898
Shanghai Bailian Group Company, Ltd., Class A	13,400	26,473
Shanghai Construction Group Company, Ltd., Class A (A)	41,000	18,555
Shanghai Electric Group Company, Ltd., H Shares	158,000	38,956
Shanghai Environment Group Company, Ltd., Class A	11,800	17,938
Shanghai International Airport Company, Ltd., Class A (A)	2,900	24,622
Shanghai International Port Group Company, Ltd., Class A	44,200	38,568
Shanghai Jinjiang International Hotels Company, Ltd., Class A (A)	3,300	31,080
Shanghai Lingang Holdings Corp, Ltd., Class A	7,000	14,190
Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., Class A	6,500	10,077
Shanghai Mechanical and Electrical Industry Company, Ltd., Class A	4,400	9,028
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	60,000	99,624

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Shanghai Pudong Development Bank Company, Ltd., Class A	121,600	\$ 145,696
Shanghai RAAS Blood Products Company, Ltd., Class A	29,400	26,065
Shanghai Sinyang Semiconductor Materials Company, Ltd., Class A	2,800	13,883
Shanghai Tunnel Engineering Company, Ltd., Class A	24,000	21,977
Shanghai Yuyuan Tourist Mart Group Company, Ltd., Class A	7,000	9,882
Shanghai Zhangjiang High-Tech Park Development Company, Ltd., Class A	13,300	24,774
Shanxi Coking Coal Energy Group Company, Ltd., Class A	22,900	45,690
Shanxi Coking Company, Ltd., Class A	16,400	14,278
Shanxi Lu'an Environmental Energy Development Company, Ltd., Class A	11,400	24,832
Shanxi Taigang Stainless Steel Company, Ltd., Class A	40,100	32,633
Shanying International Holding Company, Ltd., Class A	40,100	16,617
Shengjing Bank Company, Ltd., H Shares (A)(C)	17,500	13,368
Shenguan Holdings Group, Ltd.	90,000	4,812
Shenwan Hongyuan Group Company, Ltd., H Shares (C)	143,200	28,855
Shenzhen Agricultural Products Group Company, Ltd., Class A	22,100	20,508
Shenzhen Airport Company, Ltd., Class A (A)	12,200	14,067
Shenzhen Aisidi Company, Ltd., Class A	13,100	18,223
Shenzhen Desay Battery Technology Company, Class A	2,100	14,179
Shenzhen Everwin Precision Technology Company, Ltd., Class A (A)	6,000	9,269
Shenzhen Gas Corp, Ltd., Class A	17,200	17,879
Shenzhen Huaqiang Industry Company, Ltd., Class A	4,300	8,181
Shenzhen Jinjia Group Company, Ltd., Class A	11,500	18,418
Shenzhen Kaifa Technology Company, Ltd., Class A	8,800	15,328
Shenzhen Kinwong Electronic Company, Ltd., Class A (A)	2,900	10,134
Shenzhen MTC Company, Ltd., Class A (A)	26,800	15,418
Shenzhen Overseas Chinese Town Company, Ltd., Class A	44,000	42,746
Shenzhen Suntak Circuit Technology Company, Ltd., Class A	8,500	16,309
Shenzhen YUTO Packaging Technology Company, Ltd., Class A	2,400	10,597
Shenzhen Zhongjin Lingnan Nonfemet Company, Ltd., Class A	16,500	10,973
Shui On Land, Ltd.	390,961	52,939
Sichuan Development Lomon Company, Ltd., Class A (A)	12,700	32,750
Sichuan Hebang Biotechnology Company, Ltd., Class A	32,700	20,850
Sichuan Kelun Pharmaceutical Company, Ltd., Class A	11,400	31,884
Sichuan Road & Bridge Company, Ltd., Class A	26,700	42,051
Sihuan Pharmaceutical Holdings Group, Ltd. (B)	343,000	56,158

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Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Sinolink Securities Company, Ltd., Class A (A)	14,300	\$ 19,273
Sino-Ocean Group Holding, Ltd.	333,973	56,735
Sinopec Engineering Group Company, Ltd., H Shares	129,000	59,197
Sinopec Shanghai Petrochemical Company, Ltd., H Shares	300,000	51,285
Sinopharm Group Company, Ltd., H Shares	150,400	364,138
Sinosoft Technology Group, Ltd. (A)	104,000	6,250
Sinotrans, Ltd., H Shares	242,000	69,620
Sinotruk Hong Kong, Ltd.	85,500	120,335
SOHO China, Ltd. (A)	247,000	46,968
SooChow Securities Company, Ltd., Class A	19,110	19,812
Southwest Securities Company, Ltd., Class A	28,700	17,054
Suning Universal Company, Ltd., Class A (A)	15,000	8,260
Suning.com Company, Ltd., Class A (A)	26,300	9,027
Sunshine 100 China Holdings, Ltd. (A)(C)(D)	77,000	3,268
Suzhou Anjie Technology Company, Ltd., Class A	7,300	17,888
Suzhou Dongshan Precision Manufacturing Company, Ltd., Class A	11,700	40,178
Suzhou Gold Mantis Construction Decoration Company, Ltd., Class A (A)	21,200	16,131
Tangshan Jidong Cement Company, Ltd., Class A	11,000	17,320
Tangshan Port Group Company, Ltd., Class A	52,100	20,110
Tangshan Sanyou Chemical Industries Company, Ltd., Class A	14,700	18,036
TBEA Company, Ltd., Class A	22,600	92,735
TCL Technology Group Corp., Class A	98,900	70,930
Ten Pao Group Holdings, Ltd.	80,000	12,586
Tencent Music Entertainment Group, ADR (A)	44,713	224,459
Tenwow International Holdings, Ltd. (A)(D)	121,000	4,395
The People's Insurance Company Group of China, Ltd., H Shares	514,000	157,379
Tian Di Science & Technology Company, Ltd., Class A	33,600	24,055
Tian Ge Interactive Holdings, Ltd. (A)(C)	44,000	5,384
Tiangong International Company, Ltd.	108,000	38,966
Tianjin Capital Environmental Protection Group Company, Ltd., H Shares	24,000	9,494
Tianjin Chase Sun Pharmaceutical Company, Ltd., Class A	20,700	23,811
Tianjin Guangyu Development Company, Ltd., Class A	7,500	14,591
Tianli International Holdings, Ltd. (B)	150,000	20,582
Tianma Microelectronics Company, Ltd., Class A	10,200	15,216
Tianneng Power International, Ltd. (B)	78,000	84,635
Tianyun International Holdings, Ltd. (A)(D)	54,000	9,476
Times China Holdings, Ltd. (B)	28,000	9,323
Titan Wind Energy Suzhou Company, Ltd., Class A	12,700	31,453
Tong Ren Tang Technologies Company, Ltd., H Shares	62,000	52,163
Tongcheng Travel Holdings, Ltd. (A)	28,800	62,269

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
TongFu Microelectronics Company, Ltd., Class A (A)	7,500	\$ 17,292
Tongkun Group Company, Ltd., Class A	12,900	30,685
Tongling Nonferrous Metals Group Company, Ltd., Class A	72,500	35,430
Topsec Technologies Group, Inc., Class A	7,000	10,640
Transfar Zhilian Company, Ltd., Class A	16,500	15,882
TravelSky Technology, Ltd., H Shares	4,000	7,800
Trigiant Group, Ltd. (A)	158,000	9,495
Trip.com Group, Ltd. (A)	750	20,753
Trip.com Group, Ltd., ADR (A)	35,226	966,954
Uni-President China Holdings, Ltd.	120,000	103,189
Unisplendour Corp., Ltd., Class A (A)	11,600	33,693
Universal Scientific Industrial Shanghai Company, Ltd., Class A	10,400	22,351
Valiant Company, Ltd., Class A	3,500	10,924
Viomi Technology Company, Ltd., ADR (A)	4,620	7,946
Vipshop Holdings, Ltd., ADR (A)	43,158	426,833
VNET Group, Inc., ADR (A)	7,345	44,364
Wangsu Science & Technology Company, Ltd., Class A	23,700	19,030
Want Want China Holdings, Ltd.	45,000	39,243
Wanxiang Qianchao Company, Ltd., Class A	23,700	21,065
Wasu Media Holding Company, Ltd., Class A	8,900	10,616
Weibo Corp., ADR (A)	2,144	49,591
Weichai Power Company, Ltd., H Shares	193,000	307,372
Weifu High-Technology Group Company, Ltd., Class A	4,400	12,673
Weiqliao Textile Company, H Shares	73,500	17,390
Wens Foodstuffs Group Company, Ltd., Class A	15,000	47,764
West China Cement, Ltd.	298,000	37,697
Western Securities Company, Ltd., Class A	28,800	28,205
Wingtech Technology Company, Ltd., Class A	3,300	42,138
Wisdom Education International Holdings Company, Ltd.	122,000	4,416
Wolong Electric Group Company, Ltd., Class A	10,400	22,444
Wuchan Zhongda Group Company, Ltd., Class A (A)	41,000	31,471
Wuxi Taiji Industry Company, Ltd., Class A	16,400	18,112
XCMG Construction Machinery Company, Ltd., Class A	26,000	20,974
Xiabuxiabu Catering Management China Holdings Company, Ltd. (A)(C)	62,500	34,276
Xiamen C & D, Inc., Class A	9,700	18,954
Xiamen International Port Company, Ltd., H Shares	186,000	50,553
Xiamen ITG Group Corp, Ltd., Class A	18,100	20,321
Xiamen Tungsten Company, Ltd., Class A	6,100	19,749
Xiamen Xiangyu Company, Ltd., Class A	17,400	22,844
Xiaomi Corp., Class B (A)(C)	85,800	150,122
Xinfengming Group Company, Ltd., Class A	8,700	15,028
Xingda International Holdings, Ltd.	147,515	27,592
Xingfa Aluminium Holdings, Ltd.	29,000	36,064
Xinhua Winshare Publishing and Media Company, Ltd., H Shares	51,000	36,381
Xinjiang Goldwind Science & Technology Company, Ltd., H Shares	47,000	88,183



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Xinjiang Zhongtai Chemical Company, Ltd., Class A	8,100	\$ 9,402
Xinte Energy Company, Ltd., H Shares	14,400	43,206
Xinxing Ductile Iron Pipes Company, Ltd., Class A (A)	33,500	24,121
Xinyangfeng Agricultural Technology Company, Ltd., Class A	5,900	14,915
Xinyu Iron & Steel Company, Ltd., Class A	24,700	18,632
Xuji Electric Company, Ltd., Class A	5,200	14,954
Yangtze Optical Fibre and Cable Joint Stock Company, Ltd., H Shares (C)	15,500	26,689
Yankuang Energy Group Company, Ltd., H Shares	90,000	281,550
Yantai Jereh Oilfield Services Group Company, Ltd., Class A	2,300	13,849
YiChang HEC ChangJiang Pharmaceutical Company, Ltd., H Shares (A)(B)(C)	33,400	30,976
Yifan Pharmaceutical Company, Ltd., Class A (A)	5,200	10,869
Yintai Gold Company, Ltd., Class A	9,100	13,135
Yiren Digital, Ltd., ADR (A)	7,156	12,881
Yixintang Pharmaceutical Group Company, Ltd., Class A	2,200	7,535
Youngor Group Company, Ltd., Class A	10,400	10,313
YTO Express Group Company, Ltd., Class A	14,800	45,076
Yunda Holding Company, Ltd., Class A	10,700	27,317
Yunnan Aluminium Company, Ltd., Class A	16,200	23,904
Yunnan Baiyao Group Company, Ltd., Class A	6,160	55,633
Yunnan Copper Company, Ltd., Class A	10,000	17,027
Yunnan Tin Company, Ltd., Class A	5,500	13,807
Yutong Bus Company, Ltd., Class A	11,900	15,400
Zepp Health Corp., ADR	2,968	5,491
Zhaojin Mining Industry Company, Ltd., H Shares (A)	122,500	105,829
Zhejiang Century Huatong Group Company, Ltd., Class A (A)	30,600	22,122
Zhejiang China Commodities City Group Company, Ltd., Class A	28,122	23,440
Zhejiang Chint Electrics Company, Ltd., Class A	11,000	58,960
Zhejiang Dahua Technology Company, Ltd., Class A	14,900	36,628
Zhejiang Glass Company, Ltd., H Shares (A)(D)	162,000	0
Zhejiang Hailiang Company, Ltd., Class A	6,500	11,234
Zhejiang Hisoar Pharmaceutical Company, Ltd., Class A	12,100	12,541
Zhejiang Huace Film & Television Company, Ltd., Class A	11,400	8,503
Zhejiang Jiahua Energy Chemical Industry Company, Ltd., Class A	8,500	13,807
Zhejiang JIULI Hi-tech Metals Company, Ltd., Class A	6,300	15,081
Zhejiang Juhua Company, Ltd., Class A	8,900	17,535
Zhejiang Longsheng Group Company, Ltd., Class A	17,400	26,498
Zhejiang NHU Company, Ltd., Class A	14,400	49,088
Zhejiang Semir Garment Company, Ltd., Class A	15,300	13,560
Zhejiang Wanliyang Company, Ltd., Class A (A)	6,300	8,072

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Zhejiang Xianju Pharmaceutical Company, Ltd., Class A	10,900	\$ 16,007
Zhejiang Xinan Chemical Industrial Group Company, Ltd., Class A	6,860	22,237
Zhengzhou Coal Mining Machinery Group Company, Ltd., H Shares (B)	25,400	29,865
Zheshang Securities Company, Ltd., Class A	10,800	18,399
Zhong An Group, Ltd. (A)	409,000	15,203
Zhongji Innolight Company, Ltd., Class A	4,900	22,756
Zhongjin Gold Corp. Ltd., Class A	31,200	34,300
Zhongshan Broad Ocean Motor Company, Ltd., Class A	20,000	18,372
Zhou Hei Ya International Holdings Company, Ltd. (A)(C)	58,000	39,984
Zhuhai Huafa Properties Company, Ltd., Class A	26,900	30,453
Zhuzhou CRRC Times Electric Company, Ltd.	29,100	143,895
Zhuzhou Kibing Group Company, Ltd., Class A	18,700	35,757
Zibo Qixiang Tengda Chemical Company, Ltd., Class A (A)	11,900	14,442
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	90,800	48,601
ZTE Corp., H Shares	62,400	145,939
		54,411,544
<b>Colombia - 0.1%</b>		
Bancolombia SA	1,263	10,204
Cementos Argos SA	24,726	27,636
Grupo Argos SA	33,112	120,121
		157,961
<b>Czech Republic - 0.1%</b>		
CEZ AS	895	40,384
Komerční banka AS	5,968	168,957
Moneta Money Bank AS (C)	9,309	33,855
		243,196
<b>Greece - 0.2%</b>		
Alpha Services and Holdings SA (A)	115,077	101,657
Bank of Greece	667	10,523
Eurobank Ergasias Services and Holdings SA (A)	158,083	141,809
Fourlis Holdings SA	3,756	11,415
Hellenic Petroleum Holdings SA	4,654	30,831
LAMDA Development SA (A)	1,271	7,507
Motor Oil Hellas Corinth Refineries SA	3,190	59,439
Mytilineos SA	1,367	20,235
National Bank of Greece SA (A)	38,302	114,584
Piraeus Financial Holdings SA (A)	10,904	10,861
		508,861
<b>Hong Kong - 5.0%</b>		
AAG Energy Holdings, Ltd. (C)	68,000	11,840
Ajisen China Holdings, Ltd.	147,000	16,888
Anxin-China Holdings, Ltd. (A)(D)	1,648,000	0
APT Satellite Holdings, Ltd.	28,000	7,610
Asian Citrus Holdings, Ltd. (A)	249,000	3,714
Beijing Energy International Holding Company, Ltd. (A)	814,000	25,233
Beijing Enterprises Clean Energy Group, Ltd. (A)	600,000	5,894
Beijing Enterprises Holdings, Ltd.	58,500	207,994
Beijing Enterprises Water Group, Ltd.	532,000	160,504
Brilliance China Automotive Holdings, Ltd. (A)(D)	216,000	55,261

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
C C Land Holdings, Ltd.	125,126	\$ 32,454
C&D International Investment Group, Ltd.	15,260	41,295
CECEP COSTIN New Materials Group, Ltd. (A)(D)	348,000	0
CGN New Energy Holdings Company, Ltd.	150,000	70,752
China Aerospace International Holdings, Ltd.	190,000	11,265
China Aircraft Leasing Group Holdings, Ltd.	23,000	14,796
China Boton Group Company, Ltd. (A)	20,000	9,385
China Education Group Holdings, Ltd.	36,000	35,635
China Everbright Greentech, Ltd. (C)	114,000	31,393
China Everbright, Ltd.	76,000	71,612
China Fiber Optic Network System Group, Ltd. (A)(D)	150,800	5,381
China Foods, Ltd.	74,000	26,218
China Gas Holdings, Ltd.	254,000	393,223
China High Precision Automation Group, Ltd. (A)(D)	18,000	2,133
China High Speed Transmission Equipment Group Company, Ltd. (A)	45,000	26,768
China Jinmao Holdings Group, Ltd.	500,000	134,764
China Longevity Group Company, Ltd. (A)(D)	93,000	4,871
China Lumena New Materials Corp. (A)(B)(D)	50,900	0
China Merchants Land, Ltd. (A)	260,000	22,269
China Merchants Port Holdings Company, Ltd.	72,622	123,688
China New Town Development Company, Ltd. (A)	300,165	3,091
China Oil & Gas Group, Ltd. (A)	600,000	26,736
China Overseas Grand Oceans Group, Ltd.	191,500	102,183
China Overseas Land & Investment, Ltd.	361,000	1,148,328
China Resources Cement Holdings, Ltd.	282,000	189,990
China Resources Gas Group, Ltd.	86,000	400,882
China Resources Land, Ltd.	326,000	1,528,708
China South City Holdings, Ltd.	498,000	42,006
China Taiping Insurance Holdings Company, Ltd.	178,600	220,602
China Traditional Chinese Medicine Holdings Company, Ltd.	336,000	208,627
China Travel International Investment Hong Kong, Ltd. (A)	314,000	65,683
China Vast Industrial Urban Development Company, Ltd. (C)	36,000	10,293
Chu Kong Shipping Enterprises Group Company, Ltd.	26,000	3,191
CIMC Enric Holdings, Ltd.	70,000	75,279
CITIC Resources Holdings, Ltd.	488,000	32,525
Concord New Energy Group, Ltd.	690,000	68,596
COSCO SHIPPING International Hong Kong Company, Ltd.	59,625	16,556
COSCO SHIPPING Ports, Ltd.	167,235	118,267
Dawnrays Pharmaceutical Holdings, Ltd.	117,000	19,111
Digital China Holdings, Ltd.	73,000	36,304
Far East Horizon, Ltd.	183,000	153,721
GCL Technology Holdings, Ltd. (A)	792,000	383,959
Geely Automobile Holdings, Ltd.	441,000	1,010,045
Gemdale Properties & Investment Corp., Ltd.	778,000	70,427
Glorious Property Holdings, Ltd. (A)	88,000	1,980
Glory Sun Financial Group, Ltd. (A)(B)	612,000	3,631
Goldlion Holdings, Ltd.	36,000	6,503

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
Goldpac Group, Ltd.	46,000	\$ 9,287
Grand Pharmaceutical Group, Ltd.	86,000	49,867
Health & Happiness H&H International Holdings, Ltd.	24,500	32,399
Hi Sun Technology China, Ltd. (A)	240,000	30,003
Hopson Development Holdings, Ltd.	91,256	139,106
Hua Han Health Industry Holdings, Ltd. (A)(D)	880,000	23,775
IMAX China Holding, Inc. (C)	7,000	7,077
Jinchuan Group International Resources Company, Ltd.	127,000	16,708
Joy City Property, Ltd. (A)	328,000	12,535
Ju Teng International Holdings, Ltd.	130,000	24,586
Kingboard Holdings, Ltd.	77,130	292,496
Kingboard Laminates Holdings, Ltd.	96,500	119,244
Kunlun Energy Company, Ltd.	380,000	311,619
Lee & Man Paper Manufacturing, Ltd.	129,000	55,446
Lee's Pharmaceutical Holdings, Ltd.	54,000	13,771
Lifestyle China Group, Ltd. (A)	42,000	4,351
LVGEM China Real Estate Investment Company, Ltd. (A)	60,000	9,301
Min Xin Holdings, Ltd.	24,000	10,369
Mingyuan Medicare Development Company, Ltd. (A)(D)	1,300,000	0
Minmetals Land, Ltd.	118,000	10,650
New World Department Store China, Ltd. (A)	34,000	5,178
Nine Dragons Paper Holdings, Ltd.	185,000	156,847
Overseas Chinese Town Asia Holdings, Ltd. (A)	52,000	7,871
PAX Global Technology, Ltd.	84,000	65,481
Poly Property Group Company, Ltd.	266,453	64,359
Pou Sheng International Holdings, Ltd.	223,000	25,265
Prinx Chengshan Holdings, Ltd.	18,000	16,581
Shanghai Industrial Holdings, Ltd.	37,000	53,567
Shanghai Industrial Urban Development Group, Ltd.	359,400	30,683
Shenzhen International Holdings, Ltd.	135,199	133,257
Shenzhen Investment, Ltd.	373,271	74,384
Shimao Group Holdings, Ltd. (B)(D)	150,000	76,044
Shoucheng Holdings, Ltd.	128,000	19,273
Shougang Fushan Resources Group, Ltd.	272,565	113,197
Silver Grant International Holdings Group, Ltd. (A)	160,000	8,119
Sinofert Holdings, Ltd. (A)	300,000	44,016
Sinopec Kantons Holdings, Ltd.	124,000	42,595
Skyworth Group, Ltd.	175,190	86,946
SSY Group, Ltd.	138,000	73,902
Sun Art Retail Group, Ltd.	95,500	31,165
Symphony Holdings, Ltd.	20,000	2,731
TCL Electronics Holdings, Ltd. (A)	114,600	54,232
The Wharf Holdings, Ltd.	99,000	360,769
Tian An China Investment Company, Ltd.	54,000	27,973
Tianjin Port Development Holdings, Ltd.	478,000	39,870
Tomson Group, Ltd.	45,714	11,135
Tongda Group Holdings, Ltd. (A)	885,000	17,078
Truly International Holdings, Ltd.	88,000	27,054
United Energy Group, Ltd. (B)	542,000	64,772
Vinda International Holdings, Ltd.	39,000	100,037
Wasion Holdings, Ltd.	90,000	29,597
Yuexiu Property Company, Ltd.	165,908	213,195
		10,749,827
<b>Hungary - 0.2%</b>		
MOL Hungarian Oil & Gas PLC	53,879	416,778

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hungary (continued)</b>		
OTP Bank NYRT	1,008	\$ 22,615
		439,393
<b>India - 14.0%</b>		
ACC, Ltd.	5,847	157,989
Adani Enterprises, Ltd.	2,169	60,348
Adani Green Energy, Ltd. (A)	3,790	93,092
Adani Total Gas, Ltd. (A)	1,936	58,939
Adani Transmission, Ltd. (A)	9,644	303,355
Aditya Birla Capital, Ltd. (A)	55,560	63,244
Alembic Pharmaceuticals, Ltd.	4,559	42,061
Allcargo Logistics, Ltd.	10,467	35,148
Amara Raja Batteries, Ltd.	4,664	27,155
Ambuja Cements, Ltd.	55,925	257,969
Andhra Sugars, Ltd.	6,880	10,762
Apar Industries, Ltd.	1,121	13,117
Apollo Tyres, Ltd.	28,578	67,145
Arvind Fashions, Ltd. (A)	4,879	15,761
Arvind, Ltd. (A)	12,009	13,907
Ashoka Buildcon, Ltd. (A)	22,051	20,708
Aster DM Healthcare, Ltd. (A)(C)	8,448	19,097
Astra Microwave Products, Ltd.	3,553	8,849
Aurobindo Pharma, Ltd.	33,905	220,246
Axis Bank, Ltd.	172,581	1,393,748
Axis Bank, Ltd., GDR (A)	310	12,494
Bajaj Consumer Care, Ltd.	6,744	11,815
Bajaj Holdings & Investment, Ltd.	2,773	159,436
Balmer Lawrie & Company, Ltd.	11,041	15,196
Balrampur Chini Mills, Ltd.	17,968	81,946
Bandhan Bank, Ltd. (C)	32,073	107,429
Bank of Baroda	88,922	110,671
Bank of India (A)	19,819	11,146
Bharat Dynamics, Ltd.	1,195	10,297
Bharat Electronics, Ltd.	59,808	176,844
Bharat Heavy Electricals, Ltd. (A)	72,839	41,606
Birla Corp., Ltd.	2,709	29,980
Birlasoft, Ltd.	4,632	20,945
Bombay Burmah Trading Company	1,557	17,923
BSE, Ltd.	2,172	16,457
Can Fin Homes, Ltd.	2,623	14,283
Canara Bank	21,738	50,069
Ceat, Ltd.	2,623	31,117
Century Enka, Ltd.	1,383	7,424
Century Textiles & Industries, Ltd.	2,062	21,279
Chambal Fertilizers & Chemicals, Ltd.	19,376	65,496
Chennai Super Kings Cricket, Ltd. (A)(D)	207,315	5,907
Cholamandalam Financial Holdings, Ltd.	7,288	54,096
Cipla, Ltd.	35,701	414,067
City Union Bank, Ltd.	27,005	45,950
Cochin Shipyard, Ltd. (C)	2,163	8,505
Container Corp. of India, Ltd.	14,589	109,808
Cosmo Films, Ltd.	1,579	19,920
CreditAccess Grameen, Ltd. (A)	1,190	15,208
CSB Bank, Ltd. (A)	2,395	5,899
Cyient, Ltd.	5,147	49,462
Dalmia Bharat, Ltd.	3,913	63,702
DB Corp., Ltd.	6,129	5,834
DCB Bank, Ltd.	23,624	22,292
DCM Shriram, Ltd.	3,740	44,807
Deepak Fertilisers & Petrochemicals Corp., Ltd.	2,609	19,804
Delta Corp., Ltd.	4,521	9,622
Dhampur Bio Organics, Ltd. (A)(D)	2,503	1,306
Dhampur Sugar Mills, Ltd.	2,503	6,770
Dilip Buildcon, Ltd. (C)	1,316	3,186
Dish TV India, Ltd. (A)	48,852	7,967

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Dishman Carbogen Amcis, Ltd. (A)	5,361	\$ 7,710
DLF, Ltd.	40,228	160,212
Edelweiss Financial Services, Ltd.	46,814	30,607
EID Parry India, Ltd.	12,265	82,278
Electrosteel Castings, Ltd.	35,427	14,063
Engineers India, Ltd.	11,471	8,304
EPL, Ltd.	5,477	10,393
Equitas Small Finance Bank, Ltd. (A)(C)	13,945	6,944
Exide Industries, Ltd.	26,285	45,878
FDC, Ltd. (A)	2,601	7,845
Federal Bank, Ltd.	191,615	221,173
Filatex India, Ltd.	12,883	15,150
Finolex Cables, Ltd.	3,327	15,771
Finolex Industries, Ltd.	25,360	43,879
Firstsource Solutions, Ltd.	16,189	21,182
Fortis Healthcare, Ltd. (A)	10,064	30,474
Gabriel India, Ltd.	6,164	10,037
GAIL India, Ltd.	191,335	327,665
General Insurance Corp. of India (C)	8,025	11,649
GHCL, Ltd.	6,390	45,699
Glenmark Pharmaceuticals, Ltd.	13,855	67,725
Godawari Power & Ispat, Ltd.	4,899	15,656
Godfrey Phillips India, Ltd.	603	8,085
Godrej Industries, Ltd. (A)	2,755	15,148
Granules India, Ltd.	18,738	65,048
Graphite India, Ltd.	3,611	17,994
Grasim Industries, Ltd.	23,906	399,858
Gujarat Alkalies & Chemicals, Ltd.	3,130	27,325
Gujarat Ambuja Exports, Ltd.	15,021	53,773
Gujarat Fluorochemicals, Ltd.	2,910	103,250
Gujarat Narmada Valley Fertilizers & Chemicals, Ltd.	10,255	74,550
Gujarat Pipavav Port, Ltd.	15,449	14,890
Gujarat State Fertilizers & Chemicals, Ltd.	6,962	11,623
Gujarat State Petronet, Ltd.	26,721	74,913
Hathway Cable & Datacom, Ltd. (A)	35,580	7,391
Hero MotoCorp, Ltd.	6,888	239,195
HIL, Ltd.	308	13,906
Himadri Speciality Chemical, Ltd.	24,869	18,817
Hindalco Industries, Ltd.	148,861	640,147
Hinduja Global Solutions, Ltd.	418	5,629
Hindustan Aeronautics, Ltd.	1,878	41,966
Housing Development Finance Corp., Ltd.	36,835	1,011,240
ICICI Bank, Ltd.	196,478	1,762,647
ICICI Bank, Ltd., ADR	8,648	153,416
IDFC First Bank, Ltd. (A)	126,067	50,572
IDFC, Ltd.	92,305	57,990
IIFL Securities, Ltd.	28,932	25,694
Indiabulls Housing Finance, Ltd. (A)	33,338	40,170
Indiabulls Real Estate, Ltd. (A)	28,092	21,827
Indian Bank	13,953	26,762
Indian Overseas Bank (A)	71,034	14,867
Indian Railway Finance Corp., Ltd. (C)	56,808	14,192
Indo Count Industries, Ltd.	3,259	5,409
Indus Towers, Ltd.	47,035	125,174
IndusInd Bank, Ltd.	26,682	269,144
Infibeam Avenues, Ltd.	35,348	6,183
Info Edge India, Ltd.	1,728	83,218
IOL Chemicals and Pharmaceuticals, Ltd.	1,292	5,311
IRCON International, Ltd. (C)	17,211	7,878
Jagran Prakashan, Ltd. (A)	12,700	8,091
Jindal Poly Films, Ltd.	1,066	13,359
Jindal Saw, Ltd.	29,627	29,697
Jindal Stainless Hisar, Ltd. (A)	4,742	12,311
Jindal Stainless, Ltd. (A)	11,232	14,225

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Jindal Steel & Power, Ltd.	52,794	\$ 219,135
JK Lakshmi Cement, Ltd.	2,089	11,099
JK Paper, Ltd.	7,330	27,608
JK Tyre & Industries, Ltd.	8,887	11,481
JM Financial, Ltd.	33,116	25,921
JSW Energy, Ltd.	27,462	72,522
JSW Steel, Ltd.	84,341	601,954
Jubilant Pharmova, Ltd.	11,603	49,988
Jyothy Labs, Ltd.	5,194	9,858
Kalpataru Power Transmission, Ltd.	9,196	41,462
Kalyani Steels, Ltd.	2,643	9,489
Kaveri Seed Company, Ltd.	1,661	10,695
KEC International, Ltd.	3,954	19,535
Kiri Industries, Ltd. (A)	2,637	15,745
Kirloskar Ferrous Industries, Ltd.	4,164	10,260
Kirloskar Oil Engines, Ltd.	3,612	6,147
KNR Constructions, Ltd.	5,559	16,464
Kolte-Patil Developers, Ltd. (A)	3,028	8,328
KPIT Technologies, Ltd.	10,061	66,095
KPR Mill, Ltd.	11,977	78,725
KRBL, Ltd.	2,618	7,216
L&T Finance Holdings, Ltd. (A)	74,021	63,554
Larsen & Toubro, Ltd.	51,797	1,025,336
LG Balakrishnan & Bros, Ltd.	1,757	13,270
LIC Housing Finance, Ltd.	39,247	162,654
LT Foods, Ltd.	11,217	10,727
Lupin, Ltd.	23,401	180,701
Maharashtra Seamless, Ltd.	4,212	33,545
Mahindra & Mahindra Financial Services, Ltd.	48,327	107,276
Mahindra & Mahindra, Ltd.	70,868	982,789
Mahindra CIE Automotive, Ltd.	17,673	52,112
Mahindra Lifespace Developers, Ltd. (A)	10,389	53,752
Maithan Alloys, Ltd.	902	9,158
Manappuram Finance, Ltd.	27,778	29,999
Marksans Pharma, Ltd.	15,357	8,448
Meghmani Organics, Ltd.	9,521	15,052
Mishra Dhatu Nigam, Ltd. (C)	4,126	8,545
MOIL, Ltd.	12,580	22,384
MRF, Ltd.	176	157,287
Muthoot Finance, Ltd.	915	11,364
National Aluminium Company, Ltd.	84,797	74,090
Nava Bharat Ventures, Ltd.	8,719	19,556
Navneet Education, Ltd.	6,921	8,244
NCC, Ltd.	25,675	17,650
NESCO, Ltd.	1,859	13,026
NIIT, Ltd.	6,437	33,832
Nilkamal, Ltd.	695	16,936
NMDC, Ltd.	47,542	65,231
NOCIL, Ltd.	7,663	24,492
Oberoi Realty, Ltd.	9,314	86,495
Omaxe, Ltd. (A)	5,567	5,985
Orient Cement, Ltd.	11,282	16,671
PCBL, Ltd.	15,470	20,588
Persistent Systems, Ltd.	3,133	135,899
Petronet LNG, Ltd.	68,687	187,348
Piramal Enterprises, Ltd.	7,847	166,052
PNB Housing Finance, Ltd. (A)(C)	3,409	14,177
PNC Infratech, Ltd.	5,394	16,534
Polyplex Corp., Ltd.	2,563	71,585
Power Finance Corp., Ltd.	90,707	120,206
Prestige Estates Projects, Ltd.	20,468	100,542
Pricol, Ltd. (A)	6,161	10,205
PTC India, Ltd.	31,315	30,299
Punjab National Bank	97,317	35,858

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Quess Corp., Ltd. (C)	1,882	\$ 14,736
Rain Industries, Ltd.	22,684	42,308
Rajesh Exports, Ltd.	8,931	70,515
Rallis India, Ltd.	6,940	16,552
Ramco Industries, Ltd. (A)	4,270	9,437
Ramkrishna Forgings, Ltd.	5,365	11,011
Rashtriya Chemicals & Fertilizers, Ltd.	10,276	10,165
Raymond, Ltd.	2,380	26,417
RBL Bank, Ltd. (A)(C)	21,550	22,842
REC, Ltd.	89,160	140,171
Redington India, Ltd.	76,545	122,445
Reliance Industries, Ltd. (A)	21,228	699,140
Reliance Industries, Ltd., GDR (A)(C)	87,194	5,700,470
Reliance Power, Ltd. (A)	176,129	25,946
RITES, Ltd.	3,302	9,859
RPSG Ventures, Ltd. (A)	849	5,325
Sangam India, Ltd.	1,995	6,873
Sarda Energy & Minerals, Ltd.	297	3,053
Sharda Cropchem, Ltd.	2,311	18,536
Shilpa Medicare, Ltd.	3,711	18,262
Shipping Corp. of India, Ltd.	14,077	17,372
Shriram City Union Finance, Ltd.	2,480	52,172
Shriram Transport Finance Company, Ltd.	15,498	250,620
Siyaram Silk Mills, Ltd.	1,656	10,701
Sobha, Ltd.	4,273	31,252
State Bank of India	114,368	677,827
State Bank of India, GDR	2,534	147,666
Steel Authority of India, Ltd.	106,244	92,744
Strides Pharma Science, Ltd.	2,675	11,194
Sun Pharmaceutical Industries, Ltd.	54,244	571,608
Sun TV Network, Ltd.	7,964	42,071
Sundaram Finance, Ltd.	276	6,168
Sundaram-Clayton, Ltd.	444	24,428
Sutlej Textiles & Industries, Ltd.	9,372	7,588
Tata Chemicals, Ltd.	13,942	140,527
Tata Coffee, Ltd.	3,872	9,524
Tata Consumer Products, Ltd.	31,789	284,587
Tata Motors, Ltd. (A)	170,575	887,477
Tata Steel, Ltd.	58,310	641,031
Techno Electric & Engineering Company, Ltd.	7,028	25,497
The Great Eastern Shipping Company, Ltd.	12,279	61,223
The India Cements, Ltd.	20,619	41,000
The Jammu & Kashmir Bank, Ltd. (A)	20,576	6,624
The Karnataka Bank, Ltd.	33,585	27,755
The Karur Vysya Bank, Ltd.	24,026	13,704
The Ramco Cements, Ltd. (A)	6,862	55,457
The South Indian Bank, Ltd. (A)	134,442	12,965
Thirumalai Chemicals, Ltd.	3,185	9,958
Time Technoplast, Ltd.	13,461	17,466
Transport Corp. of India, Ltd.	3,182	27,076
Trident, Ltd.	97,805	48,336
Triveni Engineering & Industries, Ltd.	5,573	16,721
TV Today Network, Ltd.	1,470	4,737
TV18 Broadcast, Ltd. (A)	57,635	28,405
Uflex, Ltd.	5,261	38,747
Unichem Laboratories, Ltd.	4,453	13,727
Union Bank of India, Ltd.	37,368	16,268
UPL, Ltd.	42,377	340,918
Usha Martin, Ltd. (A)	9,317	14,440
VA Tech Wabag, Ltd. (A)	3,621	10,833
Vardhman Textiles, Ltd.	16,115	54,327
Varroc Engineering, Ltd. (A)(C)	2,965	11,244
Vedanta, Ltd.	43,705	123,836
Vodafone Idea, Ltd. (A)	275,824	29,526

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Welspun Corp., Ltd.	14,025	\$ 38,917
Welspun Enterprises, Ltd.	9,451	11,734
Welspun India, Ltd.	27,184	24,143
West Coast Paper Mills, Ltd.	3,023	13,082
Wipro, Ltd.	94,140	497,733
Wockhardt, Ltd. (A)	5,480	14,499
Yes Bank, Ltd. (A)	49,153	7,894
Yes Bank, Ltd., Lock-In Shares (E)	147,461	21,662
Zee Entertainment Enterprises, Ltd.	63,894	173,931
Zee Media Corp., Ltd. (A)	54,429	9,660
Zensar Technologies, Ltd.	8,726	30,382
Zydyus Wellnes, Ltd.	386	8,020
		29,946,032
<b>Indonesia - 2.0%</b>		
Adaro Energy Indonesia Tbk PT	1,772,000	341,258
Adhi Karya Persero Tbk PT (A)	235,600	12,184
Alam Sutera Realty Tbk PT (A)	1,741,800	19,783
Astra Agro Lestari Tbk PT	49,555	32,619
Astra International Tbk PT	1,140,800	508,416
Bakrie Telecom Tbk PT (A)(D)	17,557,300	29,464
Bank Capital Indonesia Tbk PT (A)	638,900	6,090
Bank Mandiri Persero Tbk PT	940,540	502,263
Bank Negara Indonesia Persero Tbk PT	548,981	289,993
Bank Pan Indonesia Tbk PT (A)	695,197	78,858
Bank Pembangunan Daerah Jawa Barat Dan Banten Tbk PT	303,812	28,051
Bank Pembangunan Daerah Jawa Timur Tbk PT	625,600	31,084
Bank Tabungan Negara Persero Tbk PT	376,361	36,826
Bekasi Fajar Industrial Estate Tbk PT (A)	817,800	6,808
BISI International Tbk PT	290,800	32,409
Blue Bird Tbk PT	5,500	620
Buana Lintas Lautan Tbk PT (A)	1,186,800	12,342
Bukit Asam Tbk PT	380,100	97,602
Bumi Serpong Damai Tbk PT (A)	499,400	30,549
Ciputra Development Tbk PT	1,290,744	74,553
Delta Dunia Makmur Tbk PT (A)	610,700	14,264
Elnusa Tbk PT	742,600	15,042
Erajaya Swasembada Tbk PT	1,113,500	39,311
Gudang Garam Tbk PT	32,400	67,834
Indah Kiat Pulp & Paper Tbk PT	279,700	142,966
Indika Energy Tbk PT (A)	225,300	35,202
Indo Tambangraya Megah Tbk PT	34,600	71,379
Indocement Tunggul Prakarsa Tbk PT	110,800	70,584
Indofood Sukses Makmur Tbk PT	483,100	228,828
Intiland Development Tbk PT (A)	1,316,300	12,643
Japfa Comfeed Indonesia Tbk PT	499,770	51,726
Jaya Real Property Tbk PT	215,500	6,942
Kawasan Industri Jababeka Tbk PT (A)	2,384,099	26,408
Krakatau Steel Persero Tbk PT (A)	733,900	17,442
Link Net Tbk PT (A)	58,200	18,244
Lippo Karawaci Tbk PT (A)	4,020,148	30,236
Malindo Feedmill Tbk PT (A)	128,500	5,268
Medco Energi Internasional Tbk PT (A)	1,194,526	50,885
Media Nusantara Citra Tbk PT	718,600	45,164
Mitra Adiperkasa Tbk PT (A)	332,600	21,906
MNC Vision Networks Tbk PT (A)	614,600	4,693
Multipolar Tbk PT (A)	1,981,400	20,729
Pabrik Kertas Tjiwi Kimia Tbk PT	101,200	43,873
Panin Financial Tbk PT (A)	949,400	27,277
Paninvest Tbk PT (A)	116,800	6,747
Perusahaan Perkebunan London Sumatra Indonesia Tbk PT	318,000	24,780
PP Persero Tbk PT (A)	292,600	18,594
Puradelta Lestari Tbk PT	1,584,700	17,023

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Indonesia (continued)</b>		
Ramayana Lestari Sentosa Tbk PT	463,200	\$ 18,209
Salim Ivomas Pratama Tbk PT	670,100	21,342
Semen Indonesia Persero Tbk PT	259,300	124,228
Siloam International Hospitals Tbk PT	295,200	19,822
Sri Rejeki Isman Tbk PT (A)(D)	1,260,900	12,357
Summarecon Agung Tbk PT (A)	627,000	24,051
Suryainti Permata Tbk PT (A)(D)	1,446,000	0
Timah Tbk PT	210,500	20,468
Truba Alam Manunggal Engineering PT (A)(D)	11,991,500	0
Tunas Baru Lampung Tbk PT	484,800	25,719
United Tractors Tbk PT	192,700	368,021
Vale Indonesia Tbk PT (A)	188,500	71,733
Waskita Karya Persero Tbk PT (A)	1,292,356	47,827
Wijaya Karya Persero Tbk PT (A)	349,400	22,783
XL Axiata Tbk PT	403,300	70,546
		4,154,868
<b>Malaysia - 1.7%</b>		
Aeon Company M BHD	28,600	8,571
AFFIN Bank BHD	92,555	39,509
Alliance Bank Malaysia BHD (B)	102,300	73,843
AMMB Holdings BHD	158,262	134,019
Bank Islam Malaysia BHD	49,400	30,047
Batu Kawan BHD	3,100	16,236
Berjaya Assets BHD (A)	77,400	5,185
Berjaya Corp. BHD (A)(B)	439,496	23,407
Berjaya Land BHD (A)	244,400	11,644
Boustead Holdings BHD (A)	116,088	19,383
Bumi Armada BHD (A)	163,800	14,293
Cahaya Mata Sarawak BHD	52,100	11,595
CIMB Group Holdings BHD	481,076	541,366
Cypark Resources BHD (A)	54,200	4,247
Dayang Enterprise Holdings BHD	83,900	18,453
DRB-Hicom BHD	93,400	25,452
Eco World Development Group BHD	84,300	12,736
Ekovest BHD (A)	146,600	13,145
FGV Holdings BHD	33,400	11,062
Gamuda BHD	139,256	113,316
Genting BHD	138,000	142,303
Genting Malaysia BHD	122,200	78,867
Genting Plantations BHD	22,400	32,788
Hengyuan Refining Company BHD (A)	28,800	31,645
Hibiscus Petroleum BHD	171,900	38,882
Hong Leong Financial Group BHD	23,399	98,234
IJM Corp. BHD	239,060	93,927
Insas BHD	88,369	15,577
IOI Properties Group BHD	72,700	16,505
JAKS Resources BHD (A)	177,060	11,047
Jaya Tiasa Holdings BHD (A)	58,826	8,479
Keck Seng Malaysia BHD	11,300	9,075
KNM Group BHD (A)(B)	571,500	16,185
Land & General BHD	437,820	10,482
Lotte Chemical Titan Holding BHD (C)	30,231	13,517
Magnum BHD	110,314	41,849
Mah Sing Group BHD	192,300	26,202
Malayan Banking BHD	307,746	599,782
Malaysia Airports Holdings BHD (A)	36,700	54,943
Malaysia Building Society BHD	190,704	25,124
Malaysian Resources Corp. BHD	207,000	16,468
Matrix Concepts Holdings BHD	17,400	9,322
MBM Resources BHD	11,400	8,279
Mega First Corp. BHD	12,600	9,979
MISC BHD	91,800	147,912
MKH BHD	49,230	13,519
MNRB Holdings BHD	36,891	8,185

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Malaysia (continued)</b>		
Muhibbah Engineering M BHD (A)	103,950	\$ 11,916
Oriental Holdings BHD	35,720	53,686
OSK Holdings BHD	111,397	22,006
Pos Malaysia BHD (A)	30,900	3,853
PPB Group BHD	30,500	109,806
RHB Bank BHD	149,003	193,731
Sapura Energy BHD (A)	1,155,500	11,719
Sarawak Oil Palms BHD	7,800	7,100
Sime Darby BHD	307,400	148,731
Sime Darby Property BHD	271,300	27,732
SP Setia BHD Group	173,900	26,852
Sunway BHD	140,407	54,190
Supermax Corp. BHD	40,500	8,052
Tan Chong Motor Holdings BHD	6,300	1,615
Tropicana Corp. BHD (A)	161,380	35,157
UEM Edgenta BHD	32,900	9,781
UEM Sunrise BHD (A)	372,300	26,240
UMW Holdings BHD	48,800	34,358
United Malacca BHD	11,900	14,844
UOA Development BHD	117,500	45,080
Velesto Energy BHD (A)	428,800	10,204
WCT Holdings BHD	194,483	19,915
Yinson Holdings BHD	74,200	33,678
YNH Property BHD (A)	34,619	26,067
YTL Corp. BHD	536,837	71,282
		3,714,181
<b>Mexico - 2.3%</b>		
Alfa SAB de CV, Class A	370,181	263,238
Alpek SAB de CV	49,200	67,722
Arca Continental SAB de CV	25,987	171,394
Banco del Bajío SA (C)	68,070	136,990
Cemex SAB de CV, Series CPO (A)	730,985	285,349
Coca-Cola Femsa SAB de CV	23,422	129,832
Consortio ARA SAB de CV	25,993	4,511
Corp. Actinver SAB de CV	16,024	9,849
El Puerto de Liverpool SAB de CV, Series C1	11,379	49,269
Fomento Economico Mexicano SAB de CV	34,280	231,374
GCC SAB de CV	14,906	92,351
Genomma Lab Internacional SAB de CV, Class B (B)	28,340	28,411
Genera SAB de CV	115,192	92,511
Grupo Carso SAB de CV, Series A1	27,578	102,045
Grupo Comercial Chedraui SA de CV	24,906	67,351
Grupo Financiero Banorte SAB de CV, Series O	111,883	625,359
Grupo Financiero Inbursa SAB de CV, Series O (A)(B)	109,971	175,980
Grupo KUO SAB de CV, Series B	42,698	88,222
Grupo Mexico SAB de CV, Series B	182,153	759,156
Grupo Pochteca SAB de CV (A)	9,600	3,819
Grupo Sanborns SAB de CV (A)	95,919	100,167
Grupo Televisa SAB, Series CPO	202,588	331,946
Industrias Bachoco SAB de CV, Series B	14,121	50,580
Industrias CH SAB de CV, Series B (A)	18,800	206,646
Industrias Penoles SAB de CV	8,071	74,856
La Comer SAB de CV	16,584	30,291
Megacable Holdings SAB de CV, Series CPO	40,664	98,720
Minera Frisco SAB de CV, Series A1 (A)	168,003	24,646
Nemak SAB de CV (A)(C)	159,261	31,679
Orbia Advance Corp. SAB de CV	73,770	173,149
Organizacion Cultiba SAB de CV (A)	17,095	8,926

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Mexico (continued)</b>		
Organizacion Soriana SAB de CV, Series B	190,849	\$ 209,740
Promotora y Operadora de Infraestructura SAB de CV	13,125	96,505
Promotora y Operadora de Infraestructura SAB de CV, L Shares	3,141	12,808
Unifin Financiera SAB de CV (A)(B)	32,326	27,665
Vista Energy SAB de CV, ADR (A)	1,887	13,945
Vitro SAB de CV, Series A (A)	6,357	6,891
		4,883,893
<b>Panama - 0.0%</b>		
BAC Holding International Corp. (A)	76,550	5,034
<b>Philippines - 0.7%</b>		
AC Energy Corp.	30,450	4,456
Alliance Global Group, Inc.	232,800	37,255
Ayala Corp.	10,150	110,878
Ayala Land, Inc.	44,200	20,545
Bank of the Philippine Islands	74,260	114,535
BDO Unibank, Inc.	117,697	236,792
China Banking Corp.	75,528	36,960
Cosco Capital, Inc.	388,900	30,509
DMCI Holdings, Inc.	207,300	33,271
East West Banking Corp.	74,300	9,461
EEl Corp. (A)	43,000	2,776
Filinvest Development Corp.	119,475	15,239
Filinvest Land, Inc.	937,500	15,012
First Philippine Holdings Corp.	29,660	32,675
Global Ferronickel Holdings, Inc.	283,424	12,381
GT Capital Holdings, Inc.	4,619	41,129
JG Summit Holdings, Inc.	157,922	139,845
LT Group, Inc.	159,800	23,571
Megaworld Corp.	839,700	33,033
Metropolitan Bank & Trust Company	130,973	113,935
Petron Corp. (A)	289,400	15,959
Philex Mining Corp.	161,300	10,043
Philippine National Bank (A)	65,310	21,131
Piltown Properties, Inc. (A)(D)	3,844	108
Phoenix Petroleum Philippines, Inc. (A)	22,200	4,038
PNB Holdings Corp. (A)(D)	10,246	59
Premium Leisure Corp.	815,000	5,937
Puregold Price Club, Inc.	51,100	27,988
RFM Corp.	133,500	9,662
Rizal Commercial Banking Corp.	62,703	22,126
Robinsons Land Corp.	247,568	77,694
Robinsons Retail Holdings, Inc.	16,680	15,306
San Miguel Corp.	46,220	90,740
Security Bank Corp.	27,730	46,147
Top Frontier Investment Holdings, Inc. (A)	18,024	38,167
Union Bank of the Philippines	69,628	96,030
Vista Land & Lifescapes, Inc.	569,000	20,518
		1,565,911
<b>Poland - 0.7%</b>		
Alior Bank SA (A)	7,988	48,900
Asseco Poland SA	3,190	53,848
Bank Handlowy w Warszawie SA	1,136	14,283
Bank Millennium SA (A)	47,314	41,179
Ciech SA (A)	2,826	23,720
Cyfrowy Polsat SA	12,426	58,862
Develia SA	22,340	11,456
Enea SA (A)	19,073	41,574
Famur SA (A)	24,204	14,837
Grupa Azoty SA (A)	4,728	47,575
Grupa Lotos SA	8,464	130,644
Jastrzebska Spolka Weglowa SA (A)	3,425	49,027

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Poland (continued)</b>		
KGHM Polska Miedz SA (A)	8,442	\$ 225,552
Lubelski Wegiel Bogdanka SA (A)	2,164	27,474
mBank SA (A)	914	46,129
PGE Polska Grupa Energetyczna SA (A)	66,331	158,374
PKP Cargo SA (A)	5,709	13,753
Polski Koncern Naftowy ORLEN SA	26,787	411,329
Santander Bank Polska SA	344	17,929
Stalexport Autostrady SA	15,820	10,755
Tauron Polska Energia SA (A)	90,488	69,805
		1,517,005
<b>Qatar - 0.9%</b>		
Aamal Company	210,501	62,172
Al Khaleej Takaful Group QSC	11,244	10,067
Aljarah Holding Company QPSC (A)	77,548	17,255
Baladna	72,138	33,655
Barwa Real Estate Company	175,600	161,225
Commercial Bank PSQC	159,025	299,389
Doha Bank QPSC	139,323	99,567
Doha Insurance Company QSC	25,407	14,576
Gulf International Services QSC (A)	102,379	58,436
Gulf Warehousing Company	19,525	21,914
Mannai Corp. QSC	5,422	12,493
Masraf Al Rayan QSC	133,113	151,123
Medicare Group	9,515	18,303
Mesaieed Petrochemical Holding Company	223,749	153,122
Ooredoo QPSC	80,019	169,188
Qatar Aluminum Manufacturing Company	18,852	8,806
Qatar Fuel QSC	33,540	164,367
Qatar Gas Transport Company, Ltd.	22,479	23,121
Qatar Insurance Company SAQ	100,863	66,595
Qatar National Cement Company QSC	23,781	33,367
Qatar Navigation QSC	41,293	95,374
Salam International Investment, Ltd., QSC (A)	94,802	22,475
United Development Company QSC	177,150	67,676
Vodafone Qatar QSC	145,471	63,566
		1,827,832
<b>Russia - 0.1%</b>		
Gazprom PJSC, ADR (London Stock Exchange) (D)	196,506	83,908
LUKOIL PJSC, ADR (D)	16,379	66,204
Rosneft Oil Company PJSC, GDR (London Stock Exchange) (D)	1,686	585
RusHydro PJSC, ADR (D)	52,278	1,934
VTB Bank PJSC, GDR (D)	86,297	1,467
		154,098
<b>Saudi Arabia - 3.6%</b>		
Al Babbain Power & Telecommunication Company	2,665	16,233
Al Jouf Cement Company (A)	7,491	20,253
Al Khaleej Training and Education Company (A)	2,292	8,798
AlAbdullatif Industrial Investment Company (A)	1,743	8,242
Al-EtiHAD Cooperative Insurance Company (A)	3,266	15,224
AlJazira Takaful Ta'awuni Company (A)	2,192	9,484
Allianz Saudi Fransi Cooperative Insurance Company (A)	1,628	7,134
Arab National Bank	43,307	341,355
Arabian Cement Company	4,196	37,691
Arriyadh Development Company	1,712	10,290
Bank Al-Jazira	30,498	181,983
Banque Saudi Fransi	34,632	438,713

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Saudi Arabia (continued)</b>		
City Cement Company	6,807	\$ 38,140
Dar Al Arkan Real Estate Development Company (A)	40,719	117,024
Dur Hospitality Company (A)	5,874	34,576
Eastern Province Cement Company	3,671	44,974
Emaar Economic City (A)	21,759	57,364
EtiHAD Etisalat Company	42,915	400,676
Gulf Insurance Group	2,090	13,933
Hail Cement Company	4,570	16,643
Jazan Energy and Development Company (A)	2,068	8,273
L'Azurde Company for Jewelry (A)	2,204	8,745
Middle East Healthcare Company (A)	5,065	43,620
Mobile Telecommunications Company Saudi Arabia (A)	47,765	143,482
Najran Cement Company	7,837	30,836
National Industrialization Company (A)	21,450	92,405
Northern Region Cement Company	10,351	32,162
Riyadh Bank	55,286	474,391
Sahara International Petrochemical Company	31,147	417,724
Saudi Basic Industries Corp.	62,038	1,682,314
Saudi Chemical Company Holding	3,283	26,637
Saudi Industrial Investment Group	13,660	103,966
Saudi Industrial Services Company	2,229	12,198
Saudi Kayan Petrochemical Company (A)	89,494	377,064
Saudi Marketing Company (A)	2,495	14,164
Saudi Pharmaceutical Industries & Medical Appliances Corp.	1,378	9,576
Saudi Printing & Packaging Company (A)	2,723	11,388
Saudi Public Transport Company (A)	1,132	4,641
Saudi Reinsurance Company (A)	5,052	20,798
Seera Group Holding (A)	4,434	18,911
Sinad Holding Company (A)	4,643	18,734
Tabuk Cement Company	4,675	18,523
The National Company for Glass Industries	1,192	10,321
The Saudi British Bank	56,303	611,547
The Saudi Investment Bank	34,265	178,581
The Saudi National Bank	72,308	1,272,797
The Savola Group	10,299	92,382
Umm Al-Qura Cement Company	2,316	13,487
Walaa Cooperative Insurance Company (A)	2,461	8,616
Yamama Cement Company (A)	8,393	56,244
Yanbu Cement Company	6,565	59,367
Yanbu National Petrochemical Company	2,223	29,941
		7,722,565
<b>Singapore - 0.1%</b>		
JOYY, Inc., ADR	4,220	126,009
<b>South Africa - 3.3%</b>		
Absa Group, Ltd.	63,391	605,277
AECI, Ltd.	11,686	68,588
African Rainbow Minerals, Ltd.	10,677	140,846
Alexander Forbes Group Holdings, Ltd.	79,134	23,373
Alviva Holdings, Ltd.	22,754	31,785
Aspen Pharmacare Holdings, Ltd.	20,940	179,996
Astral Foods, Ltd.	4,628	53,843
Balwin Properties, Ltd.	6,271	1,039
Barloworld, Ltd.	21,853	120,761
Blue Label Telecoms, Ltd. (A)	44,582	17,069
Caxton & CTP Publishers & Printers, Ltd.	19,879	10,890
DataTec, Ltd.	19,918	50,397
Discovery, Ltd. (A)	2,433	19,243
Exxaro Resources, Ltd.	12,725	154,604
Gold Fields, Ltd., ADR (B)	40,780	371,914

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Africa (continued)</b>		
Grindrod, Ltd.	45,556	\$ 25,288
Harmony Gold Mining Company, Ltd.	10,790	33,737
Harmony Gold Mining Company, Ltd., ADR	23,256	72,791
Hudaco Industries, Ltd.	5,065	46,535
Impala Platinum Holdings, Ltd.	50,566	561,001
Investec, Ltd.	19,898	107,561
KAP Industrial Holdings, Ltd.	257,249	69,767
Lewis Group, Ltd.	14,408	43,595
Life Healthcare Group Holdings, Ltd.	90,286	99,703
Metair Investments, Ltd.	23,633	35,735
Momentum Metropolitan Holdings	97,843	85,789
Motus Holdings, Ltd.	14,065	92,333
Mpact, Ltd.	23,460	44,830
MTN Group, Ltd.	38,755	315,373
Murray & Roberts Holdings, Ltd. (A)	48,310	33,454
Naspers, Ltd., N Shares	278	40,612
Nedbank Group, Ltd.	30,206	386,625
Netcare, Ltd.	30,869	27,254
Oceana Group, Ltd.	5,108	13,984
Old Mutual, Ltd.	238,727	161,801
Omnia Holdings, Ltd.	19,012	85,036
Pepkor Holdings, Ltd. (C)	118,240	138,917
PPC, Ltd. (A)	168,790	29,921
Raubex Group, Ltd.	20,799	44,018
RCL Foods, Ltd.	35,643	22,591
Reunert, Ltd.	19,682	48,456
Royal Bafokeng Platinum, Ltd.	13,281	119,422
Sappi, Ltd. (A)	61,862	205,417
Sasol, Ltd. (A)	29,061	670,118
Sibanye Stillwater, Ltd.	131,672	327,004
Sibanye Stillwater, Ltd., ADR (B)	8,487	84,615
Standard Bank Group, Ltd.	87,652	836,267
Super Group, Ltd.	42,421	77,141
Telkom SA SOC, Ltd. (A)	37,622	84,566
Trencor, Ltd. (A)	40,666	13,383
Wilson Bayly Holmes-Ovcon, Ltd.	5,366	26,614
		6,960,879
<b>South Korea - 11.9%</b>		
AJ Networks Company, Ltd.	2,832	14,072
Ajin Industrial Company, Ltd. (A)	8,098	17,263
AK Holdings, Inc.	743	9,243
AMOREPACIFIC Group	1,900	54,752
Asia Cement Company, Ltd.	320	2,509
ASIA Holdings Company, Ltd.	241	22,601
Asia Paper Manufacturing Company, Ltd.	565	15,070
Binggrae Company, Ltd.	522	18,609
BNK Financial Group, Inc.	20,556	106,648
Bookook Securities Company, Ltd.	501	8,428
Chongkundang Holdings Corp.	288	12,585
Chosun Refractories Company, Ltd.	338	20,783
CJ CheilJedang Corp.	819	239,758
CJ Corp.	1,674	100,514
CJ ENM Company, Ltd.	651	47,109
CJ Logistics Corp. (A)	826	72,817
Com2uS Corp.	831	45,865
Dae Han Flour Mills Company, Ltd.	232	24,794
Dae Won Kang Up Company, Ltd.	4,385	9,583
Daedong Corp.	3,364	30,147
Daesang Corp.	2,028	32,058
Daesang Holdings Company, Ltd.	2,310	13,907
Daewoo Engineering & Construction Company, Ltd. (A)	20,805	93,965
Dahaam E-Tec Company, Ltd. (A)	2,630	206,608
Daihan Pharmaceutical Company, Ltd.	563	10,948

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Daishin Securities Company, Ltd.	3,901	\$ 45,510
Daol Investment & Securities Company, Ltd.	4,729	15,401
Daou Data Corp.	1,778	13,987
Daou Technology, Inc.	2,309	31,042
DB Financial Investment Company, Ltd.	3,849	14,848
DB Insurance Company, Ltd.	5,058	239,624
DB, Inc. (A)	19,825	12,215
Deutsch Motors, Inc.	3,903	24,724
DGB Financial Group, Inc.	19,003	111,566
DL E&C Company, Ltd.	4,034	129,343
DL Holdings Company, Ltd.	1,609	88,031
DMS Company, Ltd.	3,275	12,878
DN Automotive Corp.	380	16,305
Dongkuk Industries Company, Ltd.	8,476	19,550
Dongkuk Steel Mill Company, Ltd.	6,404	63,577
Dongwha Pharm Company, Ltd.	1,912	14,283
Dongwon Development Company, Ltd.	5,212	16,672
Dongwon F&B Company, Ltd.	122	13,955
Dongwon Industries Company, Ltd.	176	30,445
Doosan Bobcat, Inc.	4,079	91,273
Doosan Company, Ltd.	554	29,981
DoubleUGames Company, Ltd.	512	15,160
Easy Holdings Company, Ltd.	3,872	11,131
EBEST Investment & Securities Company, Ltd.	2,321	11,376
E-MART, Inc.	1,480	120,673
Eugene Corp.	6,888	20,404
Eugene Investment & Securities Company, Ltd.	11,471	23,877
Eusu Holdings Company, Ltd.	1,407	6,307
Farmsco	2,687	10,433
Fila Holdings Corp.	3,332	72,410
Green Cross Holdings Corp.	1,608	24,313
GS Engineering & Construction Corp.	5,619	137,142
GS Global Corp. (A)	7,813	20,376
GS Holdings Corp.	5,061	163,519
GS Retail Company, Ltd.	3,309	65,493
Gwangju Shinsegae Company, Ltd.	760	19,924
Halla Holdings Corp.	837	23,664
Hana Financial Group, Inc.	22,866	694,983
Handok, Inc.	729	9,738
Handsome Company, Ltd.	1,545	36,665
Hanil Cement Company, Ltd.	1,450	14,930
Hanil Holdings Company, Ltd.	3,183	26,731
Hanjin Transportation Company, Ltd.	1,052	22,537
Hankook Tire & Technology Company, Ltd.	7,054	179,829
Hanshin Construction Company, Ltd.	1,844	18,449
Hansol Holdings Company, Ltd.	5,241	12,442
Hansol Paper Company, Ltd.	2,920	28,249
Hansol Technics Company, Ltd. (A)	3,325	13,481
Hanwha Aerospace Company, Ltd.	2,248	84,382
Hanwha Corp.	3,675	73,316
Hanwha General Insurance Company, Ltd. (A)	5,427	17,621
Hanwha Investment & Securities Company, Ltd.	15,071	38,005
Hanwha Life Insurance Company, Ltd. (A)	34,108	58,567
Hanwha Solutions Corp. (A)	9,138	267,569
Hanyang Eng Company, Ltd.	1,654	18,429
HD Hyundai Company, Ltd.	3,580	164,487
HDC Holdings Company, Ltd.	2,737	14,003



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
HDC Hyundai Development Co-Engineering & Construction, Series E	3,037	\$ 26,198
Hitejinro Holdings Company, Ltd.	995	8,784
HMM Company, Ltd.	1,279	24,350
HS Industries Company, Ltd.	4,056	14,696
Huons Global Company, Ltd.	581	9,457
Huvis Corp.	3,715	19,277
Hyosung Corp.	540	33,487
Hyosung Heavy Industries Corp. (A)	742	36,146
Hyosung TNC Corp.	184	48,644
Hyundai Construction Equipment Company, Ltd.	1,613	56,083
Hyundai Corp.	1,339	15,696
Hyundai Corp. Holdings, Inc.	1,811	14,307
Hyundai Department Store Company, Ltd.	1,243	67,237
Hyundai Doosan Infracore Company, Ltd. (A)	12,566	53,018
Hyundai Engineering & Construction Company, Ltd.	5,407	172,931
Hyundai Futurenet Company, Ltd.	8,894	16,972
Hyundai Glovis Company, Ltd.	1,173	163,072
Hyundai Greenfood Company, Ltd.	5,234	31,462
Hyundai Home Shopping Network Corp.	652	25,474
Hyundai Livart Furniture Company, Ltd.	1,327	11,180
Hyundai Marine & Fire Insurance Company, Ltd.	6,179	147,700
Hyundai Mobis Company, Ltd.	4,311	664,485
Hyundai Motor Company	6,955	971,945
Hyundai Motor Securities Company, Ltd.	3,480	26,181
Hyundai Steel Company	6,801	168,689
Hyundai Wia Corp.	1,286	55,528
ICD Company, Ltd.	1,893	13,316
Iljin Holdings Company, Ltd.	4,669	24,931
Industrial Bank of Korea	22,105	164,168
Innocean Worldwide, Inc.	469	16,584
INTOPS Company, Ltd.	1,374	27,625
Inzi Controls Company, Ltd.	1,760	9,896
JB Financial Group Company, Ltd.	11,451	64,971
Jeil Savings Bank (A)(D)	1,820	0
KAON Media Company, Ltd.	2,973	19,103
KB Financial Group, Inc.	550	20,539
KB Financial Group, Inc., ADR	27,405	1,019,466
KC Company, Ltd.	1,496	21,586
KCC Corp.	347	76,987
KCC Glass Corp.	939	35,004
KCTC	4,403	14,923
KG Chemical Corp.	799	16,726
KGMobilians Company, Ltd.	2,700	15,116
Kia Corp.	18,836	1,124,237
KISCO Corp.	4,131	21,177
KISCO Holdings Company, Ltd.	1,536	16,430
KISWIRE, Ltd.	1,553	25,121
KIWOOM Securities Company, Ltd.	1,432	91,650
Kolmar Korea Holdings Company, Ltd.	1,323	17,781
Kolon Corp.	898	15,715
Kolon Industries, Inc.	1,911	77,257
Korea Asset In Trust Company, Ltd.	9,060	24,643
Korea Electric Terminal Company, Ltd.	561	23,347
Korea Investment Holdings Company, Ltd.	4,028	192,010
Korea Line Corp. (A)	23,137	46,794
Korea Petrochemical Industrial Company, Ltd.	441	41,858
Korea Real Estate Investment & Trust Company, Ltd.	14,635	19,265

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Korea Shipbuilding & Offshore Engineering Company, Ltd. (A)	2,512	\$ 182,341
Korean Reinsurance Company	9,470	61,317
Kortek Corp. (A)	1,806	11,875
KPX Chemical Company, Ltd.	660	24,497
KSS LINE, Ltd.	3,562	27,351
KT Skylife Company, Ltd.	1,768	11,161
KT&G Corp.	6,173	391,274
Kukdo Chemical Company, Ltd.	466	18,016
Kumho Petrochemical Company, Ltd.	1,206	129,715
Kumho Tire Company, Inc. (A)	7,054	19,017
KUMHOE&C Company, Ltd.	2,357	14,308
Kwang Dong Pharmaceutical Company, Ltd.	3,313	15,889
Kyeryong Construction Industrial Company, Ltd.	844	16,396
Kyung-In Synthetic Corp.	4,181	17,917
LF Corp.	2,312	27,683
LG Corp.	6,087	366,129
LG Display Company, Ltd., ADR (B)	48,840	272,527
LG Electronics, Inc.	10,548	719,334
LG HelloVision Company, Ltd.	3,836	16,145
LG Uplus Corp.	18,651	183,547
Lotte Chemical Corp.	1,193	166,323
Lotte Chilsung Beverage Company, Ltd.	305	41,262
Lotte Corp.	2,012	57,918
Lotte Data Communication Company	697	14,221
LOTTE Fine Chemical Company, Ltd.	1,504	76,161
Lotte Food Company, Ltd.	34	8,118
LOTTE Himart Company, Ltd.	1,006	13,035
Lotte Non-Life Insurance Company, Ltd. (A)	5,459	7,186
Lotte Shopping Company, Ltd.	881	70,808
LS Corp.	1,793	88,205
LS Electric Company, Ltd.	983	43,806
LX Hausys, Ltd.	659	21,602
LX Holdings Corp. (A)	2,952	20,822
LX International Corp.	2,902	72,556
Mando Corp.	1,993	73,204
Meritz Securities Company, Ltd.	35,902	126,182
Mirae Asset Life Insurance Company, Ltd.	8,582	20,467
Mirae Asset Securities Company, Ltd.	27,337	139,565
MK Electron Company, Ltd.	1,860	15,316
Motonic Corp.	2,259	14,304
Muhak Company, Ltd.	2,080	10,657
Namyang Dairy Products Company, Ltd.	58	16,393
Netmarble Corp. (C)	904	48,051
Nexen Corp.	3,733	10,190
Nexen Tire Corp.	6,465	26,427
NH Investment & Securities Company, Ltd.	12,340	86,321
NHN Corp. (A)	1,882	40,516
Nice Information & Telecommunication, Inc.	705	13,765
Nong Shim Holdings Company, Ltd.	402	21,086
NongShim Company, Ltd.	255	52,725
OCI Company, Ltd.	1,606	177,480
Orion Holdings Corp.	2,756	31,924
Ottogi Corp.	107	34,984
Paik Kwang Industrial Company, Ltd.	4,235	14,330
Pan Ocean Company, Ltd.	26,446	121,510
Paradise Company, Ltd. (A)	2,760	28,795
PHA Company, Ltd.	2,626	15,355
Poongsan Corp.	2,423	46,401
Poongsan Holdings Corp.	1,129	22,336

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
POSCO Holdings, Inc.	5,684	\$ 1,013,668
Posco International Corp.	4,844	71,910
RFTech Company, Ltd. (A)	4,033	15,780
Sam Young Electronics Company, Ltd.	938	7,796
Samho Development Company, Ltd.	4,213	12,872
SAMPYO Cement Company, Ltd.	4,134	12,197
Samsung C&T Corp.	4,515	429,848
Samsung Card Company, Ltd.	2,454	57,730
Samsung Electronics Company, Ltd.	44,431	1,959,734
Samsung Fire & Marine Insurance Company, Ltd.	3,065	476,189
Samsung Heavy Industries Company, Ltd. (A)	36,576	171,081
Samsung Life Insurance Company, Ltd.	4,666	225,486
Samsung Securities Company, Ltd.	4,810	124,337
Samyang Corp.	258	8,091
Samyang Holdings Corp.	535	29,349
Sangsangin Company, Ltd.	3,653	24,044
Seah Besteel Holdings Corp.	1,017	12,051
Sebang Company, Ltd.	1,153	9,209
Sebang Global Battery Company, Ltd.	601	24,456
Sejong Industrial Company, Ltd.	1,547	6,528
Sejong Telecom, Inc.	19,734	11,340
Seohee Construction Company, Ltd.	13,592	14,681
Seoul Semiconductor Company, Ltd.	3,322	26,958
Seoyon Company, Ltd.	2,508	13,994
SGC Energy Company, Ltd.	285	8,011
SGC eTec E&C Company, Ltd.	178	6,148
Shindaeyang Paper Company, Ltd.	267	17,819
Shinhan Financial Group Company, Ltd.	2,494	71,514
Shinhan Financial Group Company, Ltd., ADR (B)	33,328	951,848
Shinsegae Engineering & Construction Company, Ltd.	621	12,058
Shinsegae Food Company, Ltd.	268	11,630
Shinsegae, Inc.	668	112,452
Shinwha Intertek Corp. (A)	4,441	14,688
Shinyoung Securities Company, Ltd.	580	24,675
SK Chemicals Company, Ltd.	790	56,169
SK Discovery Company, Ltd.	1,496	40,404
SK Gas, Ltd.	304	28,479
SK Hynix, Inc.	29,105	2,055,224
SK Innovation Company, Ltd. (A)	2,989	443,739
SK Networks Company, Ltd.	16,268	52,797
SK Securities Company, Ltd.	27,076	15,417
SK, Inc.	2,806	466,971
SL Corp.	1,618	39,260
SNT Holdings Company, Ltd.	1,460	17,503
SNT Motiv Company, Ltd.	882	29,277
Songwon Industrial Company, Ltd.	1,547	23,704
Spigen Korea Company, Ltd.	525	14,725
Sungshin Cement Company, Ltd.	2,022	14,289
Sungwoo Hitech Company, Ltd.	2,984	10,035
Sunjin Company, Ltd.	2,276	17,640
Taekwang Industrial Company, Ltd.	48	33,476
Taeyoung Engineering & Construction Company, Ltd.	2,234	11,711
Tongyang Life Insurance Company, Ltd.	7,644	33,679
Toptec Company, Ltd. (A)	2,535	13,989
Tovis Company, Ltd.	1,305	8,914
TS Corp.	12,730	32,621
TY Holdings Company, Ltd. (A)	2,153	31,224
Unid Company, Ltd.	534	39,528
WiSoL Company, Ltd.	2,256	15,041
Wonik Holdings Company, Ltd. (A)	5,948	17,482

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Wonik Materials Company, Ltd.	880	\$ 21,915
Woori Financial Group, Inc.	41,842	391,672
Young Poong Corp.	51	20,641
Youngone Corp.	2,509	74,486
Youngone Holdings Company, Ltd.	920	33,268
Yuanta Securities Korea Company, Ltd.	11,703	24,519
		25,544,403
<b>Taiwan - 16.9%</b>		
Abico Avy Company, Ltd.	24,990	16,740
AcBel Polytech, Inc.	38,000	36,834
Acer, Inc. (B)	256,452	187,520
ACES Electronic Company, Ltd.	19,323	24,411
Acter Group Corp., Ltd.	4,000	23,274
Advanced International Multitech Company, Ltd.	13,000	33,907
Advantec Enterprise Company, Ltd.	35,186	25,989
AGV Products Corp. (A)	11,716	4,117
Allis Electric Company, Ltd.	13,000	13,065
Alpha Networks, Inc.	31,773	27,328
Altek Corp.	16,000	18,673
AmTRAN Technology Company, Ltd.	49,767	21,194
Apacer Technology, Inc.	11,000	13,711
APCB, Inc.	37,000	22,352
Apex International Company, Ltd.	7,000	16,310
Arcadyan Technology Corp.	8,000	32,311
Ardentec Corp.	45,000	54,653
Argosy Research, Inc.	7,000	16,354
ASE Technology Holding Company, Ltd.	236,000	607,821
Asia Cement Corp.	195,805	288,783
Asia Optical Company, Inc.	14,000	29,138
Asia Polymer Corp.	50,607	47,961
Asia Tech Image, Inc.	12,000	20,985
Asia Vital Components Company, Ltd. (B)	29,328	92,008
Asustek Computer, Inc.	68,000	711,177
Audix Corp.	21,000	35,150
AUO Corp.	514,000	281,432
Bank of Kaohsiung Company, Ltd.	79,810	36,506
Basso Industry Corp.	8,000	12,043
BenQ Materials Corp.	13,000	13,775
BES Engineering Corp.	163,700	47,683
Bizlink Holding, Inc.	4,000	41,579
Brighton-Best International Taiwan, Inc.	19,000	22,496
Capital Securities Corp.	183,403	86,403
Career Technology MFG. Company, Ltd. (A)	61,200	45,649
Catcher Technology Company, Ltd.	53,000	295,660
Cathay Financial Holding Company, Ltd.	655,423	1,122,328
Cathay Real Estate Development Company, Ltd.	46,400	27,083
Celxpert Energy Corp.	12,000	13,474
Central Reinsurance Company, Ltd.	31,500	27,310
Chang Hwa Commercial Bank, Ltd.	334,238	195,231
Chanel Well Technology Company, Ltd.	16,000	17,639
Charoen Pokphand Enterprise	10,000	27,231
CHC Healthcare Group	21,000	27,297
Chen Full International Company, Ltd.	15,000	18,983
Chenbro Micom Company, Ltd.	10,000	21,529
Cheng Loong Corp.	68,320	59,903
Cheng Mei Materials Technology Corp. (A)	46,000	15,727
Cheng Shin Rubber Industry Company, Ltd.	132,000	157,272
Cheng Uei Precision Industry Company, Ltd.	37,629	41,870
Chia Hsin Cement Corp.	15,000	9,139

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Chicony Electronics Company, Ltd.	28,000	\$ 69,801
China Airlines, Ltd.	264,910	209,911
China Bills Finance Corp.	95,000	53,521
China Chemical & Pharmaceutical Company, Ltd.	34,000	25,310
China Development Financial Holding Corp.	1,035,535	512,814
China General Plastics Corp.	37,485	38,601
China Man-Made Fiber Corp.	178,414	47,739
China Metal Products Company, Ltd.	42,513	45,574
China Motor Corp.	30,250	63,222
China Petrochemical Development Corp. (B)	309,245	99,857
China Steel Corp.	1,045,180	1,000,760
Chin-Poon Industrial Company, Ltd.	43,571	42,958
Chipbond Technology Corp.	70,000	140,088
ChipMOS Technologies, Inc.	66,938	83,413
Chong Hong Construction Company, Ltd.	19,000	46,858
Chun Yuan Steel Industry Company, Ltd.	50,874	27,405
Chung Hung Steel Corp.	38,625	34,875
Chung-Hsin Electric & Machinery Manufacturing Corp.	46,500	86,285
CMC Magnetics Corp. (A)	72,470	18,658
Compal Electronics, Inc.	358,000	274,099
Compeq Manufacturing Company, Ltd.	111,000	162,267
Concord Securities Company, Ltd.	26,000	10,889
Continental Holdings Corp.	49,050	43,124
Coretronic Corp.	40,000	67,780
CTBC Financial Holding Company, Ltd.	1,555,348	1,315,593
DA CIN Construction Company, Ltd.	20,000	19,693
Da-Li Development Company, Ltd. (A)	17,000	17,121
Darfon Electronics Corp.	16,000	21,780
Darwin Precisions Corp. (A)	37,000	12,063
Depo Auto Parts Industrial Company, Ltd.	21,000	51,701
D-Link Corp.	50,600	24,691
Dyaco International, Inc.	5,000	6,599
Dynamic Electronics Company, Ltd.	35,584	29,231
Dynapack International Technology Corp.	10,000	24,048
E.Sun Financial Holding Company, Ltd.	81,344	79,405
Edom Technology Company, Ltd.	18,400	20,010
Elite Advanced Laser Corp.	7,000	9,666
Elite Semiconductor Microelectronics Technology, Inc.	27,000	80,813
Elitegroup Computer Systems Company, Ltd.	42,104	30,029
Ennconn Corp.	6,233	44,890
Ennostar, Inc.	31,656	54,103
EnTie Commercial Bank Company, Ltd.	58,000	30,460
Eson Precision Ind Company, Ltd.	12,000	26,227
Eternal Materials Company, Ltd.	12,000	13,066
Eva Airways Corp.	266,725	284,590
Everest Textile Company, Ltd. (A)	64,835	16,210
Evergreen International Storage & Transport Corp.	44,600	42,779
Evergreen Marine Corp. Taiwan, Ltd.	76,655	217,874
Everlight Chemical Industrial Corp.	49,250	31,810
Everlight Electronics Company, Ltd.	46,000	63,907
Excelsior Medical Company, Ltd.	16,573	37,831
Far Eastern Department Stores, Ltd.	102,720	69,143
Far Eastern International Bank	224,637	85,024
Far Eastern New Century Corp.	252,249	270,020
Farglory Land Development Company, Ltd.	28,530	60,108
Feng Hsin Steel Company, Ltd.	8,000	18,400
First Financial Holding Company, Ltd.	613,053	541,057

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
First Steamship Company, Ltd. (A)	84,809	\$ 27,120
FLEXium Interconnect, Inc. (A)	27,000	78,724
Formosa Advanced Technologies Company, Ltd.	25,000	33,312
Formosa Chemicals & Fibre Corp.	184,000	462,475
Formosa Laboratories, Inc.	9,543	16,188
Formosa Petrochemical Corp.	4,000	12,609
Formosa Plastics Corp.	188,000	686,471
Formosa Taffeta Company, Ltd.	67,000	60,082
Formosan Rubber Group, Inc.	33,020	23,442
Formosan Union Chemical	48,812	38,919
Foxconn Technology Company, Ltd. (B)	64,626	107,181
FSP Technology, Inc.	10,000	12,315
Fubon Financial Holding Company, Ltd.	676,053	1,359,779
Fulgent Sun International Holding Company, Ltd.	11,000	64,065
Fulltech Fiber Glass Corp.	45,000	19,366
G Shank Enterprise Company, Ltd.	15,535	23,170
Gamania Digital Entertainment Company, Ltd.	9,000	19,305
Gemtek Technology Corp.	32,000	31,265
General Interface Solution Holding, Ltd.	29,000	74,643
Getac Holdings Corp.	14,000	19,018
Giantplus Technology Company, Ltd. (A)	31,000	10,495
Gigabyte Technology Company, Ltd.	31,000	92,607
Global Brands Manufacture, Ltd.	37,541	36,161
Global Lighting Technologies, Inc.	6,000	11,862
Global PMX Company, Ltd.	3,000	15,477
Globe Union Industrial Corp.	51,750	20,643
Gloria Material Technology Corp.	39,684	33,548
Gold Circuit Electronics, Ltd.	34,000	87,287
Goldsun Building Materials Company, Ltd.	93,540	71,903
Gourmet Master Company, Ltd.	6,000	22,304
Grand Ocean Retail Group, Ltd.	13,000	6,852
Grand Pacific Petrochemical	77,000	58,802
Great China Metal Industry	33,000	28,545
Great Wall Enterprise Company, Ltd.	29,976	47,938
Greatek Electronics, Inc.	12,000	25,228
Hannstar Board Corp.	39,750	42,398
HannStar Display Corp.	84,842	29,011
HannsTouch Solution, Inc.	64,000	21,504
Hey Song Corp.	40,000	46,847
Highwealth Construction Corp.	45,000	68,455
Ho Tung Chemical Corp.	88,399	27,135
Holy Stone Enterprise Company, Ltd.	10,000	33,490
Hon Hai Precision Industry Company, Ltd.	732,448	2,688,922
Hong Pu Real Estate Development Company, Ltd.	27,000	19,257
Hong TAI Electric Industrial	20,000	14,353
Horizon Securities Company, Ltd. (A)	18,000	7,938
Hsin Kuang Steel Company, Ltd.	9,000	12,001
Hsing TA Cement Company, Ltd.	38,000	25,372
HTC Corp. (A)	18,000	29,676
Hu Lane Associate, Inc.	8,000	34,078
Hua Nan Financial Holdings Company, Ltd.	499,126	380,024
Hung Ching Development & Construction Company, Ltd.	14,000	11,285
Hung Sheng Construction, Ltd.	42,240	36,478
IBF Financial Holdings Company, Ltd.	237,780	116,407
Ichia Technologies, Inc.	25,000	12,338
IEI Integration Corp.	12,000	18,603
Innolux Corp.	657,561	267,569
Inpaq Technology Company, Ltd. (A)	12,000	19,126
Integrated Service Technology, Inc.	9,000	15,281

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
International CSRC Investment Holdings Company	81,383	\$ 53,008
Inventec Corp.	225,000	190,240
Iron Force Industrial Company, Ltd.	6,000	13,387
ITEQ Corp.	11,000	26,649
Jarillytec Company, Ltd.	9,000	18,661
Jess-Link Products Company, Ltd. (A)	13,000	16,113
Kaimei Electronic Corp.	13,300	22,357
Kedge Construction Company, Ltd.	6,000	10,224
Kenda Rubber Industrial Company, Ltd.	39,520	46,022
Kindom Development Company, Ltd.	24,000	26,341
King Yuan Electronics Company, Ltd.	122,796	165,470
King's Town Bank Company, Ltd.	83,000	98,840
King's Town Construction Company, Ltd. (A)	7,300	8,028
Kinko Optical Company, Ltd. (A)	15,758	14,638
Kinpo Electronics, Inc. (A)	108,269	47,552
Kinsus Interconnect Technology Corp. (B)	22,000	105,954
KS Terminals, Inc.	9,000	22,201
Kuo Toong International Company, Ltd.	18,248	10,887
Kuo Yang Construction Company, Ltd.	12,000	7,613
L&K Engineering Company, Ltd.	17,000	17,055
Largan Precision Company, Ltd.	8,000	464,907
Laster Tech Corp., Ltd.	11,910	11,854
Lealea Enterprise Company, Ltd. (A)	90,124	31,391
LeLon Electronics Corp.	8,000	14,556
Li Peng Enterprise Company, Ltd. (A)	62,000	16,052
Lida Holdings, Ltd.	4,640	4,457
Lien Hwa Industrial Holdings Corp.	42,900	80,960
Lingsen Precision Industries, Ltd.	49,481	27,471
Lite-On Technology Corp.	164,000	319,162
Longchen Paper & Packaging Company, Ltd.	64,177	36,300
Lumax International Corp., Ltd.	4,000	9,362
Lung Yen Life Service Corp.	9,000	12,925
Macaoto Industrial Company, Ltd.	8,000	17,363
Macronix International Company, Ltd.	129,000	154,182
Mega Financial Holding Company, Ltd.	547,472	650,552
Mercuries & Associates Holding, Ltd.	47,815	31,476
Mercuries Life Insurance Company, Ltd. (A)	63,158	15,176
Mery Electronics Company, Ltd.	11,000	28,451
Mirle Automation Corp.	10,000	13,173
Mitac Holdings Corp.	58,316	53,906
MOSA Industrial Corp. (A)	9,000	8,885
MPI Corp.	11,000	31,691
Namchow Holdings Company, Ltd.	9,000	13,841
Nan Ya Plastics Corp.	334,000	932,326
Nanya Technology Corp.	121,000	201,376
Nichidenbo Corp.	14,000	23,812
Nishoku Technology, Inc.	7,800	18,434
O-Bank Company, Ltd.	52,538	15,389
Orient Semiconductor Electronics, Ltd. (A)	26,000	14,075
Oriental Union Chemical Corp.	28,000	17,626
Pacific Construction Company (A)	38,289	11,938
Paiho Shih Holdings Corp.	11,000	12,618
Pan-International Industrial Corp.	44,481	55,713
PChome Online, Inc.	6,000	13,921
Pegatron Corp.	174,660	334,899
Phison Electronics Corp.	9,000	82,519
Pixart Imaging, Inc.	10,000	32,703
Pou Chen Corp.	163,348	162,234
Powertech Technology, Inc.	39,000	115,261
President Securities Corp.	99,549	62,688
Primax Electronics, Ltd.	26,000	54,106

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Prince Housing & Development Corp.	142,555	\$ 57,111
Prodisc Technology, Inc. (A)(D)	762,000	0
Promate Electronic Company, Ltd.	8,000	11,181
Prosperity Dielectrics Company, Ltd.	6,000	8,051
Qisda Corp.	134,280	129,540
Quanta Computer, Inc.	201,000	539,214
Quanta Storage, Inc.	23,000	28,817
Radiant Opto-Electronics Corp.	34,000	99,288
Radium Life Tech Company, Ltd.	102,621	32,201
Rechi Precision Company, Ltd.	20,000	11,368
Rexon Industrial Corp, Ltd.	13,000	11,735
Ritek Corp. (A)	57,799	14,896
Roo Hsing Company, Ltd. (A)	67,000	10,976
Ruentex Development Company, Ltd.	85,880	212,250
Ruentex Industries, Ltd.	33,800	88,255
Sampo Corp.	43,470	43,344
San Far Property, Ltd.	28,964	12,520
Sanyang Motor Company, Ltd.	48,000	57,006
Savior Lifetec Corp. (A)	18,957	11,241
Sercomm Corp.	22,000	60,050
Sesoda Corp.	13,064	19,923
Shan-Loong Transportation Company, Ltd.	23,000	25,968
Sheng Yu Steel Company, Ltd.	22,000	19,234
ShenMao Technology, Inc.	8,000	14,728
Shihlin Electric & Engineering Corp.	21,000	43,657
Shin Kong Financial Holding Company, Ltd.	870,344	256,526
Shin Zu Shing Company, Ltd.	8,000	22,021
Shining Building Business Company, Ltd. (A)	55,118	17,598
Shinkong Insurance Company, Ltd.	27,000	47,124
Shinkong Synthetic Fibers Corp.	132,239	80,777
Shuttle, Inc. (A)	25,000	10,417
Sigurd Microelectronics Corp.	47,773	83,595
Simple Technology Company, Ltd.	8,000	68,656
Sincere Navigation Corp.	24,000	16,471
Sinher Technology, Inc.	8,000	9,748
Sinon Corp.	45,650	47,136
SinoPac Financial Holdings Company, Ltd.	706,931	399,639
Sirtec International Company, Ltd.	23,800	18,947
Siward Crystal Technology Company, Ltd.	20,000	23,634
Soft-World International Corp.	4,000	10,399
Sunonwealth Electric Machine Industry Company, Ltd.	18,000	20,174
Sunrex Technology Corp.	11,678	13,388
Supreme Electronics Company, Ltd. (A)	13,268	18,791
Syncmold Enterprise Corp.	6,000	13,492
SYNergy ScienTech Corp.	10,000	7,181
Synnex Technology International Corp.	100,000	179,016
System Corp.	6,000	14,391
TA Chen Stainless Pipe	99,489	113,245
Ta Ya Electric Wire & Cable	58,889	51,423
TA-I Technology Company, Ltd.	8,000	11,484
Taichung Commercial Bank Company, Ltd.	452,227	206,297
TaiDoc Technology Corp.	4,000	26,113
Taiflex Scientific Company, Ltd.	24,100	36,156
Tainan Spinning Company, Ltd.	135,638	87,774
Taishin Financial Holding Company, Ltd.	890,946	488,749
Taita Chemical Company, Ltd.	26,494	24,783
TAI-TECH Advanced Electronics Company, Ltd.	5,000	15,193
Taiwan Business Bank	398,790	155,180
Taiwan Cement Corp.	330,318	439,569
Taiwan Chinsan Electronic Industrial Company, Ltd.	14,852	18,639

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Taiwan Cooperative Financial Holding Company, Ltd.	478,939	\$ 433,064
Taiwan Fertilizer Company, Ltd.	52,000	111,796
Taiwan Fire & Marine Insurance Company, Ltd.	41,000	26,766
Taiwan FU Hsing Industrial Company, Ltd.	21,000	27,215
Taiwan Glass Industry Corp.	112,319	67,424
Taiwan Hon Chuan Enterprise Company, Ltd.	34,000	87,130
Taiwan Kolin Company, Ltd. (A)(D)	327,000	0
Taiwan Navigation Company, Ltd.	19,000	18,399
Taiwan Paiho, Ltd.	14,000	32,434
Taiwan PCB Techvest Company, Ltd.	36,000	46,276
Taiwan Semiconductor Company, Ltd. (B)	14,000	33,760
Taiwan Shin Kong Security Company, Ltd.	8,000	10,765
Taiwan Styrene Monomer	38,000	18,354
Taiwan Surface Mounting Technology Corp.	26,225	79,952
Taiwan Union Technology Corp.	14,000	26,461
Taiyen Biotech Company, Ltd.	26,137	29,361
Tatung Company, Ltd. (A)	116,000	132,358
TBI Motion Technology Company, Ltd.	12,000	17,694
TCI Company, Ltd.	3,000	15,649
Teco Electric & Machinery Company, Ltd.	132,000	132,692
Test Research, Inc.	13,000	26,042
The Ambassador Hotel (A)	29,000	31,654
The Shanghai Commercial & Savings Bank, Ltd.	134,000	239,690
Thinking Electronic Industrial Company, Ltd.	4,000	16,797
Thye Ming Industrial Company, Ltd.	24,800	34,171
Ton Yi Industrial Corp.	97,000	47,619
Tong Hsing Electronic Industries, Ltd.	6,000	40,681
Tong Yang Industry Company, Ltd.	40,627	67,482
Tong-Tai Machine & Tool Company, Ltd.	26,588	12,759
TOPBI International Holdings, Ltd. (A)	8,077	3,684
Topkey Corp.	6,000	25,973
Topoint Technology Company, Ltd.	29,190	30,319
TPK Holding Company, Ltd.	41,000	47,824
Transcend Information, Inc.	9,000	20,927
Tripod Technology Corp.	20,000	75,037
Tsann Kuen Enterprise Company, Ltd.	7,000	7,300
TSRC Corp.	28,000	27,968
Tung Ho Steel Enterprise Corp.	61,640	107,616
TURVO International Company, Ltd.	6,000	24,950
TXC Corp.	27,000	82,625
TYC Brother Industrial Company, Ltd.	15,511	14,673
Tycoons Group Enterprise (A)	38,000	10,626
Tyntek Corp.	36,000	23,284
U-Ming Marine Transport Corp.	38,000	52,473
Union Bank of Taiwan	135,544	69,694
Unitech Printed Circuit Board Corp. (A)	74,194	41,858
United Microelectronics Corp.	790,794	1,057,042
Universal Cement Corp.	27,483	20,345
Unizyx Holding Corp. (A)	34,000	30,459
UPC Technology Corp.	89,751	47,370
USI Corp.	80,996	67,541
Wah Lee Industrial Corp.	20,520	58,302
Walsin Lihwa Corp.	180,000	218,202
Walsin Technology Corp.	25,000	75,492
Walton Advanced Engineering, Inc.	39,584	16,253
Wan Hai Lines, Ltd.	32,000	127,948
Wei Chuan Foods Corp.	33,000	22,440
Weikeng Industrial Company, Ltd.	25,000	23,332
Well Shin Technology Company, Ltd.	15,000	21,746

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Winbond Electronics Corp.	316,793	\$ 231,788
Wintek Corp. (A)(D)	543,000	0
Wisdom Marine Lines Company, Ltd.	26,343	57,522
Wistron Corp.	270,291	242,697
Wistron NeWeb Corp.	19,000	44,263
WPG Holdings, Ltd.	165,400	306,910
WT Microelectronics Company, Ltd.	45,174	102,171
Xxentria Technology Materials Corp.	8,000	17,189
Yageo Corp.	4,804	49,822
Yang Ming Marine Transport Corp.	129,000	356,789
YC INOX Company, Ltd.	40,104	36,040
Yea Shin International Development Company, Ltd.	20,906	15,931
Yem Chio Company, Ltd.	42,717	21,492
Yeong Guan Energy Technology Group Company, Ltd.	13,553	25,993
YFY, Inc.	132,202	113,282
Yieh Phui Enterprise Company, Ltd.	68,899	38,503
Youngtek Electronics Corp.	17,000	37,952
Yuanta Financial Holding Company, Ltd.	805,371	533,409
Yulon Motor Company, Ltd.	64,470	102,470
YungShin Global Holding Corp.	8,000	10,898
Zeng Hsing Industrial Company, Ltd.	4,000	18,707
Zenitron Corp.	28,000	31,359
Zhen Ding Technology Holding, Ltd.	44,000	152,428
Zig Sheng Industrial Company, Ltd.	38,908	14,766
		36,286,788
<b>Thailand - 2.3%</b>		
AAPICO Hitech PCL	35,352	21,929
AP Thailand PCL	223,670	63,346
Bangchak Corp. PCL	91,600	81,054
Bangkok Bank PCL	43,000	162,163
Bangkok Bank PCL, NVDR	14,500	54,683
Bangkok Insurance PCL	4,550	34,625
Bangkok Land PCL	1,059,200	30,866
Bangkok Life Assurance PCL, NVDR	18,200	20,727
Bangkok Ranch PCL (A)	92,300	8,886
Banpu PCL	535,067	191,138
Berli Jucker PCL	86,900	79,843
Cal-Comp Electronics Thailand PCL	134,116	8,889
Charoen Pokphand Foods PCL	377,100	277,774
Esso Thailand PCL (A)	83,900	27,580
GFPT PCL	43,900	21,266
Indorama Ventures PCL	82,600	110,074
IRPC PCL	943,100	86,077
Italian-Thai Development PCL (A)	477,400	29,198
Kasikornbank PCL, NVDR	101,600	433,559
Khon Kaen Sugar Industry PCL	192,600	20,151
Kiatnakin Phatra Bank PCL	19,400	34,082
Krung Thai Bank PCL	207,700	91,288
LPN Development PCL	52,900	6,587
MBK PCL (A)	50,619	23,373
Millcon Steel PCL	167,887	4,278
Polyplex Thailand PCL	14,000	8,962
Pruksa Holding PCL	78,800	29,259
PTT Exploration & Production PCL	103,900	468,377
PTT Global Chemical PCL	133,900	172,834
PTT PCL	938,700	903,768
Quality Houses PCL	377,100	22,418
Regional Container Lines PCL	30,000	32,779
Rojana Industrial Park PCL	113,100	19,049
Saha-Union PCL	16,100	13,913
Sansiri PCL	1,026,866	29,381
SC Asset Corp. PCL	238,196	21,865
SCB X PCL	42,400	124,724

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Thailand (continued)</b>		
Siam City Cement PCL	4,900	\$ 20,940
Siamgas & Petrochemicals PCL	78,400	24,862
Sino-Thai Engineering & Construction PCL	30,500	10,546
Somboon Advance Technology PCL	51,300	26,455
SPCG PCL	58,900	26,358
Sri Trang Agro-Industry PCL	49,100	29,488
Srithai Superware PCL	283,000	11,140
Star Petroleum Refining PCL	100,000	34,295
STP & I PCL (A)	21,600	2,427
Supalai PCL	151,900	79,962
Super Energy Corp. PCL	743,000	15,775
Syntec Construction PCL	156,500	7,665
Thai Oil PCL	85,600	124,893
Thai Stanley Electric PCL	700	3,557
Thai Union Group PCL	128,800	62,376
Thaicom PCL	79,400	20,235
Thanachart Capital PCL	37,300	39,863
The Siam Cement PCL	33,600	356,017
Thitikorn PCL	100	29
Thoresen Thai Agencies PCL	75,500	18,833
TMBThanachart Bank PCL	1,334,352	46,538
TMBThanachart Bank PCL, Foreign Shares	13,343	464
TPI Polene PCL	559,900	24,724
TPI Polene Power PCL	283,200	28,862
True Corp. PCL	927,400	120,896
Univentures PCL	51,700	4,101
		4,912,066
<b>Turkey - 0.5%</b>		
Akbank TAS	358,925	173,384
Anadolu Efes Biracilik Ve Malt Sanayii AS	14,921	24,394
Arcelik AS	7,251	31,562
Bera Holding AS (A)	34,123	29,612
Dogan Sirketler Grubu Holding AS	52,374	11,050
Eczacibasi Yatirim Holding Ortakligi AS	1	2
EIS Eczacibasi Ilac ve Sinai ve Finansal Yatirimlar Sanayi ve Ticaret AS	30,810	18,488
Enka Insaat ve Sanayi AS	76,018	78,320
Eregli Demir ve Celik Fabrikalari TAS	76,335	124,159
Goldas Kuyumculuk Sanayi Ithalat Ve Bagli Ortakliklari (A)(D)	54,846	311
Gozde Girisim Sermayesi Yatirim Ortakligi AS (A)	28,775	13,793
GSD Holding AS (A)	78,125	16,838
Kardemir Karabuk Demir Celik Sanayi ve Ticaret AS, Class A	14,485	8,003
Kardemir Karabuk Demir Celik Sanayi ve Ticaret AS, Class D (A)	25,436	17,236
KOC Holding AS	34,979	77,235
Sekerbank Turk AS (A)	178,589	11,147
TAV Havalimanlari Holding AS (A)	11,684	34,739
Tekfen Holding AS	11,038	14,275
Turk Hava Yollari AO (A)	56,124	157,682
Turkiye Halk Bankasi AS (A)	56,201	16,644
Turkiye Is Bankasi AS, Class C	209,300	55,304
Turkiye Sinai Kalkinma Bankasi AS (A)	141,027	17,014
Turkiye Sise ve Cam Fabrikalari AS	73,690	95,485
Turkiye Vakiflar Bankasi TAO, Class D (A)	91,535	19,697
Uzel Makina Sanayii AS (A)(D)	22,930	0
Vestel Elektronik Sanayi ve Ticaret AS	6,172	8,760
Yapi ve Kredi Bankasi AS	254,969	66,417
		1,121,551

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Ukraine - 0.0%</b>		
Kernel Holding SA	5,893	\$ 25,100
<b>United Arab Emirates - 1.0%</b>		
Abu Dhabi Commercial Bank PJSC	227,290	548,898
Agthia Group PJSC	22,120	31,876
Air Arabia PJSC	66,681	37,817
Ajman Bank PJSC (A)	110,663	21,436
Aldar Properties PJSC	274,565	333,162
Amanat Holdings PJSC	77,820	21,201
Amlak Finance PJSC (A)	70,121	9,448
Dana Gas PJSC	313,959	93,170
Deyaar Development PJSC (A)	187,028	23,694
Dubai Investments PJSC	195,034	116,375
Emaar Development PJSC (A)	95,957	111,119
Emaar Properties PJSC	307,615	436,674
Emirates NBD Bank PJSC	73,719	265,522
Eshraq Investments PJSC (A)	223,571	21,083
Islamic Arab Insurance Company	58,609	9,286
National Central Cooling Company PJSC	14,806	11,060
RAK Properties PJSC (A)	77,735	13,168
Ras Al Khaimah Ceramics	24,868	18,829
SHUAA Capital PSC (A)	76,875	10,489
		2,134,307
<b>United States - 0.0%</b>		
Nexteer Automotive Group, Ltd.	95,000	68,635
<b>TOTAL COMMON STOCKS (Cost \$226,684,619)</b>		<b>\$ 206,531,236</b>
<b>PREFERRED SECURITIES - 1.7%</b>		
<b>Brazil - 1.7%</b>		
Banco ABC Brasil SA	9,841	29,184
Banco Bradesco SA	219,878	722,641
Banco do Estado do Rio Grande do Sul SA, B Shares	22,600	38,693
Eucatex SA Industria e Comercio	4,200	6,388
Gerdau SA	77,776	332,151
Marcopolo SA	55,200	26,052
Petroleo Brasileiro SA	440,844	2,352,707
Randon SA Implementos e Participacoes	11,172	20,024
Usinas Siderurgicas de Minas Gerais SA, A Shares	40,910	67,617
		3,595,457
<b>Colombia - 0.0%</b>		
Grupo Argos SA	23,975	42,679
Grupo Aval Acciones y Valores SA	82,128	14,838
Grupo de Inversiones Suramericana SA	9,424	37,457
		94,974
<b>Philippines - 0.0%</b>		
Cebu Air, Inc., 6.000%	15,189	12,028
<b>Taiwan - 0.0%</b>		
China Development Financial Holding Corp.	42,273	11,887
<b>TOTAL PREFERRED SECURITIES (Cost \$4,214,839)</b>		<b>\$ 3,714,346</b>
<b>RIGHTS - 0.0%</b>		
Philex Mining Corp. (Expiration Date: 7-26-22; Strike Price PHP 3.15) (A)	27,490	140
Taishin Financial Holding Company, Ltd. (Expiration Date: 7-14-22; Strike Price: TWD 17.65) (A)(D)	17,551	0
Unitech Printed Circuit Board Corp. (Expiration Date: 8-9-22; Strike Price TWD 14.00) (A)	4,792	443

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Emerging Markets Value Trust (continued)

	Shares or Principal Amount	Value
<b>RIGHTS (continued)</b>		
Walsin Lihwa Corp. (Expiration Date: 8-4-22; Strike Price: TWD 33.00) (A)	12,582	\$ 1,291
YungShin Global Holding Corp. (Expiration Date: 8-8-22; Strike Price TWD 22.00) (A)(D)	760	0
<b>TOTAL RIGHTS (Cost \$0)</b>		<b>\$ 1,874</b>
<b>WARRANTS - 0.0%</b>		
Eco World Development Group BHD (Expiration Date: 4-12-29; Strike Price MYR 1.16) (A)	16,860	344
MBK PCL (Expiration Date: 12-31-24; Strike Price: THB 3.00) (A)	2,024	744
Yinson Holdings BHD (Expiration Date: 12-31-99; Strike Price MYR 2.29) (A)	9,086	0
<b>TOTAL WARRANTS (Cost \$0)</b>		<b>\$ 1,088</b>
<b>SHORT-TERM INVESTMENTS - 1.0%</b>		
<b>Short-term funds - 1.0%</b>		
John Hancock Collateral Trust, 1.4215% (F)(G)	219,062	2,189,827
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$2,189,876)</b>		<b>\$ 2,189,827</b>
<b>Total Investments (Emerging Markets Value Trust)</b> (Cost \$233,089,334) - 99.1%		<b>\$ 212,438,371</b>
<b>Other assets and liabilities, net - 0.9%</b>		<b>1,908,276</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 214,346,647</b>

## Emerging Markets Value Trust (continued)

### Currency Abbreviations

MYR	Malaysian Ringgit
PHP	Philippine Peso
THB	Thai Bhat
TWD	New Taiwan Dollar

### Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global Depositary Receipt
NVDR	Non-Voting Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(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.
(D)	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.
(E)	Restricted security as to resale, excluding 144A securities. For more information on this security refer to the Notes to financial statements.
(F)	The rate shown is the annualized seven-day yield as of 6-30-22.
(G)	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 <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Mini MSCI Emerging Markets Index Futures	30	Long	Sep 2022	\$1,582,637	\$1,506,000	\$(76,637)
						<b>\$(76,637)</b>

<sup>^</sup> Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

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

## Equity Income Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.0%</b>		
<b>Communication services – 5.1%</b>		
<b>Diversified telecommunication services – 0.5%</b>		
AT&T, Inc.	196,937	\$ 4,127,800
Verizon Communications, Inc.	41,672	2,114,854
		<b>6,242,654</b>
<b>Entertainment – 1.2%</b>		
The Walt Disney Company (A)	162,396	15,330,182
Warner Bros Discovery, Inc. (A)	47,642	639,356
		<b>15,969,538</b>
<b>Interactive media and services – 0.6%</b>		
Meta Platforms, Inc., Class A (A)	52,500	8,465,625
<b>Media – 2.8%</b>		
Comcast Corp., Class A	444,552	17,444,220
Fox Corp., Class B	143,214	4,253,456

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Media (continued)</b>		
News Corp., Class A	1,099,037	\$ 17,122,996
		<b>38,820,672</b>
		<b>69,498,489</b>
<b>Consumer discretionary – 3.6%</b>		
<b>Automobiles – 0.8%</b>		
Volkswagen AG, ADR	852,679	11,297,997
<b>Hotels, restaurants and leisure – 0.7%</b>		
Las Vegas Sands Corp. (A)	288,757	9,699,348
<b>Leisure products – 0.8%</b>		
Mattel, Inc. (A)	472,197	10,544,159
<b>Multiline retail – 0.5%</b>		
Kohl's Corp.	204,971	7,315,415
<b>Specialty retail – 0.8%</b>		
Best Buy Company, Inc.	28,100	1,831,839

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
The TJX Companies, Inc.	168,362	\$ 9,403,018
		11,234,857
		50,091,776
<b>Consumer staples – 7.1%</b>		
<b>Beverages – 0.3%</b>		
The Coca-Cola Company	71,162	4,476,801
<b>Food and staples retailing – 0.7%</b>		
Walmart, Inc.	77,971	9,479,714
<b>Food products – 2.9%</b>		
Conagra Brands, Inc.	630,652	21,593,524
Mondelez International, Inc., Class A	25,565	1,587,331
Tyson Foods, Inc., Class A	194,720	16,757,603
		39,938,458
<b>Household products – 1.7%</b>		
Kimberly-Clark Corp.	170,952	23,104,163
<b>Tobacco – 1.5%</b>		
Philip Morris International, Inc.	201,554	19,901,442
		96,900,578
<b>Energy – 7.6%</b>		
<b>Oil, gas and consumable fuels – 7.6%</b>		
Chevron Corp.	18,827	2,725,773
Enbridge, Inc.	87,400	3,693,524
EOG Resources, Inc.	131,617	14,535,781
Exxon Mobil Corp.	201,849	17,286,348
Hess Corp.	71,834	7,610,094
Occidental Petroleum Corp.	61,443	3,617,764
Targa Resources Corp.	8,046	480,105
TC Energy Corp.	305,459	15,825,831
TotalEnergies SE	558,659	29,406,115
TotalEnergies SE, ADR	167,719	8,828,728
		104,010,063
<b>Financials – 19.8%</b>		
<b>Banks – 7.0%</b>		
Bank of America Corp.	201,075	6,259,465
Citigroup, Inc.	152,700	7,022,673
Fifth Third Bancorp	392,195	13,177,752
Huntington Bancshares, Inc.	1,299,600	15,634,188
JPMorgan Chase & Co.	65,379	7,362,329
The PNC Financial Services Group, Inc.	27,306	4,308,068
Wells Fargo & Company	1,069,470	41,891,139
		95,655,614
<b>Capital markets – 3.7%</b>		
Franklin Resources, Inc.	50,305	1,172,610
Morgan Stanley	130,894	9,955,798
Raymond James Financial, Inc.	10,146	907,154
State Street Corp.	208,715	12,867,280
The Bank of New York Mellon Corp.	33,429	1,394,324
The Charles Schwab Corp.	108,312	6,843,152
The Goldman Sachs Group, Inc.	60,183	17,875,555
		51,015,873
<b>Diversified financial services – 1.6%</b>		
Apollo Global Management, Inc.	40,100	1,944,048
Equitable Holdings, Inc.	762,165	19,869,642
		21,813,690
<b>Insurance – 7.5%</b>		
American International Group, Inc.	583,809	29,850,154
Chubb, Ltd.	132,861	26,117,815
Loews Corp.	328,798	19,484,569
Marsh & McLennan Companies, Inc.	10,774	1,672,664
MetLife, Inc.	304,221	19,102,037

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
The Hartford Financial Services Group, Inc.	103,323	\$ 6,760,424
		102,987,663
		271,472,840
<b>Health care – 17.7%</b>		
<b>Biotechnology – 2.5%</b>		
AbbVie, Inc.	197,228	30,207,440
Biogen, Inc. (A)	15,139	3,087,448
Gilead Sciences, Inc.	17,461	1,079,264
		34,374,152
<b>Health care equipment and supplies – 3.7%</b>		
Becton, Dickinson and Company	96,636	23,823,673
Medtronic PLC	186,060	16,698,885
Zimmer Biomet Holdings, Inc.	94,684	9,947,501
		50,470,059
<b>Health care providers and services – 5.9%</b>		
Cardinal Health, Inc.	134,669	7,039,149
Centene Corp. (A)	120,047	10,157,177
Cigna Corp.	52,741	13,898,308
CVS Health Corp.	199,270	18,464,358
Elevance Health, Inc.	64,441	31,097,938
		80,656,930
<b>Pharmaceuticals – 5.6%</b>		
AstraZeneca PLC, ADR	116,058	7,667,952
GSK PLC	85,962	1,852,617
Johnson & Johnson	124,857	22,163,366
Merck & Company, Inc.	143,190	13,054,632
Pfizer, Inc.	343,451	18,007,136
Sanofi	94,837	9,563,934
Sanofi, ADR	109,112	5,458,873
		77,768,510
		243,269,651
<b>Industrials – 9.9%</b>		
<b>Aerospace and defense – 2.5%</b>		
L3Harris Technologies, Inc.	104,288	25,206,410
The Boeing Company (A)	70,334	9,616,064
		34,822,474
<b>Air freight and logistics – 2.5%</b>		
United Parcel Service, Inc., Class B	188,706	34,446,393
<b>Airlines – 0.3%</b>		
Southwest Airlines Company (A)	97,641	3,526,793
<b>Commercial services and supplies – 0.7%</b>		
Stericycle, Inc. (A)	222,512	9,757,151
<b>Industrial conglomerates – 3.0%</b>		
3M Company	18,400	2,381,144
General Electric Company	479,960	30,559,053
Siemens AG, ADR	176,550	9,018,174
		41,958,371
<b>Machinery – 0.8%</b>		
Cummins, Inc.	13,700	2,651,361
Flowsolve Corp.	39,087	1,119,061
PACCAR, Inc.	64,033	5,272,477
Stanley Black & Decker, Inc.	13,600	1,426,096
		10,468,995
<b>Professional services – 0.1%</b>		
Nielsen Holdings PLC	65,480	1,520,446
		136,500,623



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Information technology – 7.6%</b>		
<b>Communications equipment – 0.4%</b>		
Cisco Systems, Inc.	136,469	\$ 5,819,038
<b>Electronic equipment, instruments and components – 0.3%</b>		
TE Connectivity, Ltd.	31,553	3,570,222
<b>IT services – 0.7%</b>		
Fiserv, Inc. (A)	105,100	9,350,747
<b>Semiconductors and semiconductor equipment – 4.3%</b>		
Applied Materials, Inc.	103,810	9,444,634
NXP Semiconductors NV	18,755	2,776,303
Qualcomm, Inc.	255,077	32,583,536
Texas Instruments, Inc.	89,694	13,781,483
		58,585,956
<b>Software – 1.9%</b>		
Citrix Systems, Inc.	79,171	7,693,046
Microsoft Corp.	73,417	18,855,688
		26,548,734
		103,874,697
<b>Materials – 5.2%</b>		
<b>Chemicals – 3.5%</b>		
Akzo Nobel NV	51,514	3,368,906
CF Industries Holdings, Inc.	309,077	26,497,171
DuPont de Nemours, Inc.	13,952	775,452
International Flavors & Fragrances, Inc.	120,584	14,363,966
RPM International, Inc.	36,700	2,889,024
		47,894,519
<b>Containers and packaging – 1.7%</b>		
International Paper Company	567,625	23,743,754
		71,638,273
<b>Real estate – 4.4%</b>		
<b>Equity real estate investment trusts – 4.4%</b>		
Equity Residential	296,032	21,379,431
Rayonier, Inc.	308,402	11,528,067
Vornado Realty Trust	42,393	1,212,016
Welltower, Inc.	54,373	4,477,617
Weyerhaeuser Company	669,986	22,189,936
		60,787,067
<b>Utilities – 9.0%</b>		
<b>Electric utilities – 3.9%</b>		
NextEra Energy, Inc.	96,007	7,436,702
PG&E Corp. (A)	76,100	759,478
The Southern Company	549,604	39,192,261
Xcel Energy, Inc.	93,700	6,630,212
		54,018,653
<b>Multi-utilities – 5.1%</b>		
Ameren Corp.	113,777	10,280,890
Dominion Energy, Inc.	204,397	16,312,925
NiSource, Inc.	491,530	14,495,220
Sempra Energy	192,766	28,966,947
		70,055,982
		124,074,635
<b>TOTAL COMMON STOCKS (Cost \$1,101,091,734)</b>		<b>\$ 1,332,118,692</b>
<b>PREFERRED SECURITIES – 1.6%</b>		
<b>Health care – 0.4%</b>		
<b>Health care equipment and supplies – 0.4%</b>		
Becton, Dickinson and Company, 6.000%	109,565	5,419,085
<b>Utilities – 1.2%</b>		
<b>Electric utilities – 0.8%</b>		
NextEra Energy, Inc., 5.279%	88,679	4,402,912

## Equity Income Trust (continued)

	Shares or Principal Amount	Value
<b>PREFERRED SECURITIES (continued)</b>		
<b>Electric utilities (continued)</b>		
The Southern Company, 6.750%	126,472	\$ 6,700,487
		11,103,399
<b>Multi-utilities – 0.4%</b>		
NiSource, Inc., 7.750%	43,267	4,920,323
		16,023,722
<b>TOTAL PREFERRED SECURITIES (Cost \$20,516,511)</b>		<b>\$ 21,442,807</b>
<b>SHORT-TERM INVESTMENTS – 1.1%</b>		
<b>Short-term funds – 1.1%</b>		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (B)		
	3,002,864	3,002,864
T. Rowe Price Government Reserve Fund, 0.6654% (B)		
	12,540,103	12,540,103
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$15,542,967)</b>		<b>\$ 15,542,967</b>
<b>Total Investments (Equity Income Trust) (Cost \$1,137,151,212) – 99.7%</b>		
<b>Other assets and liabilities, net – 0.3%</b>		
<b>TOTAL NET ASSETS – 100.0%</b>		

### Security Abbreviations and Legend

ADR	American Depository Receipt
(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 6-30-22.

## Financial Industries Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.6%</b>		
<b>Financials – 93.5%</b>		
<b>Banks – 50.6%</b>		
1st Source Corp.	21,215	\$ 963,161
American Business Bank (A)	27,647	1,104,498
Atlantic Union Bankshares Corp.	47,523	1,611,980
Bank of America Corp.	116,986	3,641,774
Bank of Marin Bancorp	38,020	1,208,276
BayCom Corp.	37,730	780,256
Business First Bancshares, Inc.	34,109	726,863
California BanCorp (A)	27,567	524,049
Cambridge Bancorp	20,031	1,656,564
Central Valley Community Bancorp	27,200	394,400
Citizens Community Bancorp, Inc.	20,008	276,711
Citizens Financial Group, Inc.	86,527	3,088,149
Close Brothers Group PLC	11,253	141,456
Coastal Financial Corp. (A)	30,743	1,171,923
Comerica, Inc.	37,500	2,751,750
East West Bancorp, Inc.	54,062	3,503,218
Evans Bancorp, Inc.	16,798	570,964
Fifth Third Bancorp	118,239	3,972,830
First Interstate BancSystem, Inc., Class A	8,355	318,409
First Merchants Corp.	48,056	1,711,755
German American Bancorp, Inc.	13,071	446,767
HBT Financial, Inc.	41,534	742,213
Heritage Commerce Corp.	41,523	443,881
Independent Bank Corp. (Massachusetts)	16,070	1,276,440
JPMorgan Chase & Co.	24,739	2,785,859
KeyCorp	159,210	2,743,188
Landmark Bancorp, Inc.	12,764	323,440
Limestone Bancorp, Inc.	5,901	108,637
Live Oak Bancshares, Inc.	24,594	833,491
M&T Bank Corp.	30,580	4,874,142

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Financial Industries Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Mid Penn Bancorp, Inc.	13,471	\$ 363,313
Nicolet Bankshares, Inc. (A)	20,951	1,515,595
Nordea Bank ABP (Nasdaq Stockholm Exchange)	154,402	1,363,913
Pinnacle Financial Partners, Inc.	36,018	2,604,462
Popular, Inc.	31,043	2,388,138
Premier Financial Corp.	42,996	1,089,949
Shore Bancshares, Inc.	10,670	197,395
Southern First Bancshares, Inc. (A)	12,586	548,624
Stock Yards Bancorp, Inc.	34,539	2,066,123
SVB Financial Group (A)	5,462	2,157,435
Synovus Financial Corp.	91,311	3,291,762
The First Bancshares, Inc.	18,748	536,193
TriCo Bancshares	49,834	2,274,424
U.S. Bancorp	32,894	1,513,782
Webster Financial Corp.	30,589	1,289,326
Zions Bancorp NA	63,940	3,254,546
		71,152,024
<b>Capital markets – 15.3%</b>		
AllianceBernstein Holding LP	93,920	3,905,194
Ameriprise Financial, Inc.	10,541	2,505,385
Ares Management Corp., Class A	12,208	694,147
Brookfield Asset Management, Inc., Class A	55,655	2,474,978
CME Group, Inc.	19,441	3,979,573
Morgan Stanley	39,420	2,998,285
Onex Corp.	34,984	1,742,134
Raymond James Financial, Inc.	35,908	3,210,534
		21,510,230
<b>Consumer finance – 2.5%</b>		
American Express Company	25,120	3,482,134
<b>Diversified financial services – 3.1%</b>		
Berkshire Hathaway, Inc., Class B (A)	11,474	3,132,631
Eurazeo SE	20,968	1,302,618
		4,435,249
<b>Insurance – 21.5%</b>		
American International Group, Inc.	75,101	3,839,914
Arthur J. Gallagher & Company	24,235	3,951,274
Chubb, Ltd.	18,143	3,566,551
Markel Corp. (A)	3,080	3,983,210
MetLife, Inc.	64,150	4,027,979
Reinsurance Group of America, Inc.	18,392	2,157,198
The Allstate Corp.	17,410	2,206,369
The Hartford Financial Services Group, Inc.	37,983	2,485,228
Unum Group	118,419	4,028,614
		30,246,337
<b>Thriffs and mortgage finance – 0.5%</b>		
ESSA Bancorp, Inc.	16,786	282,005
OP Bancorp	16,150	169,414
Timberland Bancorp, Inc.	8,207	205,175
		656,594
		131,482,568
<b>Information technology – 1.6%</b>		
<b>IT services – 1.6%</b>		
Visa, Inc., Class A	11,528	2,269,748
<b>Real estate – 3.5%</b>		
<b>Equity real estate investment trusts – 2.9%</b>		
Prologis, Inc.	21,106	2,483,121

## Financial Industries Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Rexford Industrial Realty, Inc.	28,572	\$ 1,645,461
		4,128,582
<b>Real estate management and development – 0.6%</b>		
VGP NV	4,815	768,094
		4,896,676
<b>TOTAL COMMON STOCKS (Cost \$145,112,618)</b>		<b>\$ 138,648,992</b>
<b>SHORT-TERM INVESTMENTS – 1.3%</b>		
<b>Repurchase agreement – 1.3%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-22 at 0.240% to be repurchased at \$1,858,012 on 7-1-22, collateralized by \$1,897,300 U.S. Treasury Notes, 3.000% due 6-30-24 (valued at \$1,895,224)		
	\$ 1,858,000	1,858,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$1,858,000)</b>		<b>\$ 1,858,000</b>
<b>Total Investments (Financial Industries Trust) (Cost \$146,970,618) – 99.9%</b>		<b>\$ 140,506,992</b>
<b>Other assets and liabilities, net – 0.1%</b>		<b>136,313</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 140,643,305</b>

### Security Abbreviations and Legend

(A) Non-income producing security.

## Fundamental All Cap Core Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.7%</b>		
<b>Communication services – 14.3%</b>		
<b>Entertainment – 3.6%</b>		
Liberty Media Corp.-Liberty Formula One, Series C (A)	1,073,829	\$ 68,155,927
<b>Interactive media and services – 10.7%</b>		
Alphabet, Inc., Class A (A)	54,687	119,177,191
CarGurus, Inc. (A)	1,317,744	28,318,319
Meta Platforms, Inc., Class A (A)	327,334	52,782,608
		200,278,118
		268,434,045
<b>Consumer discretionary – 22.8%</b>		
<b>Household durables – 6.5%</b>		
Lennar Corp., A Shares	1,457,012	102,821,337
NVR, Inc. (A)	4,693	18,791,429
		121,612,766
<b>Internet and direct marketing retail – 8.2%</b>		
Amazon.com, Inc. (A)	1,435,560	152,470,828
<b>Leisure products – 2.5%</b>		
Polaris, Inc.	471,555	46,815,980
<b>Specialty retail – 3.5%</b>		
Dufry AG (A)	817,586	26,530,653
Group 1 Automotive, Inc.	231,646	39,333,491
		65,864,144
<b>Textiles, apparel and luxury goods – 2.1%</b>		
Canada Goose Holdings, Inc. (A)	1,345,826	24,238,326
Salvatore Ferragamo SpA	1,019,373	15,747,445
		39,985,771
		426,749,489

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Fundamental All Cap Core Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Consumer staples – 5.3%</b>		
<b>Beverages – 1.9%</b>		
Anheuser-Busch InBev SA/NV, ADR	243,394	\$ 13,131,106
The Boston Beer Company, Inc., Class A (A)	76,020	23,031,779
		36,162,885
<b>Food products – 2.4%</b>		
Post Holdings, Inc. (A)	348,405	28,691,152
The Hain Celestial Group, Inc. (A)	691,576	16,418,014
		45,109,166
<b>Personal products – 1.0%</b>		
BellRing Brands, Inc. (A)	753,443	18,753,196
		100,025,247
<b>Energy – 5.5%</b>		
<b>Oil, gas and consumable fuels – 5.5%</b>		
Cheniere Energy, Inc.	459,928	61,184,222
Suncor Energy, Inc.	1,188,776	41,690,374
		102,874,596
<b>Financials – 18.5%</b>		
<b>Banks – 3.5%</b>		
First Hawaiian, Inc.	2,882,009	65,450,424
<b>Capital markets – 14.5%</b>		
KKR & Company, Inc.	1,573,273	72,826,807
Morgan Stanley	1,181,903	89,895,542
S&P Global, Inc.	124,512	41,968,015
The Goldman Sachs Group, Inc.	226,007	67,128,599
		271,818,963
<b>Consumer finance – 0.5%</b>		
Synchrony Financial	335,061	9,254,385
		346,523,772
<b>Health care – 4.6%</b>		
<b>Biotechnology – 3.0%</b>		
Alnylam Pharmaceuticals, Inc. (A)	179,855	26,231,852
Moderna, Inc. (A)	215,176	30,737,892
		56,969,744
<b>Health care equipment and supplies – 1.6%</b>		
Hologic, Inc. (A)	213,187	14,773,859
Masimo Corp. (A)	109,791	14,346,390
		29,120,249
		86,089,993
<b>Industrials – 4.0%</b>		
<b>Electrical equipment – 1.4%</b>		
Regal Rexnord Corp.	134,449	15,262,650
Sensata Technologies Holding PLC	261,173	10,789,057
		26,051,707
<b>Machinery – 1.2%</b>		
Parker-Hannifin Corp.	94,151	23,165,854
<b>Trading companies and distributors – 1.4%</b>		
United Rentals, Inc. (A)	105,473	25,620,446
		74,838,007
<b>Information technology – 19.6%</b>		
<b>Semiconductors and semiconductor equipment – 4.4%</b>		
Analog Devices, Inc.	257,336	37,594,216
NVIDIA Corp.	300,701	45,583,265
		83,177,481
<b>Software – 11.0%</b>		
Autodesk, Inc. (A)	162,674	27,973,421
DocuSign, Inc. (A)	263,255	15,105,572
Roper Technologies, Inc.	81,060	31,990,329
salesforce.com, Inc. (A)	399,710	65,968,138

## Fundamental All Cap Core Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
Workday, Inc., Class A (A)	464,255	\$ 64,800,713
		205,838,173
<b>Technology hardware, storage and peripherals – 4.2%</b>		
Apple, Inc.	568,999	77,793,543
		366,809,197
<b>Materials – 1.1%</b>		
<b>Chemicals – 1.1%</b>		
Axalta Coating Systems, Ltd. (A)	950,781	21,021,768
<b>Real estate – 3.0%</b>		
<b>Equity real estate investment trusts – 2.5%</b>		
American Tower Corp.	113,384	28,979,817
Crown Castle International Corp.	102,374	17,237,734
		46,217,551
<b>Real estate management and development – 0.5%</b>		
Five Point Holdings LLC, Class A (A)	2,500,189	9,775,739
		55,993,290
<b>TOTAL COMMON STOCKS (Cost \$1,440,585,961)</b>		<b>\$ 1,849,359,404</b>
<b>SHORT-TERM INVESTMENTS – 1.2%</b>		
<b>U.S. Government Agency – 0.5%</b>		
Federal Agricultural Mortgage Corp.		
Discount Note		
1.370%, 06/24/2022 *	\$ 10,700,000	10,700,000
<b>Repurchase agreement – 0.7%</b>		
Repurchase Agreement with State Street		
Corp. dated 6-30-22 at 0.240% to be		
repurchased at \$12,971,086 on 7-1-22,		
collateralized by \$13,245,000		
U.S. Treasury Notes, 3.000% due		
6-30-24 (valued at \$13,230,510)		
	12,971,000	12,971,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$23,670,593)</b>		<b>\$ 23,671,000</b>
<b>Total Investments (Fundamental All Cap Core Trust)</b>		
<b>(Cost \$1,464,256,554) – 99.9%</b>		
		<b>\$ 1,873,030,404</b>
<b>Other assets and liabilities, net – 0.1%</b>		
		<b>1,369,015</b>
<b>TOTAL NET ASSETS – 100.0%</b>		
		<b>\$ 1,874,399,419</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
*	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.

## Fundamental Large Cap Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.1%</b>		
<b>Communication services – 9.1%</b>		
<b>Interactive media and services – 3.8%</b>		
Alphabet, Inc., Class A (A)	8,127	\$ 17,710,846
Meta Platforms, Inc., Class A (A)	54,440	8,778,450
		26,489,296
<b>Media – 5.3%</b>		
Comcast Corp., Class A	712,208	27,947,042
Liberty Broadband Corp., Series A (A)	74,259	8,432,109
		36,379,151
		62,868,447

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Consumer discretionary – 6.4%</b>		
<b>Household durables – 2.9%</b>		
Lennar Corp., A Shares	283,406	\$ 19,999,961
<b>Internet and direct marketing retail – 1.7%</b>		
eBay, Inc.	285,688	11,904,619
<b>Specialty retail – 1.8%</b>		
CarMax, Inc. (A)	94,660	8,564,837
Duffry AG (A)	127,744	4,145,291
		12,710,128
		44,614,708
<b>Consumer staples – 9.8%</b>		
<b>Beverages – 2.7%</b>		
Anheuser-Busch InBev SA/NV, ADR	215,540	11,628,383
Heineken Holding NV	95,873	6,964,657
		18,593,040
<b>Food and staples retailing – 2.9%</b>		
Walmart, Inc.	164,542	20,005,016
<b>Food products – 3.4%</b>		
Danone SA	184,413	10,327,532
Post Holdings, Inc. (A)	165,539	13,632,137
		23,959,669
<b>Personal products – 0.8%</b>		
BellRing Brands, Inc. (A)	209,868	5,223,615
		67,781,340
<b>Energy – 8.1%</b>		
<b>Oil, gas and consumable fuels – 8.1%</b>		
Cheniere Energy, Inc.	166,429	22,140,050
Chevron Corp.	66,988	9,698,523
Kinder Morgan, Inc.	284,984	4,776,332
Suncor Energy, Inc.	555,354	19,476,265
		56,091,170
<b>Financials – 18.1%</b>		
<b>Banks – 7.0%</b>		
Bank of America Corp.	276,857	8,618,558
Citigroup, Inc.	289,849	13,330,156
JPMorgan Chase & Co.	102,714	11,566,624
Wells Fargo & Company	380,646	14,909,904
		48,425,242
<b>Capital markets – 10.7%</b>		
KKR & Company, Inc.	435,090	20,140,316
Morgan Stanley	154,865	11,779,032
Nasdaq, Inc.	90,090	13,742,329
State Street Corp.	295,028	18,188,476
The Goldman Sachs Group, Inc.	36,461	10,829,646
		74,679,799
<b>Consumer finance – 0.4%</b>		
American Express Company	20,890	2,895,772
		126,000,813
<b>Health care – 17.8%</b>		
<b>Biotechnology – 1.6%</b>		
Gilead Sciences, Inc.	89,153	5,510,547
Moderna, Inc. (A)	40,827	5,832,137
		11,342,684
<b>Health care equipment and supplies – 0.8%</b>		
Hologic, Inc. (A)	81,458	5,645,039
<b>Health care providers and services – 7.6%</b>		
Elevance Health, Inc.	75,438	36,404,870
HCA Healthcare, Inc.	30,090	5,056,925

## Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
UnitedHealth Group, Inc.	22,038	\$ 11,319,378
		52,781,173
<b>Life sciences tools and services – 1.7%</b>		
Danaher Corp.	46,843	11,875,637
<b>Pharmaceuticals – 6.1%</b>		
Elanco Animal Health, Inc. (A)	538,662	10,573,935
GSK PLC, ADR	306,794	13,354,743
Merck & Company, Inc.	112,172	10,226,721
Novartis AG, ADR	92,943	7,856,472
		42,011,871
		123,656,404
<b>Industrials – 13.4%</b>		
<b>Aerospace and defense – 5.2%</b>		
L3Harris Technologies, Inc.	30,304	7,324,477
Lockheed Martin Corp.	16,574	7,126,157
Raytheon Technologies Corp.	223,374	21,468,475
		35,919,109
<b>Electrical equipment – 1.0%</b>		
Sensata Technologies Holding PLC	162,252	6,702,630
<b>Machinery – 4.7%</b>		
Fortive Corp.	177,176	9,634,831
Parker-Hannifin Corp.	94,834	23,333,906
		32,968,737
<b>Trading companies and distributors – 2.5%</b>		
United Rentals, Inc. (A)	70,564	17,140,701
		92,731,177
<b>Information technology – 10.5%</b>		
<b>Electronic equipment, instruments and components – 1.5%</b>		
Vontier Corp.	442,154	10,165,120
<b>Semiconductors and semiconductor equipment – 1.1%</b>		
Analog Devices, Inc.	54,378	7,944,082
<b>Software – 6.9%</b>		
Microsoft Corp.	74,639	19,169,534
Oracle Corp.	413,360	28,881,463
		48,050,997
<b>Technology hardware, storage and peripherals – 1.0%</b>		
Samsung Electronics Company, Ltd.	157,290	6,937,645
		73,097,844
<b>Materials – 1.9%</b>		
<b>Chemicals – 1.9%</b>		
Axalta Coating Systems, Ltd. (A)	290,592	6,424,989
LyondellBasell Industries NV, Class A	73,401	6,419,651
		12,844,640
<b>Real estate – 3.0%</b>		
<b>Equity real estate investment trusts – 3.0%</b>		
American Tower Corp.	82,082	20,979,338
<b>TOTAL COMMON STOCKS (Cost \$591,571,759)</b>		<b>\$ 680,665,881</b>
<b>ESCROW CERTIFICATES - 0.0%</b>		
Sino Forest Corp. (A)(B)	\$ 3,244,100	0
<b>TOTAL ESCROW CERTIFICATES (Cost \$0)</b>		<b>\$ 0</b>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Fundamental Large Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS – 1.8%</b>		
<b>Repurchase agreement – 1.8%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-22 at 0.240% to be repurchased at \$12,665,084 on 7-1-22, collateralized by \$12,932,500 U.S. Treasury Notes, 3.000% due 6-30-24 (valued at \$12,918,352)	\$ 12,665,000	\$ 12,665,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$12,665,000)</b>		<b>\$ 12,665,000</b>
<b>Total Investments (Fundamental Large Cap Value Trust) (Cost \$604,236,759) – 99.9%</b>		<b>\$ 693,330,881</b>
<b>Other assets and liabilities, net – 0.1%</b>		<b>901,847</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 694,232,728</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	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.

## Global Equity Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 97.9%</b>		
<b>Australia - 1.0%</b>		
BHP Group, Ltd.	101,106	\$ 2,895,031
<b>France - 12.8%</b>		
Air Liquide SA	50,651	6,817,797
Capgemini SE	23,155	3,993,331
Carrefour SA	225,064	3,995,198
Cie Generale des Etablissements Michelin SCA	121,084	3,306,936
Sanofi	81,701	8,239,259
TotalEnergies SE	182,085	9,584,442
		35,936,963
<b>Germany - 1.0%</b>		
Deutsche Post AG	73,550	2,776,977
<b>Ireland - 1.2%</b>		
CRH PLC	95,098	3,277,125
<b>Japan - 7.2%</b>		
FANUC Corp.	29,971	4,697,634
Mitsubishi Estate Company, Ltd.	306,869	4,447,559
Sumitomo Mitsui Financial Group, Inc.	176,700	5,252,425
Tokyo Electric Power Company Holdings, Inc. (A)	1,400,900	5,860,257
		20,257,875
<b>Netherlands - 4.5%</b>		
ING Groep NV	463,735	4,568,554
Koninklijke Ahold Delhaize NV	168,144	4,376,642
Stellantis NV	290,897	3,611,427
		12,556,623
<b>Spain - 1.5%</b>		
Amadeus IT Group SA (A)	74,744	4,185,245
<b>Switzerland - 4.8%</b>		
Chubb, Ltd.	25,544	5,021,440
Roche Holding AG	25,724	8,599,529
		13,620,969
<b>United Kingdom - 8.5%</b>		
Amcor PLC, CHESS Depositary Interest	466,362	5,830,920
Associated British Foods PLC	223,843	4,319,181

## Global Equity Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
AstraZeneca PLC	40,224	\$ 5,306,424
Ferguson PLC	21,514	2,410,053
Reckitt Benckiser Group PLC	79,141	5,952,375
		23,818,953
<b>United States - 55.4%</b>		
Alphabet, Inc., Class A (A)	5,568	12,134,120
Apple, Inc.	20,339	2,780,748
Arthur J. Gallagher & Company	37,618	6,133,239
AutoZone, Inc. (A)	2,700	5,802,624
Bank of America Corp.	127,103	3,956,716
Cisco Systems, Inc.	136,338	5,813,452
Comcast Corp., Class A	131,480	5,159,275
ConocoPhillips	79,698	7,157,677
Corteva, Inc.	187,915	10,173,718
Electronic Arts, Inc.	44,181	5,374,619
Freeport-McMoRan, Inc.	77,954	2,280,934
Huntington Bancshares, Inc.	271,664	3,268,118
Intercontinental Exchange, Inc.	34,509	3,245,226
Johnson & Johnson	65,184	11,570,812
Meta Platforms, Inc., Class A (A)	22,763	3,670,534
Microsoft Corp.	7,558,066	12,509,162
Northrop Grumman Corp.	6,791	3,249,969
Oracle Corp.	83,634	5,843,508
Otis Worldwide Corp.	81,572	5,764,693
Philip Morris International, Inc.	115,690	11,423,231
T-Mobile US, Inc. (A)	47,254	6,357,553
UnitedHealth Group, Inc.	18,848	9,680,898
Visa, Inc., Class A	7,163	1,410,323
Waste Management, Inc.	43,481	6,651,723
Wells Fargo & Company	104,660	4,099,532
		155,512,404
<b>TOTAL COMMON STOCKS (Cost \$277,956,159)</b>		<b>\$ 274,838,165</b>
<b>PREFERRED SECURITIES - 2.5%</b>		
<b>South Korea - 2.5%</b>		
Samsung Electronics Company, Ltd.	173,570	6,976,716
<b>TOTAL PREFERRED SECURITIES (Cost \$8,777,493)</b>		<b>\$ 6,976,716</b>
<b>SHORT-TERM INVESTMENTS - 0.7%</b>		
<b>Short-term funds - 0.7%</b>		
Federated Government Obligations Fund, Institutional Class, 1.3500% (B)	2,073,650	2,073,650
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$2,073,650)</b>		<b>\$ 2,073,650</b>
<b>Total Investments (Global Equity Trust) (Cost \$288,807,302) - 101.1%</b>		<b>\$ 283,888,531</b>
<b>Other assets and liabilities, net - (1.1%)</b>		<b>(3,047,472)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 280,841,059</b>

### Security Abbreviations and Legend

(A)	Non-income producing security.
(B)	The rate shown is the annualized seven-day yield as of 6-30-22.

## Health Sciences Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.9%</b>		
<b>Consumer discretionary – 0.2%</b>		
<b>Specialty retail – 0.2%</b>		
Warby Parker, Inc., Class A (A)	40,465	\$ 455,636

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Financials – 0.1%</b>		
<b>Capital markets – 0.1%</b>		
BCLS Acquisition Corp., Class A (A)	12,029	\$ 119,087
Health Sciences Acquisitions Corp. 2 (A)	13,354	133,006
		252,093
<b>Health care – 98.1%</b>		
<b>Biotechnology – 26.2%</b>		
Aadi Bioscience, Inc. (A)	5,700	70,224
AbbVie, Inc.	38,664	5,921,778
ACADIA Pharmaceuticals, Inc. (A)	25,508	359,408
Adagio Therapeutics, Inc. (A)	8,613	28,251
ADC Therapeutics SA (A)	23,188	184,345
Agiros Pharmaceuticals, Inc. (A)	10,518	233,184
Alectro, Inc. (A)	11,904	120,945
Allakos, Inc. (A)	9,617	30,101
Allogene Therapeutics, Inc. (A)	31,756	362,018
Alnylam Pharmaceuticals, Inc. (A)	24,443	3,565,012
Apellis Pharmaceuticals, Inc. (A)	20,441	924,342
Argenx SE, ADR (A)	15,599	5,910,149
Ascendis Pharma A/S, ADR (A)	14,765	1,372,554
Avidity Biosciences, Inc. (A)	23,072	335,236
BeiGene, Ltd., ADR (A)	3,085	499,307
Bicycle Therapeutics PLC, ADR (A)	7,229	121,303
Biogen, Inc. (A)	5,245	1,069,665
BioMarin Pharmaceutical, Inc. (A)	5,483	454,376
BioNTech SE, ADR	17,286	2,577,343
Blueprint Medicines Corp. (A)	12,795	646,275
Burning Rock Biotech, Ltd., ADR (A)	12,350	35,939
C4 Therapeutics, Inc. (A)	19,141	144,323
Celldex Therapeutics, Inc. (A)	12,361	333,253
Centessa Pharmaceuticals PLC, ADR (A)	18,009	87,704
Cerevel Therapeutics Holdings, Inc. (A)	32,149	850,020
CRISPR Therapeutics AG (A)	5,251	319,103
Cytokinetics, Inc. (A)	6,804	267,329
Day One Biopharmaceuticals, Inc. (A)	15,041	269,234
Deciphera Pharmaceuticals, Inc. (A)	1,900	24,985
Denali Therapeutics, Inc. (A)	26,879	791,049
Design Therapeutics, Inc. (A)	8,531	119,434
Enanta Pharmaceuticals, Inc. (A)	3,200	151,264
Entrada Therapeutics, Inc. (A)	11,328	137,975
EQRx, Inc. (A)	41,735	195,737
Exact Sciences Corp. (A)	24,957	983,056
Exelixis, Inc. (A)	53,854	1,121,240
Exscientia PLC, ADR (A)	4,147	45,161
Fate Therapeutics, Inc. (A)	21,179	524,816
F-star Therapeutics, Inc. (A)	12,596	78,851
Generation Bio Company (A)	37,692	247,260
Genmab A/S (A)	5,419	1,758,166
Global Blood Therapeutics, Inc. (A)	6,332	202,307
Ideaya Biosciences, Inc. (A)	16,335	225,423
IGM Biosciences, Inc. (A)	8,499	153,237
Imago Biosciences, Inc. (A)	16,360	219,060
Immuneering Corp., Class A (A)	29,676	160,547
Immunocore Holdings PLC, ADR (A)	5,762	214,980
Incyte Corp. (A)	26,873	2,041,542
Insmid, Inc. (A)	45,047	888,327
Intellia Therapeutics, Inc. (A)	7,193	372,310
Ionis Pharmaceuticals, Inc. (A)	28,633	1,059,994
Iovance Biotherapeutics, Inc. (A)	34,648	382,514
IVERIC bio, Inc. (A)	39,124	376,373
Karuna Therapeutics, Inc. (A)	7,268	919,475
Kodiak Sciences, Inc. (A)	10,699	81,740
Kronos Bio, Inc. (A)	2,083	7,582
Kymera Therapeutics, Inc. (A)	14,979	294,937
Legend Biotech Corp., ADR (A)	7,700	423,500
LianBio, ADR (A)	30,782	66,489

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Lyell Immunopharma, Inc. (A)	41,100	\$ 267,972
MeiraGTx Holdings PLC (A)	10,086	76,351
Mirati Therapeutics, Inc. (A)	5,986	401,840
Moderna, Inc. (A)	26,502	3,785,811
Monte Rosa Therapeutics, Inc. (A)	27,152	262,560
MoonLake Immunotherapeutics (A)	8,947	46,972
Morphic Holding, Inc. (A)	5,689	123,451
Neurocrine Biosciences, Inc. (A)	6,683	651,459
Nurix Therapeutics, Inc. (A)	10,120	128,220
Pardes Biosciences, Inc. (A)	29,022	89,098
Prelude Therapeutics, Inc. (A)	7,294	38,075
Progenics Pharmaceuticals, Inc. (A)(B)	21,900	23,181
Prothena Corp. PLC (A)	14,960	406,164
PTC Therapeutics, Inc. (A)	9,074	363,504
RAPT Therapeutics, Inc. (A)	14,949	272,819
Regeneron Pharmaceuticals, Inc. (A)	9,173	5,422,435
REGENXBIO, Inc. (A)	4,300	106,210
Relay Therapeutics, Inc. (A)	20,357	340,980
Repare Therapeutics, Inc. (A)	3,050	42,670
Replimune Group, Inc. (A)	22,880	399,942
Revolution Healthcare Acquisition Corp. (A)	31,883	311,178
REVOLUTION Medicines, Inc. (A)	19,042	371,129
Rocket Pharmaceuticals, Inc. (A)	8,094	111,373
Sage Therapeutics, Inc. (A)	13,342	430,947
Sana Biotechnology, Inc. (A)	17,907	115,142
Sarepta Therapeutics, Inc. (A)	9,316	698,327
Scholar Rock Holding Corp. (A)	30,404	166,918
Seagen, Inc. (A)	10,234	1,810,804
Senti Biosciences, Inc. (A)	18,789	36,920
SpringWorks Therapeutics, Inc. (A)	2,981	73,392
Stoke Therapeutics, Inc. (A)	8,627	113,963
Tenaya Therapeutics, Inc. (A)	14,265	80,312
Twist Bioscience Corp. (A)	8,130	284,225
Ultragenyx Pharmaceutical, Inc. (A)	29,622	1,767,249
uniQure NV (A)	10,600	197,584
United Therapeutics Corp. (A)	1,100	259,204
Vertex Pharmaceuticals, Inc. (A)	24,484	6,899,346
Voyager Therapeutics, Inc. (A)	10,500	62,055
Xencor, Inc. (A)	17,555	480,480
Zai Lab, Ltd., ADR (A)	8,301	287,879
Zentalis Pharmaceuticals, Inc. (A)	15,240	428,244
		69,598,437
<b>Health care equipment and supplies – 15.5%</b>		
Alcon, Inc.	17,881	1,253,843
Align Technology, Inc. (A)	1,387	328,261
AtriCure, Inc. (A)	5,462	223,177
Becton, Dickinson and Company	20,230	4,987,302
DexCom, Inc. (A)	19,304	1,438,727
Hologic, Inc. (A)	55,391	3,838,596
Inari Medical, Inc. (A)	4,923	334,715
Insulet Corp. (A)	6,760	1,473,274
Intuitive Surgical, Inc. (A)	38,515	7,730,346
iRhythm Technologies, Inc. (A)	7,244	782,569
Lantheus Holdings, Inc. (A)	11,933	787,936
Masimo Corp. (A)	1,897	247,881
Nevro Corp. (A)	4,319	189,302
Novocure, Ltd. (A)	22,727	1,579,527
Penumbra, Inc. (A)	10,000	1,245,200
PROCEPT BioRobotics Corp. (A)	17,903	585,249
QuidelOrtho Corp. (A)	11,827	1,149,348
Shockwave Medical, Inc. (A)	16,355	3,126,585
STERIS PLC	4,207	867,273
Stryker Corp.	27,545	5,479,527
Teleflex, Inc.	5,967	1,466,987

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
The Cooper Companies, Inc.	3,939	\$ 1,233,380
Zimmer Biomet Holdings, Inc.	8,655	909,294
		41,258,299
<b>Health care providers and services – 20.4%</b>		
Agiliti, Inc. (A)	19,494	399,822
agilon health, Inc. (A)	13,032	284,489
Alignment Healthcare, Inc. (A)	17,879	203,999
Centene Corp. (A)	75,832	6,416,146
Cigna Corp.	13,381	3,526,161
Elevance Health, Inc.	14,826	7,154,731
Guardant Health, Inc. (A)	15,624	630,272
HCA Healthcare, Inc.	10,441	1,754,714
Humana, Inc.	12,922	6,048,401
Molina Healthcare, Inc. (A)	12,174	3,403,972
Oak Street Health, Inc. (A)	7,898	129,843
Option Care Health, Inc. (A)	15,887	441,500
Sema4 Holdings Corp. (A)	30,292	38,168
Surgery Partners, Inc. (A)	13,376	386,834
UnitedHealth Group, Inc.	45,526	23,383,516
		54,202,568
<b>Health care technology – 1.9%</b>		
Certara, Inc. (A)	17,771	381,366
Doximity, Inc., Class A (A)	31,493	1,096,586
M3, Inc.	7,400	213,009
Phreesia, Inc. (A)	9,464	236,695
Sophia Genetics SA (A)	26,245	95,007
Veeva Systems, Inc., Class A (A)	14,531	2,877,719
		4,900,382
<b>Life sciences tools and services – 17.1%</b>		
10X Genomics, Inc., Class A (A)	11,696	529,244
Adaptive Biotechnologies Corp. (A)	25,114	203,172
Agilent Technologies, Inc.	38,213	4,538,558
Avantor, Inc. (A)	77,912	2,423,063
Bio-Techne Corp.	1,900	658,616
Bruker Corp.	34,100	2,140,116
Charles River Laboratories International, Inc. (A)	4,500	962,865
Danaher Corp.	41,336	10,479,503
Evotec SE (A)	14,301	346,639
Illumina, Inc. (A)	2,500	460,900
Lonza Group AG	942	503,157
Maravai LifeSciences Holdings, Inc., Class A (A)	13,748	390,581
Mettler-Toledo International, Inc. (A)	783	899,487
Olink Holding AB, ADR (A)	37,166	564,923
Pacific Biosciences of California, Inc. (A)	54,894	242,631
Quanterix Corp. (A)	9,989	161,722
Rapid Micro Biosystems, Inc., Class A (A)	15,325	65,898
Repligen Corp. (A)	3,287	533,809
Seer, Inc. (A)	19,716	176,458
SomaLogic, Inc. (A)	67,026	302,958
Thermo Fisher Scientific, Inc.	26,586	14,443,642
Waters Corp. (A)	2,847	942,300
West Pharmaceutical Services, Inc.	9,715	2,937,525
Wuxi Biologics Cayman, Inc. (A)(C)	57,500	532,762
		45,440,529
<b>Pharmaceuticals – 17.0%</b>		
Arvinas, Inc. (A)	11,123	468,167
Astellas Pharma, Inc.	32,600	508,615
AstraZeneca PLC, ADR	138,125	9,125,919
Bayer AG	7,565	451,754
Catalent, Inc. (A)	17,541	1,881,974
CinCor Pharma, Inc. (A)	9,989	188,193
Daiichi Sankyo Company, Ltd.	82,600	2,100,723

## Health Sciences Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
DICE Therapeutics, Inc. (A)	13,216	\$ 205,112
Elanco Animal Health, Inc. (A)	17,093	335,536
Eli Lilly & Company	36,418	11,807,808
Longboard Pharmaceuticals, Inc. (A)	6,452	19,937
Merck & Company, Inc.	67,027	6,110,852
Novo Nordisk A/S, B Shares	5,971	662,198
Pfizer, Inc.	130,057	6,818,889
Relmada Therapeutics, Inc. (A)	2,300	43,677
Roche Holding AG	5,461	1,825,611
Royalty Pharma PLC, Class A	30,049	1,263,260
Theseus Pharmaceuticals, Inc. (A)	20,251	111,988
Tricida, Inc. (A)	2,722	26,349
Zoetis, Inc.	6,780	1,165,414
		45,121,976
		260,522,191
<b>Industrials – 0.3%</b>		
<b>Industrial conglomerates – 0.3%</b>		
General Electric Company	12,242	779,448
<b>Information technology – 0.1%</b>		
<b>Electronic equipment, instruments and components – 0.1%</b>		
Shimadzu Corp.	6,700	212,360
<b>Materials – 0.1%</b>		
<b>Chemicals – 0.1%</b>		
Ginkgo Bioworks Holdings, Inc. (A)	78,858	187,682
<b>TOTAL COMMON STOCKS (Cost \$215,402,508)</b>		<b>\$ 262,409,410</b>
<b>PREFERRED SECURITIES – 0.5%</b>		
<b>Health care – 0.5%</b>		
<b>Health care equipment and supplies – 0.5%</b>		
Sartorius AG	3,895	1,367,023
<b>TOTAL PREFERRED SECURITIES (Cost \$668,525)</b>		<b>\$ 1,367,023</b>
<b>WARRANTS – 0.0%</b>		
<b>EQRx, Inc. (Expiration Date: 12-20-26; Strike Price: \$11.50) (A)</b>		
	4,502	3,851
<b>Sema4 Holdings Corp. (Expiration Date: 9-24-27; Strike Price: \$11.50) (A)</b>		
	4,862	1,580
<b>SomaLogic, Inc. (Expiration Date: 8-31-26; Strike Price: \$11.50) (A)</b>		
	2,050	1,558
<b>TOTAL WARRANTS (Cost \$29,139)</b>		<b>\$ 6,989</b>
<b>SHORT-TERM INVESTMENTS – 0.2%</b>		
<b>Short-term funds – 0.2%</b>		
<b>State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (D)</b>		
	503,177	503,177
<b>T. Rowe Price Government Reserve Fund, 0.6654% (D)</b>		
	113,601	113,601
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$616,778)</b>		<b>\$ 616,778</b>
<b>Total Investments (Health Sciences Trust) (Cost \$216,716,950) – 99.6%</b>		<b>\$ 264,400,200</b>
<b>Other assets and liabilities, net – 0.4%</b>		<b>993,860</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 265,394,060</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	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.

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Health Sciences Trust (continued)

- (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.
- (D) The rate shown is the annualized seven-day yield as of 6-30-22.

## International Equity Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 97.2%</b>		
<b>Australia - 4.8%</b>		
Ampol, Ltd.	8,214	\$ 193,871
APA Group	40,668	316,713
Aristocrat Leisure, Ltd.	20,772	494,084
ASX, Ltd.	6,673	377,189
Aurizon Holdings, Ltd.	63,445	166,862
Australia & New Zealand Banking Group, Ltd.	97,167	1,479,923
BHP Group, Ltd.	174,488	4,996,224
BlueScope Steel, Ltd.	18,252	201,112
Brambles, Ltd.	49,445	365,611
Cochlear, Ltd.	2,361	324,148
Coles Group, Ltd.	45,978	565,822
Commonwealth Bank of Australia	58,842	3,676,246
Computershare, Ltd.	18,728	319,372
CSL, Ltd.	16,501	3,063,821
Dexus	39,487	242,824
Domino's Pizza Enterprises, Ltd.	2,429	114,177
Endeavour Group, Ltd.	46,231	241,857
Evolution Mining, Ltd.	63,178	103,230
Fortescue Metals Group, Ltd.	58,369	701,873
Goodman Group	57,954	715,601
IDP Education, Ltd.	7,195	117,819
Insurance Australia Group, Ltd.	88,042	265,495
Lendlease Corp., Ltd.	25,385	159,899
Macquarie Group, Ltd.	12,452	1,417,735
Medibank Private, Ltd.	99,625	224,074
Mineral Resources, Ltd.	5,861	196,711
Mirvac Group	141,329	193,182
MMG, Ltd. (A)	148,000	54,952
National Australia Bank, Ltd.	112,790	2,138,820
Newcrest Mining, Ltd.	30,415	433,299
Northern Star Resources, Ltd.	39,419	184,903
Orica, Ltd.	15,709	171,867
Origin Energy, Ltd.	60,705	240,972
Qantas Airways, Ltd. (A)	31,854	98,583
QBE Insurance Group, Ltd.	50,892	427,639
Ramsay Health Care, Ltd.	6,659	337,282
REA Group, Ltd.	1,952	150,735
Reece, Ltd.	11,689	111,032
Rio Tinto, Ltd.	12,795	912,781
Santos, Ltd.	110,903	562,299
Scentre Group	178,901	321,226
SEEK, Ltd.	11,910	172,765
Sonic Healthcare, Ltd.	16,282	371,120
South32, Ltd.	112,851	305,791
South32, Ltd. (London Stock Exchange)	48,980	131,202
Stockland	87,409	218,241
Suncorp Group, Ltd.	43,519	331,865
Telstra Corp., Ltd.	142,830	379,896
The GPT Group	71,628	209,346
The Lottery Corp, Ltd. (A)	82,609	257,734
Transurban Group	105,808	1,052,717
Treasury Wine Estates, Ltd.	26,341	206,572
Vicinity Centres	148,057	188,086
Washington H. Soul Pattinson & Company, Ltd.	7,463	121,541
Wesfarmers, Ltd.	39,081	1,130,379

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
Westpac Banking Corp.	119,614	\$ 1,613,463
WiseTech Global, Ltd.	5,291	138,742
Woodside Energy Group, Ltd.	64,951	1,427,527
Woolworths Group, Ltd.	41,774	1,026,067
		36,664,919
<b>Austria - 0.1%</b>		
Erste Group Bank AG	11,747	298,508
OMV AG	5,543	260,693
Verbund AG	2,442	240,046
voestalpine AG	4,357	93,119
		892,366
<b>Belgium - 0.5%</b>		
Ageas SA/NV	6,383	281,444
Anheuser-Busch InBev SA/NV	29,951	1,612,927
D'ieteren Group	850	124,904
Elia Group SA/NV	1,148	163,040
Groupe Bruxelles Lambert SA	3,809	319,308
KBC Group NV	8,597	483,678
Proximus SADP	5,996	88,500
Sofina SA	537	110,076
Solvay SA	2,881	234,705
UCB SA	4,152	351,839
Umicore SA	7,155	250,813
Warehouses De Pauw CVA	5,082	160,359
		4,181,593
<b>Brazil - 1.0%</b>		
Ambev SA	172,330	441,243
Americanas SA	22,046	56,574
Atacadao SA	13,900	44,275
B3 SA - Brasil Bolsa Balcao	221,721	464,333
Banco Bradesco SA	51,325	141,026
Banco BTG Pactual SA	37,204	158,599
Banco do Brasil SA	28,713	183,137
Banco Santander Brasil SA	14,000	77,070
BB Seguridade Participacoes SA	24,400	121,034
BRF SA (A)	26,314	68,331
CCR SA	40,100	96,008
Centrais Eletricas Brasileiras SA	20,247	178,737
Centrais Eletricas Brasileiras SA, ADR (B)	1,429	12,704
Cia Brasileira de Distribuicao, ADR	628	1,947
Cia de Saneamento Basico do Estado de Sao Paulo	11,270	90,811
Cia Siderurgica Nacional SA, ADR (B)	11,800	34,574
Cosan SA	40,344	140,301
CPFL Energia SA	7,900	46,614
Energisa SA	6,100	47,031
Engie Brasil Energia SA	7,275	57,411
Equatorial Energia SA	34,400	150,130
Hapvida Participacoes e Investimentos S/A (C)	158,579	165,747
Hypera SA	14,108	102,546
Inter & Company, Inc., BDR	1,501	4,000
JBS SA	34,073	205,670
Klabin SA	24,000	92,635
Localiza Rent a Car SA	20,227	202,562
Lojas Renner SA	32,186	139,114
Magazine Luiza SA	94,607	42,301
Natura & Company Holding SA	26,929	69,053
Petro Rio SA (A)	24,100	101,264
Petroleo Brasileiro SA	133,229	777,463
Raia Drogasil SA	35,900	131,707
Rede D'Or Sao Luiz SA (C)	13,400	74,202
Rumo SA	45,451	138,695
Sendas Distribuidora SA	24,690	67,322



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Brazil (continued)</b>		
Suzano SA	22,263	\$ 211,380
Suzano SA, ADR (B)	3,164	29,995
Telefonica Brasil SA	9,652	86,792
Telefonica Brasil SA, ADR	6,017	54,514
TIM SA	28,020	68,317
TOTVS SA	17,746	78,872
Ultrapar Participacoes SA	25,400	59,745
Vale SA	136,650	1,999,049
Vibra Energia SA	44,000	140,489
WEG SA	56,116	283,612
		<hr/> 7,938,936
<b>Canada - 8.0%</b>		
Agnico Eagle Mines, Ltd.	15,723	719,701
Air Canada (A)	7,300	90,966
Algonquin Power & Utilities Corp. (B)	25,575	343,729
Alimentation Couche-Tard, Inc.	29,900	1,166,314
AltaGas, Ltd.	11,500	242,651
ARC Resources, Ltd.	23,500	296,306
Bank of Montreal	22,730	2,185,767
Barrick Gold Corp.	41,577	735,156
Barrick Gold Corp. (London Stock Exchange)	20,657	380,314
BCE, Inc.	2,924	143,724
BlackBerry, Ltd. (A)	21,000	113,223
Brookfield Asset Management, Inc., Class A	49,072	2,182,926
BRP, Inc.	1,300	80,008
CAE, Inc. (A)	12,000	295,712
Cameco Corp.	15,100	317,438
Canadian Apartment Properties REIT	3,400	118,387
Canadian Imperial Bank of Commerce	31,400	1,524,871
Canadian National Railway Company	20,300	2,283,435
Canadian Natural Resources, Ltd.	40,060	2,152,696
Canadian Pacific Railway, Ltd.	32,300	2,256,132
Canadian Tire Corp., Ltd., Class A	2,100	264,947
Canadian Utilities, Ltd., Class A	4,600	137,192
CCL Industries, Inc., Class B	5,400	255,233
Cenovus Energy, Inc.	47,759	908,653
CGI, Inc. (A)	7,900	629,324
Constellation Software, Inc.	700	1,039,162
Dollarama, Inc.	10,700	616,131
Emera, Inc.	9,500	445,036
Empire Company, Ltd., Class A	6,200	190,980
Enbridge, Inc.	69,000	2,913,953
Fairfax Financial Holdings, Ltd.	919	486,987
First Quantum Minerals, Ltd.	20,054	380,453
FirstService Corp.	1,500	181,953
Fortis, Inc. (B)	16,214	766,487
Franco-Nevada Corp.	6,553	861,990
George Weston, Ltd.	2,799	326,978
GFL Environmental, Inc.	6,400	164,873
Gildan Activewear, Inc.	7,300	210,119
Great-West Lifeco, Inc.	9,900	241,732
Hydro One, Ltd. (C)	11,900	319,965
iA Financial Corp., Inc.	4,100	203,917
IGM Financial, Inc.	3,000	80,407
Imperial Oil, Ltd.	8,630	406,828
Intact Financial Corp.	6,200	874,512
Ivanhoe Mines, Ltd., Class A (A)	23,800	137,009
Keyera Corp.	8,500	194,142
Kinross Gold Corp.	45,229	160,930
Lightspeed Commerce, Inc. (A)	4,400	98,104
Loblaw Companies, Ltd.	6,140	553,754
Lundin Mining Corp.	26,000	164,823
Magna International, Inc.	10,400	571,063

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
Manulife Financial Corp. (D)	68,000	\$ 1,179,117
Metro, Inc.	9,057	486,131
National Bank of Canada	11,500	754,665
Northland Power, Inc.	8,100	241,137
Nutrien, Ltd.	18,790	1,496,398
Nuvei Corp. (A)	2,600	93,965
Onex Corp.	2,700	134,455
Open Text Corp.	9,700	366,915
Pan American Silver Corp. (B)	7,300	143,425
Parkland Corp.	5,416	147,097
Pembina Pipeline Corp.	18,698	660,938
Power Corp. of Canada	20,512	527,779
Quebecor, Inc., Class B (B)	6,400	136,781
Restaurant Brands International, Inc.	10,546	529,021
RioCan Real Estate Investment Trust	6,300	97,985
Ritchie Brothers Auctioneers, Inc.	4,300	279,774
Rogers Communications, Inc., Class B	12,100	579,807
Royal Bank of Canada	48,600	4,705,954
Saputo, Inc. (B)	9,100	198,444
Shaw Communications, Inc., Class B	16,926	498,759
Shopify, Inc., Class A (A)	39,000	1,218,599
Sun Life Financial, Inc.	20,600	943,900
Suncor Energy, Inc.	48,935	1,716,831
TC Energy Corp.	34,197	1,771,485
Teck Resources, Ltd., Class B	16,161	494,171
TELUS Corp. (B)	16,945	377,419
TFI International, Inc. (B)	3,200	256,880
The Bank of Nova Scotia (B)	41,400	2,450,165
The Toronto-Dominion Bank	62,072	4,070,461
Thomson Reuters Corp.	5,854	610,277
TMX Group, Ltd.	2,000	203,543
Toromont Industries, Ltd.	3,200	258,745
Tourmaline Oil Corp.	10,700	556,363
West Fraser Timber Company, Ltd.	2,100	161,138
Wheaton Precious Metals Corp.	15,335	552,546
WSP Global, Inc.	4,300	486,189
		<hr/> 61,804,352
<b>Chile - 0.1%</b>		
Antofagasta PLC	15,127	213,608
Banco Santander Chile, ADR	5,508	89,725
Cencosud SA	61,383	78,129
Enel Americas SA, ADR	14,968	68,104
Enel Chile SA, ADR	18,222	20,226
Sociedad Quimica y Minera de Chile SA, ADR	4,430	370,038
		<hr/> 839,830
<b>China - 9.1%</b>		
360 DigiTech, Inc., ADR	2,900	50,170
37 Interactive Entertainment Network Technology Group Company, Ltd., Class A	4,700	14,964
3SBio, Inc. (C)	40,500	32,271
AAC Technologies Holdings, Inc. (B)	27,342	63,173
AECC Aviation Power Company, Ltd., Class A	3,600	24,478
Agricultural Bank of China, Ltd., Class A (A)	165,700	74,798
Agricultural Bank of China, Ltd., H Shares	1,000,000	378,056
Aier Eye Hospital Group Company, Ltd., Class A (A)	11,596	77,712
Air China, Ltd., H Shares (A)	84,534	73,672
Airtac International Group (A)	4,185	139,686
Alibaba Group Holding, Ltd. (A)	489,200	6,978,629
Alibaba Group Holding, Ltd., ADR (A)	3,828	435,167

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
A-Living Smart City Services Company, Ltd. (C)	15,500	\$ 24,952
Aluminum Corp. of China, Ltd., A Shares (A)	29,100	20,657
Aluminum Corp. of China, Ltd., H Shares	131,220	49,326
Anhui Conch Cement Company, Ltd., Class A	8,900	46,991
Anhui Conch Cement Company, Ltd., H Shares	44,290	192,215
Anhui Gujing Distillery Company, Ltd., B Shares	3,600	56,214
Anhui Gujing Distillery Company, Ltd., Class A	900	33,626
ANTA Sports Products, Ltd.	41,600	511,945
Autohome, Inc., ADR	2,600	102,258
AVIC Industry-Finance Holdings Company, Ltd., Class A	20,000	10,351
AviChina Industry & Technology Company, Ltd., H Shares	72,000	41,159
Baidu, Inc., ADR (A)	10,000	1,487,300
Bank of Beijing Company, Ltd., Class A	47,000	31,908
Bank of China, Ltd., Class A (A)	78,100	38,057
Bank of China, Ltd., H Shares	2,720,563	1,087,059
Bank of Communications Company, Ltd., Class A	87,300	65,008
Bank of Communications Company, Ltd., H Shares	292,527	202,765
Bank of Hangzhou Company, Ltd., Class A (A)	11,400	25,546
Bank of Jiangsu Company, Ltd., Class A	33,410	35,589
Bank of Nanjing Company, Ltd., Class A	13,600	21,200
Bank of Ningbo Company, Ltd., Class A	13,750	73,714
Bank of Shanghai Company, Ltd., Class A	31,610	30,963
Baoshan Iron & Steel Company, Ltd., Class A	41,300	37,190
Beijing Capital International Airport Company, Ltd., H Shares (A)	52,789	36,023
Beijing Shunxin Agriculture Company, Ltd., Class A	1,700	6,828
Beijing Yuanliu Hongyuan Electronic Technology Company, Ltd., Class A	500	10,041
Beijing-Shanghai High Speed Railway Company, Ltd., Class A	84,100	63,143
Bilibili, Inc., ADR (A)(B)	5,800	148,480
BOE Technology Group Company, Ltd., Class A	75,300	44,361
BYD Company, Ltd., Class A	4,000	199,865
BYD Company, Ltd., H Shares	28,105	1,132,898
BYD Electronic International Company, Ltd.	22,500	71,209
CanSino Biologics, Inc., Class A (A)	254	7,557
CanSino Biologics, Inc., H Shares (A)(B)(C)	2,400	24,629
CGN Power Company, Ltd., H Shares (C)	317,000	76,790
Changchun High & New Technology Industry Group, Inc., Class A	800	27,964
China Cinda Asset Management Company, Ltd., H Shares	304,800	47,829
China CITIC Bank Corp., Ltd., H Shares	310,800	139,212
China Coal Energy Company, Ltd., H Shares	70,000	59,150
China Communications Services Corp., Ltd., H Shares	129,600	57,010
China Conch Venture Holdings, Ltd.	57,900	126,290
China Construction Bank Corp., Class A	15,400	13,954

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
China Construction Bank Corp., H Shares	3,285,914	\$ 2,215,532
China Eastern Airlines Corp., Ltd., Class A (A)	15,800	12,984
China Everbright Bank Company, Ltd., Class A	88,600	39,885
China Everbright Bank Company, Ltd., H Shares	120,000	38,891
China Evergrande Group (A)	65,959	8,707
China Feihe, Ltd. (C)	119,000	137,022
China Galaxy Securities Company, Ltd., H Shares	129,500	74,917
China Greatwall Technology Group Company, Ltd., Class A	6,500	10,531
China Hongqiao Group, Ltd.	78,000	87,870
China Huishan Dairy Holdings Company, Ltd. (A)(E)	225,000	0
China International Capital Corp., Ltd., H Shares (C)	52,000	111,032
China Lesso Group Holdings, Ltd.	36,000	54,493
China Life Insurance Company, Ltd., Class A	4,500	20,938
China Life Insurance Company, Ltd., H Shares	248,624	434,034
China Literature, Ltd. (A)(C)	14,000	67,815
China Longyuan Power Group Corp., Ltd., H Shares	114,000	220,928
China Medical System Holdings, Ltd.	48,300	75,300
China Meidong Auto Holdings, Ltd.	18,000	57,199
China Merchants Bank Company, Ltd., Class A	45,900	290,273
China Merchants Bank Company, Ltd., H Shares	131,823	890,389
China Merchants Securities Company, Ltd., Class A	16,510	35,602
China Merchants Shekou Industrial Zone Holdings Company, Ltd., Class A	17,600	35,375
China Minsheng Banking Corp., Ltd., Class A	78,880	43,864
China Minsheng Banking Corp., Ltd., H Shares	194,496	69,437
China National Building Material Company, Ltd., H Shares	138,000	147,820
China National Nuclear Power Company, Ltd., Class A	20,900	21,458
China Oilfield Services, Ltd., H Shares	56,000	54,682
China Pacific Insurance Group Company, Ltd., Class A (A)	14,000	49,346
China Pacific Insurance Group Company, Ltd., H Shares	94,100	231,110
China Petroleum & Chemical Corp., Class A	56,700	34,528
China Petroleum & Chemical Corp., H Shares	873,361	393,536
China Railway Group, Ltd., Class A	30,000	27,547
China Railway Group, Ltd., H Shares	126,000	77,999
China Resources Mixc Lifestyle Services, Ltd. (C)	23,400	116,249
China Shenhua Energy Company, Ltd., Class A	9,800	48,718
China Shenhua Energy Company, Ltd., H Shares	113,500	325,550
China Southern Airlines Company, Ltd., Class A (A)	13,800	15,105
China Southern Airlines Company, Ltd., H Shares (A)	64,000	37,109

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
China State Construction Engineering Corp., Ltd., Class A	93,340	\$ 74,182
China Suntain Green Energy Corp., Ltd., H Shares	60,000	30,563
China Three Gorges Renewables Group Company, Ltd., Class A	58,700	55,219
China Tourism Group Duty Free Corp., Ltd., Class A (A)	4,300	149,910
China Tower Corp., Ltd., H Shares (C)	1,496,000	192,763
China Vanke Company, Ltd., Class A	21,600	66,162
China Vanke Company, Ltd., H Shares	56,900	143,262
China Yangtze Power Company, Ltd., Class A	48,900	168,999
Chinasoft International, Ltd. (A)	86,000	88,260
Chongqing Zhifei Biological Products Company, Ltd., Class A	3,100	51,485
CIFI Ever Sunshine Services Group, Ltd.	22,000	28,202
CIFI Holdings Group Company, Ltd.	145,767	73,478
CITIC Securities Company, Ltd., Class A	25,185	81,774
CITIC Securities Company, Ltd., H Shares	86,825	194,625
CITIC, Ltd.	207,967	212,005
CMOC Group, Ltd., Class A	28,400	24,303
CMOC Group, Ltd., H Shares	129,000	72,035
Contemporary Amperex Technology Company, Ltd., Class A	4,900	392,551
COSCO SHIPPING Holdings Company, Ltd., Class A	26,000	54,140
COSCO SHIPPING Holdings Company, Ltd., H Shares	119,600	167,876
Country Garden Holdings Company, Ltd.	270,117	168,575
Country Garden Services Holdings Company, Ltd.	69,000	309,663
CRRC Corp., Ltd., H Shares	145,000	54,046
CSC Financial Company, Ltd., Class A	6,200	26,859
CSPC Pharmaceutical Group, Ltd.	303,120	302,976
Dali Foods Group Company, Ltd. (C)	73,000	38,827
Daqo New Energy Corp., ADR (A)	2,500	178,450
Dongfeng Motor Group Company, Ltd., H Shares	91,220	69,446
Dongyue Group, Ltd.	49,000	61,469
East Money Information Company, Ltd., Class A	25,747	98,065
Ecovacs Robotics Company, Ltd., Class A	2,300	41,996
ENN Energy Holdings, Ltd.	26,600	439,664
Eve Energy Company, Ltd., Class A (A)	4,181	61,248
Everbright Securities Company, Ltd., Class A	8,700	20,520
Flat Glass Group Company, Ltd., H Shares (A)	23,000	80,968
Focus Media Information Technology Company, Ltd., Class A	32,700	32,956
Foshan Haitian Flavouring & Food Company, Ltd., Class A	8,580	116,130
Fosun International, Ltd.	85,000	78,520
Founder Securities Company, Ltd., Class A	13,200	13,255
Foxconn Industrial Internet Company, Ltd., Class A	6,400	9,422
Fuyao Glass Industry Group Company, Ltd., Class A	4,500	28,099
Fuyao Glass Industry Group Company, Ltd., H Shares (C)	20,800	105,226
Ganfeng Lithium Company, Ltd., Class A	2,400	53,514
Ganfeng Lithium Company, Ltd., H Shares (B)(C)	12,040	132,700

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
GCL System Integration Technology Company, Ltd., Class A (A)	60,900	\$ 33,902
GDS Holdings, Ltd., ADR (A)	3,400	113,526
Gemdale Corp., Class A	7,300	14,675
Genscript Biotech Corp. (A)	40,000	145,453
GF Securities Company, Ltd., Class A	13,200	36,989
GF Securities Company, Ltd., H Shares	47,800	63,333
Gigadevice Semiconductor Beijing, Inc., Class A	1,372	29,294
GoerTek, Inc., Class A	5,200	26,119
Great Wall Motor Company, Ltd., H Shares	104,500	216,441
Greentown China Holdings, Ltd.	29,000	60,298
Greentown Service Group Company, Ltd.	48,000	54,331
Guangdong Haid Group Company, Ltd., Class A	3,500	31,406
Guangzhou Automobile Group Company, Ltd., H Shares	100,310	97,315
Guangzhou Baiyunshan Pharmaceutical Holdings Company, Ltd., Class A	2,300	10,853
Guosen Securities Company, Ltd., Class A	6,600	9,462
Guotai Junan Securities Company, Ltd., Class A	16,700	38,015
Haidilao International Holding, Ltd. (A)(B)(C)	38,000	88,973
Haier Smart Home Company, Ltd., Class A	13,600	55,932
Haier Smart Home Company, Ltd., H Shares	83,800	311,900
Haitian International Holdings, Ltd.	21,000	53,718
Haitong Securities Company, Ltd., Class A	18,000	26,439
Haitong Securities Company, Ltd., H Shares	113,200	83,330
Hangzhou First Applied Material Company, Ltd., Class A	3,920	38,513
Hangzhou Silan Microelectronics Company, Ltd., Class A (A)	2,600	20,283
Hangzhou Tigermed Consulting Company, Ltd., A Shares	1,700	29,134
Hangzhou Tigermed Consulting Company, Ltd., H Shares (C)	4,100	47,550
Hansoh Pharmaceutical Group Company, Ltd. (C)	40,000	80,998
Henan Shuanghui Investment & Development Company, Ltd., Class A	4,400	19,283
Hengan International Group Company, Ltd.	25,000	117,676
Hengli Petrochemical Company, Ltd., Class A	9,500	31,622
Hithink RoyalFlush Information Network Company, Ltd., Class A	900	12,968
Hua Hong Semiconductor, Ltd. (A)(C)	17,000	61,708
Huadong Medicine Company, Ltd., Class A	2,800	18,942
Hualan Biological Engineering, Inc., Class A	4,030	13,761
Huaneng Power International, Inc., H Shares	149,436	74,401
Huatai Securities Company, Ltd., Class A	16,400	34,894
Huatai Securities Company, Ltd., H Shares (C)	48,800	72,589
Huaxia Bank Company, Ltd., Class A	28,500	22,207
Huayu Automotive Systems Company, Ltd., Class A	5,100	17,550
Huazhu Group, Ltd., ADR	6,700	255,270
Hundsun Technologies, Inc., Class A	2,366	15,432

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Hygeia Healthcare Holdings Company, Ltd. (A)(C)	11,400	\$ 76,020
Iflytek Company, Ltd., Class A	9,600	59,278
Industrial & Commercial Bank of China, Ltd., Class A	120,000	85,564
Industrial & Commercial Bank of China, Ltd., H Shares	1,927,735	1,150,181
Industrial Bank Company, Ltd., Class A	46,200	137,695
Industrial Securities Company, Ltd., Class A	14,900	15,735
Ingenic Semiconductor Company, Ltd., Class A	2,800	44,641
Inner Mongolia BaoTou Steel Union Company, Ltd., Class A	48,800	17,161
Inner Mongolia Yili Industrial Group Company, Ltd., Class A	13,600	79,227
Inner Mongolia Yitai Coal Company, Ltd., Class B (A)	36,400	59,656
Innovent Biologics, Inc. (A)(C)	33,000	147,644
Inspur Electronic Information Industry Company, Ltd., Class A	3,248	12,883
iQIYI, Inc., ADR (A)(B)	12,000	50,400
JA Solar Technology Company, Ltd., Class A	4,480	52,926
JD Health International, Inc. (A)(C)	38,200	302,388
JD.com, Inc., Class A	68,673	2,212,853
Jiangsu Expressway Company, Ltd., H Shares	41,145	41,507
Jiangsu Hengli Hydraulic Company, Ltd., Class A	2,960	27,326
Jiangsu Hengrui Medicine Company, Ltd., Class A	14,198	78,802
Jiangsu King's Luck Brewery JSC, Ltd., Class A	2,800	21,362
Jiangsu Yanghe Brewery Joint-Stock Company, Ltd., Class A	3,400	93,243
Jiangxi Copper Company, Ltd., H Shares	39,075	53,433
Jinxin Fertility Group, Ltd. (C)	44,000	40,580
Jiumaojiu International Holdings, Ltd. (C)	22,000	58,599
Kanzhun, Ltd., ADR (A)	2,900	76,212
KE Holdings, Inc., ADR (A)	11,800	211,810
Kingdee International Software Group Company, Ltd. (A)	89,000	209,685
Kingsoft Corp., Ltd.	32,800	128,162
Kuaishou Technology (A)(C)	59,600	669,825
Kweichow Moutai Company, Ltd., Class A	2,500	764,631
Lenovo Group, Ltd.	257,436	241,915
Lens Technology Company, Ltd., Class A	7,300	12,121
Lepu Medical Technology Beijing Company, Ltd., Class A	4,000	11,110
Li Auto, Inc., ADR (A)	19,000	727,890
Li Ning Company, Ltd.	80,500	749,543
Lingyi iTech Guangdong Company, Class A (A)	12,700	9,544
Logan Group Company, Ltd. (E)	48,000	10,002
Longfor Group Holdings, Ltd. (C)	60,100	285,844
LONGi Green Energy Technology Company, Ltd., Class A	15,064	150,665
Lufax Holding, Ltd., ADR	28,800	172,800
Luxshare Precision Industry Company, Ltd., Class A	15,495	78,363
Luzhou Laojiao Company, Ltd., Class A	3,300	121,802
Mango Excellent Media Company, Ltd., Class A	3,300	16,513

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Maxscend Microelectronics Company, Ltd., Class A	1,440	\$ 29,126
Meinian Onehealth Healthcare Holdings Company, Ltd., Class A (A)	8,300	6,912
Meituan, Class B (A)(C)	139,900	3,491,105
Metallurgical Corp. of China, Ltd., Class A	28,700	15,006
Microport Scientific Corp. (A)	25,019	72,655
Ming Yuan Cloud Group Holdings, Ltd.	24,000	38,687
Minth Group, Ltd.	26,000	71,237
Muyuan Foods Company, Ltd., Class A	9,282	76,851
NARI Technology Company, Ltd., Class A	14,832	60,017
NAURA Technology Group Company, Ltd., Class A	1,100	45,725
NetEase, Inc.	71,000	1,337,605
New China Life Insurance Company, Ltd., Class A	4,600	22,174
New China Life Insurance Company, Ltd., H Shares	29,500	83,021
New Hope Liuhe Company, Ltd., Class A (A)	6,800	15,575
New Oriental Education & Technology Group, Inc., ADR (A)	5,100	103,836
NIO, Inc., ADR (A)	49,200	1,068,624
Nongfu Spring Company, Ltd., H Shares (B)(C)	58,600	338,154
Orient Securities Company, Ltd., Class A	12,288	18,799
Perfect World Company, Ltd., Class A	4,350	9,360
PetroChina Company, Ltd., Class A	36,000	28,380
PetroChina Company, Ltd., H Shares	712,261	334,055
Pharmaron Beijing Company, Ltd., H Shares (C)	6,300	63,280
PICC Property & Casualty Company, Ltd., H Shares	252,363	263,166
Pinduoduo, Inc., ADR (A)	15,900	982,620
Ping An Bank Company, Ltd., Class A (A)	38,200	85,727
Ping An Healthcare and Technology Company, Ltd. (A)(C)	17,400	51,769
Ping An Insurance Group Company of China, Ltd., Class A	24,100	168,547
Ping An Insurance Group Company of China, Ltd., H Shares	224,790	1,547,285
Poly Developments and Holdings Group Company, Ltd., Class A	26,500	69,215
Pop Mart International Group, Ltd. (C)	19,200	93,159
Postal Savings Bank of China Company, Ltd., H Shares (B)(C)	331,000	263,780
Power Construction Corp. of China, Ltd., Class A	20,500	24,141
Raytron Technology Company, Ltd., Class A	2,601	15,446
RLX Technology, Inc., ADR (A)	24,900	53,037
Rongsheng Petrochemical Company, Ltd., Class A	13,950	32,131
SAIC Motor Corp., Ltd., Class A	17,300	46,128
Sangfor Technologies, Inc., Class A	700	10,878
Sany Heavy Equipment International Holdings Company, Ltd.	38,000	40,165
Sany Heavy Industry Company, Ltd., Class A	18,600	53,080
SDIC Power Holdings Company, Ltd., Class A	10,900	17,104
Seazen Group, Ltd. (A)	67,047	33,229
Seazen Holdings Company, Ltd., Class A	5,000	19,016
SF Holding Company, Ltd., Class A	10,100	84,354

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Shaanxi Coal Industry Company, Ltd., Class A	13,400	\$ 42,355
Shandong Gold Mining Company, Ltd., Class A	5,880	16,189
Shandong Gold Mining Company, Ltd., H Shares (C)	21,500	37,335
Shandong Weigao Group Medical Polymer Company, Ltd., H Shares	80,000	93,434
Shanghai Baosight Software Company, Ltd., Class B (A)	17,600	74,359
Shanghai Fosun Pharmaceutical Group Company, Ltd., Class A	3,200	21,078
Shanghai Fosun Pharmaceutical Group Company, Ltd., H Shares	17,500	65,097
Shanghai International Airport Company, Ltd., Class A (A)	1,600	13,584
Shanghai International Port Group Company, Ltd., Class A	13,700	11,954
Shanghai Lujiazui Finance & Trade Zone Development Company, Ltd., B Shares	39,240	34,522
Shanghai M&G Stationery, Inc., Class A	2,000	16,778
Shanghai Pharmaceuticals Holding Company, Ltd., H Shares	31,100	51,638
Shanghai Pudong Development Bank Company, Ltd., Class A	65,300	78,240
Shanxi Xinghuacun Fen Wine Factory Company, Ltd., Class A	1,960	95,301
Shengyi Technology Company, Ltd., Class A	5,100	12,973
Shennan Circuits Company, Ltd., Class A	1,120	15,722
Shenwan Hongyuan Group Company, Ltd., Class A	36,200	23,238
Shenzhen Inovance Technology Company, Ltd., Class A	5,550	54,754
Shenzhen Kangtai Biological Products Company, Ltd., Class A	2,240	15,149
Shenzhen Mindray Bio-Medical Electronics Company, Ltd., Class A	2,500	117,226
Shenzhen Overseas Chinese Town Company, Ltd., Class A	13,200	12,824
Shenzhou International Group Holdings, Ltd.	28,300	345,419
Shimao Services Holdings, Ltd. (A)(C)	34,000	16,503
Sichuan Chuantou Energy Company, Ltd., Class A	9,800	17,459
Silergy Corp.	3,000	242,578
Sinopharm Group Company, Ltd., H Shares	42,800	103,624
Sinotruk Hong Kong, Ltd.	24,500	34,482
Smoores International Holdings, Ltd. (C)	59,000	182,095
Songcheng Performance Development Company, Ltd., Class A	5,760	13,234
Sunac China Holdings, Ltd. (E)	87,000	45,702
Sungrow Power Supply Company, Ltd., Class A	3,000	44,171
Sunny Optical Technology Group Company, Ltd.	23,800	390,243
TAL Education Group, ADR (A)	12,800	62,336
TCL Technology Group Corp., Class A	21,800	15,635
TCL Zhonghuan Renewable Energy Technology Company, Ltd., Class A	6,600	58,153
Tencent Holdings, Ltd.	213,800	9,677,688
Tencent Music Entertainment Group, ADR (A)	25,200	126,504

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
The People's Insurance Company Group of China, Ltd., H Shares	265,000	\$ 81,139
Thunder Software Technology Company, Ltd., Class A	900	17,606
Tingyi Cayman Islands Holding Corp.	76,000	130,611
Tongcheng Travel Holdings, Ltd. (A)	41,600	89,945
Tongwei Company, Ltd., Class A	6,200	55,603
Topsports International Holdings, Ltd. (C)	64,000	58,286
TravelSky Technology, Ltd., H Shares	31,000	60,448
Trip.com Group, Ltd., ADR (A)	18,900	518,805
Tsingtao Brewery Company, Ltd., H Shares	22,000	229,010
Unigroup Guoxin Microelectronics Company, Ltd., Class A (A)	1,200	34,061
Uni-President China Holdings, Ltd.	46,000	39,556
Unisplendour Corp., Ltd., Class A (A)	5,320	15,452
Vipshop Holdings, Ltd., ADR (A)	15,300	151,317
Walvax Biotechnology Company, Ltd., Class A	3,400	24,610
Wanhua Chemical Group Company, Ltd., Class A	7,000	101,643
Want Want China Holdings, Ltd.	163,000	142,147
Weibo Corp., ADR (A)	2,390	55,281
Weichai Power Company, Ltd., Class A	9,600	17,934
Weichai Power Company, Ltd., H Shares	64,720	103,073
Wens Foodstuffs Group Company, Ltd., Class A	14,160	45,090
Will Semiconductor Company, Ltd., Class A (A)	3,100	80,452
Wuliangye Yibin Company, Ltd., Class A	8,600	260,013
WUS Printed Circuit Kunshan Company, Ltd., Class A	4,180	9,241
WuXi AppTec Company, Ltd., Class A	5,544	86,337
WuXi AppTec Company, Ltd., H Shares (C)	11,006	147,238
Wuxi Biologics Cayman, Inc. (A)(C)	128,500	1,190,607
Wuxi Shangji Automation Company, Ltd., Class A	1,540	35,991
Xiaomi Corp., Class B (A)(C)	522,200	913,678
Xinjiang Goldwind Science & Technology Company, Ltd., Class A	7,700	17,074
Xinjiang Goldwind Science & Technology Company, Ltd., H Shares	22,200	41,652
Xinyi Solar Holdings, Ltd.	172,835	267,817
XPeng, Inc., ADR (A)	14,400	457,056
Xtep International Holdings, Ltd.	45,000	81,537
Yadea Group Holdings, Ltd. (C)	34,000	66,681
Yankuang Energy Group Company, Ltd., H Shares	49,990	156,385
Yihai International Holding, Ltd. (A)	16,000	57,720
Yonyou Network Technology Company, Ltd., Class A	5,200	16,923
Yum China Holdings, Inc.	15,400	746,900
Yunda Holding Company, Ltd., Class A	3,120	7,965
Yunnan Baiyao Group Company, Ltd., Class A	3,920	35,403
Yunnan Energy New Material Company, Ltd., Class A	1,800	67,483
Zai Lab, Ltd., ADR (A)	3,100	107,508
Zhangzhou Pientzhehuang Pharmaceutical Company, Ltd., Class A (A)	1,000	53,361
Zhaojin Mining Industry Company, Ltd., H Shares (A)	40,000	34,556
Zhejiang Chint Electrics Company, Ltd., Class A	4,800	25,728

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>China (continued)</b>		
Zhejiang Dahua Technology Company, Ltd., Class A	4,800	\$ 11,800
Zhejiang Expressway Company, Ltd., H Shares (A)	49,718	45,826
Zhejiang Huayou Cobalt Company, Ltd., Class A	3,300	47,308
Zhejiang Jingsheng Mechanical & Electrical Company, Ltd., Class A	2,600	26,347
Zhejiang NHU Company, Ltd., Class A	6,912	23,562
Zhejiang Supor Company, Ltd., Class A	1,200	10,108
ZhongAn Online P&C Insurance Company, Ltd., H Shares (A)(C)	24,300	79,363
Zhongsheng Group Holdings, Ltd.	20,000	141,311
Zhuzhou CRRC Times Electric Company, Ltd.	18,000	89,007
Zijin Mining Group Company, Ltd., Class A	27,800	38,738
Zijin Mining Group Company, Ltd., H Shares	193,469	235,430
Zoomlion Heavy Industry Science and Technology Company, Ltd., Class A	14,300	13,187
Zoomlion Heavy Industry Science and Technology Company, Ltd., H Shares	44,800	23,979
ZTE Corp., Class A	7,600	29,069
ZTE Corp., H Shares	25,887	60,544
ZTO Express Cayman, Inc., ADR	15,400	422,730
		70,273,160
<b>Colombia - 0.0%</b>		
Bancolombia SA, ADR	3,847	118,603
Ecopetrol SA, ADR	9,500	103,170
		221,773
<b>Czech Republic - 0.1%</b>		
CEZ AS	6,817	307,597
Komerční banka AS	3,440	97,388
Moneta Money Bank AS (C)	17,731	64,485
		469,470
<b>Denmark - 1.8%</b>		
A.P. Moller - Maersk A/S, Series A	118	273,873
A.P. Moller - Maersk A/S, Series B	207	485,953
Carlsberg A/S, Class B	3,694	472,103
Chr. Hansen Holding A/S	4,006	292,429
Coloplast A/S, B Shares	4,360	498,172
Danske Bank A/S	26,235	373,395
Demant A/S (A)	5,000	187,957
DSV A/S	6,560	922,450
Genmab A/S (A)	2,393	776,396
GN Store Nord A/S	4,761	167,955
Novo Nordisk A/S, B Shares	58,067	6,439,769
Novozymes A/S, B Shares	7,605	457,691
Orsted A/S (C)	6,916	728,420
Pandora A/S	3,738	237,484
ROCKWOOL A/S, B Shares	352	79,916
Tryg A/S	13,079	294,669
Vestas Wind Systems A/S	36,668	779,635
		13,468,267
<b>Egypt - 0.0%</b>		
Commercial International Bank Egypt SAE	68,774	136,213
<b>Finland - 0.8%</b>		
Elisa OYJ	5,862	330,016
Fortum OYJ	16,798	253,901
Kesko OYJ, B Shares	9,211	217,987
Kone OYJ, B Shares	11,833	565,563
Neste OYJ	14,709	654,274

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Finland (continued)</b>		
Nokia OYJ	128,632	\$ 596,219
Nokia OYJ (Euronext Paris Exchange) (B)	56,247	261,947
Nordea Bank ABP	1,569	13,875
Nordea Bank ABP (Nasdaq Stockholm Exchange)	108,931	962,245
Orion OYJ, Class B	3,379	151,226
Sampo OYJ, A Shares	17,039	744,627
Stora Enso OYJ, R Shares	20,482	324,541
UPM-Kymmene OYJ	19,972	612,410
Wartsila OYJ ABP	15,222	119,322
		5,808,153
<b>France - 6.8%</b>		
Accor SA (A)	6,145	167,646
Aéroports de Paris (A)	1,190	151,702
Air Liquide SA	17,904	2,409,939
Airbus SE	20,253	1,980,952
Alstom SA	11,918	272,143
Amundi SA (C)	2,415	132,963
Arkema SA	1,999	178,816
AXA SA	66,380	1,516,228
BioMerieux	1,432	140,415
BNP Paribas SA	38,662	1,849,288
Bolloré SE	32,561	151,792
Bouygues SA	8,158	251,786
Bureau Veritas SA (B)	10,297	264,923
Capgemini SE	5,786	997,858
Carrefour SA (B)	23,459	416,430
Cie de Saint-Gobain	18,075	781,010
Cie Generale des Etablissements Michelin SCA	23,852	651,424
Covivio	2,169	121,177
Credit Agricole SA (B)	45,282	417,455
Danone SA	22,299	1,248,798
Dassault Aviation SA	980	153,040
Dassault Systemes SE	24,046	890,689
Edenred	8,717	412,932
Eiffage SA	3,075	278,166
Electricite de France SA	17,250	141,689
Engie SA	66,203	766,565
EssilorLuxottica SA (B)	10,020	1,519,166
Eurazeo SE	1,666	103,499
Faurecia SE (A)	633	12,599
Gecina SA (B)	1,814	170,245
Getlink SE	16,925	300,172
Hermes International	1,082	1,217,719
Ipsen SA	1,496	141,647
Kering SA	2,569	1,331,331
Klepierre SA (A)	8,046	155,707
La Francaise des Jeux SAEM (C)	3,888	135,009
Legrand SA	9,699	720,139
L'Oreal SA	8,231	2,857,861
LVMH Moët Hennessy Louis Vuitton SE	9,580	5,871,396
Orange SA	72,639	855,951
Pernod Ricard SA	7,161	1,323,894
Publicis Groupe SA	8,401	413,167
Remy Cointreau SA	930	163,180
Renault SA (A)	7,048	177,934
Safran SA	11,681	1,163,030
Sanofi	39,156	3,948,745
Sartorius Stedim Biotech	1,029	324,669
Schneider Electric SE	17,968	2,140,996
Schneider Electric SE (Euronext London Exchange)	623	74,190
SEB SA	1,019	98,340
Societe Generale SA	29,342	648,746

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>France (continued)</b>		
Sodexo SA	3,211	\$ 227,129
Teleperformance	2,141	661,110
Thales SA	4,046	496,758
TotalEnergies SE	84,703	4,458,528
Ubisoft Entertainment SA (A)	3,643	160,669
Unibail-Rodamco-Westfield (A)	3,595	182,770
Unibail-Rodamco-Westfield, CHESS Depository Interest (A)	27,093	70,102
Valeo (B)	8,882	173,075
Veolia Environnement SA (B)	23,848	584,596
Vinci SA	18,446	1,655,748
Vivendi SE	29,108	297,045
Wendel SE	1,176	98,564
Worldline SA (A)(C)	8,877	331,108
		52,012,360
<b>Germany - 4.5%</b>		
adidas AG	5,907	1,049,271
Allianz SE	14,190	2,720,381
BASF SE	31,532	1,379,602
Bayer AG	33,683	2,011,436
Bayerische Motoren Werke AG	11,277	874,204
Bechtle AG	3,255	133,698
Beiersdorf AG	3,796	389,537
Brenntag SE	5,855	383,377
Carl Zeiss Meditec AG, Bearer Shares	1,435	172,530
Commerzbank AG (A)	37,723	267,651
Continental AG	4,116	288,898
Covestro AG (C)	7,081	246,057
Daimler Truck Holding AG (A)	15,182	399,833
Delivery Hero SE (A)(B)(C)	6,014	226,884
Deutsche Bank AG	70,362	618,323
Deutsche Boerse AG	6,468	1,086,155
Deutsche Lufthansa AG (A)(B)	23,929	140,949
Deutsche Post AG	33,981	1,282,997
Deutsche Telekom AG	110,734	2,202,427
E.ON SE	76,314	642,801
Evonik Industries AG	8,081	173,307
Fresenius Medical Care AG & Company KGaA	6,818	341,591
Fresenius SE & Company KGaA	15,618	474,973
GEA Group AG	5,882	203,918
Hannover Rueck SE	1,990	290,252
HeidelbergCement AG	5,549	267,914
HelloFresh SE (A)	6,177	201,524
Henkel AG & Company KGaA	3,884	238,635
Infineon Technologies AG	44,694	1,087,210
KION Group AG	2,693	112,735
Knorr-Bremse AG	2,779	159,168
LEG Immobilien SE	2,555	212,632
Mercedes-Benz Group AG	27,413	1,592,109
Merck KGaA	4,683	794,340
MTU Aero Engines AG	1,991	364,736
Muenchener Rueckversicherungs-Gesellschaft AG	4,786	1,132,121
Nemetschek SE	2,010	122,282
Puma SE	3,943	261,605
Rational AG	207	120,679
Rheinmetall AG	1,488	343,379
RWE AG	21,783	805,671
SAP SE	35,971	3,278,787
Scout24 SE (C)	3,211	165,416
Siemens AG	26,349	2,708,596
Siemens Energy AG (B)	15,127	222,948
Siemens Healthineers AG (C)	10,330	526,691
Symrise AG	4,743	517,299

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Germany (continued)</b>		
Telefonica Deutschland Holding AG	44,170	\$ 127,374
Uniper SE	3,706	55,383
United Internet AG	4,503	129,075
Volkswagen AG	1,264	231,167
Vonovia SE	23,879	738,831
Zalando SE (A)(C)	8,154	214,799
		34,734,158
<b>Greece - 0.1%</b>		
Alpha Services and Holdings SA (A)	74,045	65,410
Eurobank Ergasias Services and Holdings SA (A)	85,715	76,891
FF Group (A)(E)	1,869	2,938
Hellenic Telecommunications Organization SA	8,503	148,504
JUMBO SA	5,651	82,273
Mytilineos SA	3,417	50,579
National Bank of Greece SA (A)	18,750	56,092
OPAP SA	9,360	134,629
Public Power Corp. SA (A)	6,989	38,732
		656,048
<b>Hong Kong - 2.8%</b>		
AIA Group, Ltd.	413,200	4,514,859
Alibaba Health Information Technology, Ltd. (A)	162,000	112,554
Alibaba Pictures Group, Ltd. (A)	500,000	49,161
Beijing Enterprises Holdings, Ltd.	19,786	70,348
Beijing Enterprises Water Group, Ltd.	198,000	59,737
BOC Hong Kong Holdings, Ltd.	132,328	525,471
Bosideng International Holdings, Ltd.	108,000	67,097
Budweiser Brewing Company APAC, Ltd. (C)	67,400	202,247
China Common Rich Renewable Energy Investments, Ltd. (A)(E)	428,695	11,746
China Everbright Environment Group, Ltd.	117,851	69,688
China Gas Holdings, Ltd.	104,200	161,314
China Jinmao Holdings Group, Ltd.	224,000	60,374
China Mengniu Dairy Company, Ltd. (A)	108,004	541,441
China Merchants Port Holdings Company, Ltd.	47,564	81,010
China Overseas Land & Investment, Ltd.	127,882	406,788
China Overseas Property Holdings, Ltd.	45,000	48,507
China Power International Development, Ltd.	185,000	117,553
China Resources Beer Holdings Company, Ltd.	55,979	418,330
China Resources Cement Holdings, Ltd.	88,000	59,288
China Resources Gas Group, Ltd.	30,000	139,843
China Resources Land, Ltd.	110,964	520,342
China Resources Power Holdings Company, Ltd.	68,244	140,962
China Ruyi Holdings, Ltd. (A)	156,000	57,316
China State Construction International Holdings, Ltd.	71,250	78,849
China Taiping Insurance Holdings Company, Ltd.	60,500	74,728
China Traditional Chinese Medicine Holdings Company, Ltd.	80,000	49,673
Chow Tai Fook Jewellery Group, Ltd. (A)	80,800	152,622
CK Asset Holdings, Ltd.	73,046	519,015
CK Hutchison Holdings, Ltd.	97,163	659,154
CK Infrastructure Holdings, Ltd.	24,772	152,173
CLP Holdings, Ltd.	59,400	493,631
COSCO SHIPPING Ports, Ltd.	63,353	44,803
ESR Group, Ltd. (A)(C)	75,200	203,916
Far East Horizon, Ltd.	66,000	55,440

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
Futu Holdings, Ltd., ADR (A)(B)	1,700	\$ 88,757
Galaxy Entertainment Group, Ltd.	80,000	479,246
Geely Automobile Holdings, Ltd.	206,000	471,812
Guangdong Investment, Ltd.	99,220	104,879
Hang Lung Properties, Ltd.	74,326	141,429
Hang Seng Bank, Ltd.	27,319	484,117
Henderson Land Development Company, Ltd.	55,324	207,928
HK Electric Investments, Ltd.	111,500	102,305
HKT Trust & HKT, Ltd.	145,233	195,054
Hong Kong & China Gas Company, Ltd.	404,091	436,101
Hong Kong Exchanges & Clearing, Ltd.	42,514	2,102,584
Hongkong Land Holdings, Ltd.	44,100	221,476
Hopson Development Holdings, Ltd.	26,620	40,578
HUTCHMED China, Ltd., ADR (A)(B)	3,800	48,032
Jardine Matheson Holdings, Ltd. (B)	7,900	415,097
Kingboard Holdings, Ltd.	22,500	85,326
Kingboard Laminates Holdings, Ltd.	36,500	45,103
Kunlun Energy Company, Ltd.	118,000	96,766
Link REIT	75,539	617,257
MTR Corp., Ltd.	57,605	302,008
New World Development Company, Ltd.	57,618	207,548
Nine Dragons Paper Holdings, Ltd.	55,000	46,630
Orient Overseas International, Ltd.	4,500	119,895
Power Assets Holdings, Ltd.	51,582	324,962
Shenzhen International Holdings, Ltd.	42,351	41,743
Shimao Group Holdings, Ltd. (E)	41,500	21,039
Sino Biopharmaceutical, Ltd.	346,500	220,937
Sino Land Company, Ltd.	130,333	192,460
SITC International Holdings Company, Ltd.	52,000	147,897
Sun Hung Kai Properties, Ltd.	49,630	587,622
Swire Pacific, Ltd., Class A	18,163	108,474
Swire Properties, Ltd.	43,628	108,618
Techtronic Industries Company, Ltd.	49,500	516,887
The Wharf Holdings, Ltd.	51,876	189,043
Vinda International Holdings, Ltd.	12,000	30,780
WH Group, Ltd. (C)	320,343	247,941
Wharf Real Estate Investment Company, Ltd.	62,876	300,247
Xinyi Glass Holdings, Ltd.	71,000	171,306
Yuexiu Property Company, Ltd.	48,800	62,709
		21,252,573
<b>Hungary - 0.0%</b>		
MOL Hungarian Oil & Gas PLC	12,392	95,858
OTP Bank NYRT	7,225	162,098
Richter Gedeon NYRT	4,794	86,762
		344,718
<b>India - 3.7%</b>		
ACC, Ltd.	2,508	67,768
Adani Enterprises, Ltd.	9,077	252,547
Adani Green Energy, Ltd. (A)	13,172	323,539
Adani Ports & Special Economic Zone, Ltd. (A)	16,979	144,354
Adani Power, Ltd. (A)	26,354	88,296
Adani Total Gas, Ltd. (A)	9,077	276,338
Adani Transmission, Ltd. (A)	9,077	285,520
Ambuja Cements, Ltd.	22,913	105,693
Apollo Hospitals Enterprise, Ltd.	3,469	161,665
Asian Paints, Ltd.	12,839	437,237
AU Small Finance Bank, Ltd. (A)(C)	5,380	40,438
Aurobindo Pharma, Ltd.	9,153	59,458
Avenue Supermarts, Ltd. (A)(C)	5,887	253,339
Axis Bank, Ltd.	80,176	647,494
Bajaj Auto, Ltd.	2,394	112,589

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Bajaj Finance, Ltd.	9,199	\$ 631,961
Bajaj Finserv, Ltd.	1,315	182,894
Balkrishna Industries, Ltd.	2,904	79,773
Bandhan Bank, Ltd. (C)	22,207	74,383
Berger Paints India, Ltd.	8,085	58,158
Bharat Electronics, Ltd.	40,525	119,827
Bharat Forge, Ltd.	9,316	76,703
Bharat Petroleum Corp., Ltd.	29,814	116,523
Bharti Airtel, Ltd. (A)	75,053	652,775
Biocon, Ltd.	14,021	54,815
Britannia Industries, Ltd.	3,618	158,115
Cholamandalam Investment and Finance Company, Ltd.	13,536	106,826
Cipla, Ltd.	18,101	209,939
Coal India, Ltd.	53,104	124,058
Colgate-Palmolive India, Ltd.	4,075	76,705
Container Corp. of India, Ltd.	9,153	68,893
Dabur India, Ltd.	21,327	134,154
Divi's Laboratories, Ltd.	4,431	204,218
DLF, Ltd.	20,605	82,061
Dr. Reddy's Laboratories, Ltd., ADR	3,708	205,386
Eicher Motors, Ltd.	4,712	166,789
GAIL India, Ltd., GDR	9,954	103,449
Godrej Consumer Products, Ltd. (A)	11,997	115,682
Godrej Properties, Ltd. (A)	4,161	62,407
Grasim Industries, Ltd.	8,313	139,046
Havells India, Ltd.	7,516	104,166
HCL Technologies, Ltd.	37,954	468,978
HDFC Life Insurance Company, Ltd. (C)	32,478	225,532
Hero MotoCorp, Ltd.	4,200	145,850
Hindalco Industries, Ltd.	56,656	243,638
Hindustan Petroleum Corp., Ltd.	20,412	56,174
Hindustan Unilever, Ltd.	27,831	785,357
Housing Development Finance Corp., Ltd.	58,802	1,614,305
ICICI Bank, Ltd.	94,927	851,611
ICICI Bank, Ltd., ADR	41,314	732,910
ICICI Lombard General Insurance Company, Ltd. (C)	8,559	120,896
ICICI Prudential Life Insurance Company, Ltd. (C)	11,948	73,829
Indian Oil Corp., Ltd.	97,346	91,759
Indian Railway Catering & Tourism Corp, Ltd.	7,983	58,580
Indraprastha Gas, Ltd.	10,515	47,639
Indus Towers, Ltd.	29,936	79,668
Info Edge India, Ltd.	2,660	128,101
Infosys, Ltd., ADR	113,913	2,108,530
InterGlobe Aviation, Ltd. (A)(C)	3,319	68,059
ITC, Ltd.	101,934	352,386
Jindal Steel & Power, Ltd.	13,940	57,861
JSW Steel, Ltd.	27,061	193,138
Jubilant Foodworks, Ltd.	12,635	82,399
Kotak Mahindra Bank, Ltd.	19,140	404,051
Larsen & Toubro Infotech, Ltd. (C)	1,748	88,315
Larsen & Toubro, Ltd.	23,070	456,677
Lupin, Ltd.	7,740	59,768
Mahindra & Mahindra, Ltd., GDR	28,458	389,428
Marico, Ltd.	17,795	108,147
Maruti Suzuki India, Ltd.	4,543	487,793
Mindtree, Ltd.	2,193	80,268
Mphasis, Ltd.	2,804	81,614
MRF, Ltd.	64	57,195
Muthoot Finance, Ltd.	4,018	49,901
Nestle India, Ltd.	1,140	250,492
NTPC, Ltd.	167,112	302,172



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>India (continued)</b>		
Oil & Natural Gas Corp., Ltd.	90,136	\$ 171,845
Page Industries, Ltd.	194	99,219
Petronet LNG, Ltd.	21,320	58,152
PI Industries, Ltd.	2,778	89,696
Pidilite Industries, Ltd.	5,254	139,183
Piramal Enterprises, Ltd.	4,426	93,659
Power Grid Corp. of India, Ltd.	108,193	290,421
Reliance Capital, Ltd., GDR (A)(C)	4,327	671
Reliance Industries, Ltd. (A)	19,318	636,234
Reliance Industries, Ltd., GDR (A)(C)	42,342	2,768,187
Samvardhana Motherhood International, Ltd.	37,306	55,912
SBI Cards & Payment Services, Ltd.	7,827	75,901
SBI Life Insurance Company, Ltd. (C)	15,378	209,851
Shree Cement, Ltd.	373	89,608
Shriram Transport Finance Company, Ltd.	6,993	113,085
Siemens, Ltd.	2,378	71,995
SRF, Ltd.	4,927	140,837
State Bank of India, GDR	5,914	344,632
Sun Pharmaceutical Industries, Ltd.	32,788	345,511
Tata Consultancy Services, Ltd.	31,616	1,311,870
Tata Consumer Products, Ltd.	22,130	198,116
Tata Elxsi, Ltd.	1,170	120,571
Tata Motors, Ltd. (A)	19,116	99,458
Tata Motors, Ltd., ADR (A)(B)	7,109	183,910
Tata Steel, Ltd., GDR	23,852	260,787
Tech Mahindra, Ltd.	22,395	284,318
The Tata Power Company, Ltd.	47,830	122,889
Titan Company, Ltd.	12,240	300,066
Torrent Pharmaceuticals, Ltd.	1,767	63,892
Trent, Ltd.	6,052	83,560
UltraTech Cement, Ltd.	2,456	173,262
UltraTech Cement, Ltd., GDR	1,026	72,849
United Spirits, Ltd. (A)	10,125	97,826
UPL, Ltd.	17,118	137,712
Vedanta, Ltd.	25,335	71,786
Wipro, Ltd., ADR	51,326	272,541
Yes Bank, Ltd. (A)	334,558	53,731
Zomato, Ltd. (A)	52,192	35,909
		28,508,654
<b>Indonesia - 0.5%</b>		
Adaro Energy Indonesia Tbk PT	315,000	60,664
Adaro Minerals Indonesia Tbk PT (A)	279,300	29,625
Aneka Tambang Tbk	287,300	34,689
Astra International Tbk PT	679,000	302,608
Bank Central Asia Tbk PT	1,804,500	878,683
Bank Jago Tbk PT (A)	143,300	88,201
Bank Mandiri Persero Tbk PT	715,674	382,181
Bank Negara Indonesia Persero Tbk PT	276,500	146,058
Bank Rakyat Indonesia Persero Tbk PT	2,374,148	663,018
Barito Pacific Tbk PT	1,273,500	64,615
Charoen Pokphand Indonesia Tbk PT	276,000	111,213
Gudang Garam Tbk PT	26,000	54,435
Indah Kiat Pulp & Paper Tbk PT	97,300	49,734
Indofood CBP Sukses Makmur Tbk PT	114,400	73,400
Indofood Sukses Makmur Tbk PT	147,500	69,866
Kalbe Farma Tbk PT	855,000	95,373
Merdeka Copper Gold Tbk PT (A)	511,905	137,101
Sarana Menara Nusantara Tbk PT	1,016,100	75,069
Semen Indonesia Persero Tbk PT	111,000	53,179
Sumber Alfaria Trijaya Tbk PT	567,500	77,807
Telkom Indonesia Persero Tbk PT	1,600,100	430,451
Telkom Indonesia Persero Tbk PT, ADR	358	9,680
Tower Bersama Infrastructure Tbk PT	379,100	74,957
Unilever Indonesia Tbk PT	332,500	106,612
United Tractors Tbk PT	55,279	105,573

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Indonesia (continued)</b>		
Vale Indonesia Tbk PT (A)	84,900	\$ 32,309
		4,207,101
<b>Ireland - 0.6%</b>		
AerCap Holdings NV (A)	4,600	188,324
CRH PLC	27,337	943,371
DCC PLC	3,819	237,605
Experian PLC	31,438	923,045
Flutter Entertainment PLC (A)	505	51,196
Flutter Entertainment PLC (London Stock Exchange) (A)	5,220	527,351
James Hardie Industries PLC, CHESS Depository Interest	15,679	343,258
Kerry Group PLC, Class A (London Stock Exchange)	5,738	554,777
Kingspan Group PLC	5,492	332,070
Smurfit Kappa Group PLC	8,017	269,637
		4,370,634
<b>Israel - 0.5%</b>		
Azrieli Group, Ltd.	1,424	100,253
Bank Hapoalim BM	40,928	343,682
Bank Leumi Le-Israel BM	54,437	486,995
Check Point Software Technologies, Ltd. (A)	4,016	489,068
CyberArk Software, Ltd. (A)	1,300	166,348
Elbit Systems, Ltd.	908	208,547
ICL Group, Ltd.	27,153	248,040
Isracard, Ltd.	1	2
Israel Discount Bank, Ltd., Class A	41,515	217,390
Kornit Digital, Ltd. (A)	1,500	47,550
Mizrahi Tefahot Bank, Ltd.	5,543	184,530
Nice, Ltd. (A)	2,200	424,532
Teva Pharmaceutical Industries, Ltd. (A)	33,126	250,761
Teva Pharmaceutical Industries, Ltd., ADR (A)	5,800	43,616
Tower Semiconductor, Ltd. (A)	3,727	173,842
Wix.com, Ltd. (A)	1,900	124,545
ZIM Integrated Shipping Services, Ltd.	2,900	136,967
		3,646,668
<b>Italy - 1.2%</b>		
Amplifon SpA	4,902	150,711
Assicurazioni Generali SpA	40,288	643,514
Atlantia SpA	19,839	465,712
Davide Campari-Milano NV	19,587	206,638
DiaSorin SpA	1,028	135,193
Enel SpA	277,871	1,523,913
Eni SpA	90,999	1,079,313
Ferrari NV	4,565	840,136
FinecoBank Banca Fineco SpA	22,882	274,507
Infrastrutture Wireless Italiane SpA (C)	13,854	140,844
Intesa Sanpaolo SpA	593,427	1,110,586
Mediobanca Banca di Credito Finanziario SpA	23,836	206,722
Moncler SpA	7,601	327,498
Nexi SpA (A)(C)	17,962	149,165
Poste Italiane SpA (C)	21,903	204,936
Prysmian SpA	9,656	265,280
Recordati Industria Chimica e Farmaceutica SpA	4,564	199,033
Snam SpA	75,312	395,116
Telecom Italia SpA (A)	387,741	101,669
Terna - Rete Elettrica Nazionale	52,599	413,547
UniCredit SpA	76,982	735,670
		9,569,703

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan - 13.9%</b>		
Advantest Corp.	7,300	\$ 392,570
Aeon Company, Ltd.	24,100	418,620
AGC, Inc. (B)	7,300	256,505
Aisin Corp.	4,600	142,374
Ajinomoto Company, Inc.	16,300	397,485
ANA Holdings, Inc. (A)	6,700	123,760
Asahi Group Holdings, Ltd.	16,700	549,186
Asahi Intecc Company, Ltd. (B)	8,900	134,754
Asahi Kasei Corp.	46,700	355,264
Astellas Pharma, Inc.	63,300	987,588
Azbil Corp.	4,200	110,731
Bandai Namco Holdings, Inc.	7,399	522,317
Bridgestone Corp.	19,300	703,666
Brother Industries, Ltd.	8,700	153,071
Canon, Inc. (B)	33,800	765,955
Capcom Company, Ltd.	6,000	145,956
Central Japan Railway Company	5,300	609,144
Chubu Electric Power Company, Inc.	22,000	221,527
Chugai Pharmaceutical Company, Ltd. (B)	22,700	580,677
Concordia Financial Group, Ltd.	39,100	135,761
CyberAgent, Inc.	14,400	144,267
Dai Nippon Printing Company, Ltd.	8,400	180,688
Daifuku Company, Ltd.	3,500	200,306
Dai-ichi Life Holdings, Inc.	34,000	628,843
Daiichi Sankyo Company, Ltd.	59,700	1,518,320
Daikin Industries, Ltd.	8,500	1,364,753
Daito Trust Construction Company, Ltd.	2,300	198,964
Daiwa House Industry Company, Ltd.	20,800	486,450
Daiwa House REIT Investment Corp.	78	177,287
Daiwa Securities Group, Inc.	54,400	243,583
Denso Corp.	14,700	775,902
Dentsu Group, Inc.	7,500	226,109
Disco Corp.	1,000	237,962
East Japan Railway Company	11,100	567,756
Eisai Company, Ltd.	8,800	372,065
ENEOS Holdings, Inc.	109,211	410,938
FANUC Corp.	6,500	1,018,805
Fast Retailing Company, Ltd.	2,000	1,050,554
Fuji Electric Company, Ltd.	4,600	190,182
FUJIFILM Holdings Corp.	12,200	655,524
Fujitsu, Ltd.	6,700	838,357
GLP J-REIT	165	202,201
GMO Payment Gateway, Inc.	1,500	106,846
Hakuhodo DY Holdings, Inc.	9,300	85,429
Hamamatsu Photonics KK	4,800	186,997
Hankyu Hanshin Holdings, Inc.	8,400	229,431
Hikari Tsushin, Inc.	800	82,241
Hirose Electric Company, Ltd.	1,223	162,391
Hitachi Construction Machinery Company, Ltd.	4,100	91,072
Hitachi Metals, Ltd. (A)	7,400	112,022
Hitachi, Ltd.	33,100	1,574,569
Honda Motor Company, Ltd.	55,800	1,345,399
Hoshizaki Corp.	3,800	113,263
Hoya Corp.	12,700	1,086,903
Hulic Company, Ltd.	15,600	120,998
Ibiden Company, Ltd.	3,600	101,990
Idemitsu Kosan Company, Ltd.	7,206	172,142
Iida Group Holdings Company, Ltd.	5,000	76,762
Inpex Corp. (B)	36,700	393,434
Isuzu Motors, Ltd.	22,400	247,775
Ito En, Ltd.	1,900	85,448
ITOCHU Corp.	40,600	1,095,306
Itochu Techno-Solutions Corp.	3,400	83,596
Japan Airlines Company, Ltd. (A)	6,200	106,526

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Japan Exchange Group, Inc.	18,100	\$ 262,353
Japan Metropolitan Fund Investment Corp.	259	201,806
Japan Post Bank Company, Ltd.	14,000	108,996
Japan Post Holdings Company, Ltd.	89,400	639,650
Japan Post Insurance Company, Ltd.	8,300	132,839
Japan Real Estate Investment Corp.	47	216,418
Japan Tobacco, Inc. (B)	43,600	755,535
JFE Holdings, Inc.	18,300	192,520
JSR Corp.	7,900	205,291
Kajima Corp.	16,500	189,199
Kakaku.com, Inc.	5,000	83,045
Kao Corp. (B)	17,300	701,506
KDDI Corp.	55,200	1,740,697
Keio Corp.	3,700	132,733
Keisei Electric Railway Company, Ltd.	4,800	132,538
Keyence Corp.	6,696	2,296,314
Kikkoman Corp.	5,200	276,728
Kintetsu Group Holdings Company, Ltd.	6,200	192,892
Kirin Holdings Company, Ltd. (B)	30,500	481,810
Kobayashi Pharmaceutical Company, Ltd.	1,800	111,476
Kobe Bussan Company, Ltd.	5,500	135,196
Koei Tecmo Holdings Company, Ltd.	1,950	63,230
Koito Manufacturing Company, Ltd.	3,500	111,167
Komatsu, Ltd.	32,000	712,550
Konami Holdings Corp.	3,700	204,986
Kose Corp. (B)	1,200	109,363
Kubota Corp. (B)	37,500	561,979
Kurita Water Industries, Ltd.	3,500	126,694
Kyocera Corp.	11,700	625,440
Kyowa Kirin Company, Ltd.	9,473	213,871
Lasertec Corp.	2,800	333,490
Lixil Corp.	9,000	169,160
M3, Inc.	16,200	466,317
Makita Corp.	7,800	193,335
Marubeni Corp.	57,400	514,969
Mazda Motor Corp.	20,300	165,698
McDonald's Holdings Company Japan, Ltd.	2,600	94,707
MEIJI Holdings Company, Ltd.	4,700	230,948
MINEBEA MITSUMI, Inc.	12,500	213,041
MISUMI Group, Inc.	9,800	206,971
Mitsubishi Chemical Holdings Corp.	46,900	254,839
Mitsubishi Corp.	44,800	1,334,197
Mitsubishi Electric Corp.	66,500	714,819
Mitsubishi Estate Company, Ltd.	41,300	598,575
Mitsubishi HC Capital, Inc.	27,500	126,923
Mitsubishi Heavy Industries, Ltd.	11,700	408,935
Mitsubishi UFJ Financial Group, Inc.	419,900	2,246,487
Mitsui & Company, Ltd.	47,700	1,048,185
Mitsui Chemicals, Inc.	6,800	145,040
Mitsui Fudosan Company, Ltd.	33,600	721,891
Mitsui OSK Lines, Ltd.	12,000	276,054
Mizuho Financial Group, Inc.	82,110	934,816
MonotaRO Company, Ltd.	9,000	134,223
MS&AD Insurance Group Holdings, Inc.	15,500	475,282
Murata Manufacturing Company, Ltd.	19,600	1,066,775
NEC Corp.	8,800	343,349
Nexon Company, Ltd.	18,600	381,947
NGK Insulators, Ltd.	9,000	121,252
Nidec Corp.	15,300	948,093
Nihon M&A Center Holdings, Inc.	10,400	110,866
Nintendo Company, Ltd.	3,800	1,634,215
Nippon Building Fund, Inc.	56	279,480
Nippon Express Holdings, Inc.	3,100	168,867
Nippon Paint Holdings Company, Ltd.	32,100	240,178

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Nippon Prologis REIT, Inc.	80	\$ 197,037
Nippon Sanso Holdings Corp.	6,500	104,073
Nippon Shinyaku Company, Ltd.	1,700	103,769
Nippon Steel Corp.	31,700	443,645
Nippon Telegraph & Telephone Corp.	40,800	1,172,313
Nippon Yusen KK	6,000	411,390
Nissan Chemical Corp.	4,600	212,324
Nissan Motor Company, Ltd. (A)	86,400	338,395
Nisshin Seifun Group, Inc.	7,400	86,603
Nissin Foods Holdings Company, Ltd.	2,200	151,957
Nitori Holdings Company, Ltd.	2,800	266,456
Nitto Denko Corp.	5,400	349,264
Nomura Holdings, Inc.	109,800	398,915
Nomura Real Estate Holdings, Inc.	4,500	110,094
Nomura Real Estate Master Fund, Inc.	151	188,614
Nomura Research Institute, Ltd.	12,546	336,691
NTT Data Corp.	22,500	312,139
Obayashi Corp.	22,500	163,648
Obic Company, Ltd.	2,600	369,736
Odakyu Electric Railway Company, Ltd.	10,900	147,060
Oji Holdings Corp.	30,000	129,970
Olympus Corp.	42,200	855,191
Omron Corp.	6,900	351,187
Ono Pharmaceutical Company, Ltd.	14,000	359,650
Open House Group Company, Ltd.	2,700	107,475
Oracle Corp. Japan	1,500	87,353
Oriental Land Company, Ltd.	6,800	949,633
ORIX Corp.	41,400	693,858
Osaka Gas Company, Ltd.	13,800	264,480
Otsuka Corp.	3,800	113,091
Otsuka Holdings Company, Ltd.	13,600	485,475
Pan Pacific International Holdings Corp.	15,000	239,149
Panasonic Holdings Corp.	80,300	648,357
Persol Holdings Company, Ltd.	6,200	113,200
Rakuten Group, Inc.	29,700	134,292
Recruit Holdings Company, Ltd.	49,300	1,451,907
Renesas Electronics Corp. (A)	46,500	420,795
Resona Holdings, Inc.	78,000	291,760
Ricoh Company, Ltd.	24,000	187,372
Rohm Company, Ltd.	3,000	210,299
SBI Holdings, Inc.	9,513	185,880
SCSK Corp.	5,400	91,706
Secom Company, Ltd.	7,800	481,609
Seiko Epson Corp.	9,600	135,811
Sekisui Chemical Company, Ltd.	13,400	183,714
Sekisui House, Ltd.	21,400	375,685
Seven & i Holdings Company, Ltd.	25,700	997,170
SG Holdings Company, Ltd.	12,400	209,683
Sharp Corp.	7,400	57,240
Shimadzu Corp.	9,000	285,260
Shimano, Inc.	2,600	437,988
Shimizu Corp.	21,600	119,326
Shin-Etsu Chemical Company, Ltd.	12,800	1,438,861
Shionogi & Company, Ltd.	9,700	495,073
Shiseido Company, Ltd.	14,600	588,485
SMC Corp.	2,000	890,279
SoftBank Corp.	97,900	1,086,939
SoftBank Group Corp.	41,300	1,600,726
Sompo Holdings, Inc.	11,600	512,348
Sony Group Corp.	43,500	3,547,720
Square Enix Holdings Company, Ltd.	3,400	150,915
Subaru Corp.	23,000	406,834
SUMCO Corp. (B)	12,900	167,763
Sumitomo Chemical Company, Ltd.	56,000	219,167
Sumitomo Corp.	41,300	561,409

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Sumitomo Electric Industries, Ltd.	26,200	\$ 289,524
Sumitomo Metal Mining Company, Ltd.	9,200	285,240
Sumitomo Mitsui Financial Group, Inc.	44,700	1,328,712
Sumitomo Mitsui Trust Holdings, Inc.	12,600	389,415
Sumitomo Realty & Development Company, Ltd.	10,700	282,466
Suntory Beverage & Food, Ltd.	5,000	188,815
Suzuki Motor Corp.	13,600	427,556
Systemex Corp.	6,200	374,112
T&D Holdings, Inc.	19,900	238,214
Taisei Corp.	6,600	205,788
Takeda Pharmaceutical Company, Ltd.	51,376	1,443,067
TDK Corp.	14,300	442,131
Terumo Corp.	23,500	710,900
The Chiba Bank, Ltd.	21,600	118,232
The Kansai Electric Power Company, Inc.	24,300	240,535
The Shizuoka Bank, Ltd.	17,000	102,355
TIS, Inc.	7,800	205,224
Tobu Railway Company, Ltd.	6,800	155,221
Toho Company, Ltd.	4,067	147,328
Tokio Marine Holdings, Inc.	21,400	1,247,876
Tokyo Electric Power Company Holdings, Inc. (A)	50,400	210,834
Tokyo Electron, Ltd.	5,100	1,664,606
Tokyo Gas Company, Ltd.	13,900	288,064
Tokyu Corp.	17,900	211,282
Toppan, Inc.	10,300	171,844
Toray Industries, Inc.	50,800	285,945
Toshiba Corp. (B)	13,300	540,383
Tosoh Corp.	9,300	115,680
TOTO, Ltd.	4,800	158,935
Toyota Industries Corp.	5,200	322,438
Toyota Motor Corp.	365,900	5,645,583
Toyota Tsusho Corp.	7,900	257,562
Trend Micro, Inc.	4,600	225,039
Unicharm Corp.	14,900	500,003
USS Company, Ltd.	7,770	134,670
Welcia Holdings Company, Ltd.	3,400	68,355
West Japan Railway Company	8,200	301,665
Yakult Honsha Company, Ltd.	4,943	285,110
Yamaha Corp.	4,700	193,757
Yamaha Motor Company, Ltd. (B)	10,100	185,464
Yamato Holdings Company, Ltd.	11,000	176,035
Yaskawa Electric Corp.	8,300	268,075
Yokogawa Electric Corp.	7,886	130,460
Z Holdings Corp.	99,300	288,772
ZOZO, Inc.	4,800	86,845
		107,006,338
<b>Jordan - 0.0%</b>		
Hikma Pharmaceuticals PLC	6,907	136,279
<b>Luxembourg - 0.2%</b>		
ArcelorMittal SA	21,067	472,438
Aroundtown SA	37,519	120,001
Eurofins Scientific SE	4,949	390,865
Reinet Investments SCA	5,229	91,920
Tenaris SA	18,379	236,063
		1,311,287
<b>Macau - 0.0%</b>		
Sands China, Ltd. (A)	92,000	221,325
<b>Malaysia - 0.4%</b>		
AMMB Holdings BHD	59,087	50,036
Axiata Group BHD	101,690	65,279
CIMB Group Holdings BHD	201,045	226,241
Dialog Group BHD	166,000	80,269

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Malaysia (continued)</b>		
DiGi.Com BHD	110,800	\$ 88,065
Genting BHD	72,900	75,173
Genting Malaysia BHD	105,700	68,218
HAP Seng Consolidated BHD	30,200	48,859
Hartalega Holdings BHD	60,200	41,813
Hong Leong Bank BHD	23,269	108,119
Hong Leong Financial Group BHD	6,104	25,626
IHH Healthcare BHD	108,100	158,198
Inari Amertron BHD	98,100	58,963
IOI Corp. BHD	114,466	99,748
Kuala Lumpur Kepong BHD	17,415	86,652
Malayan Banking BHD	162,358	316,428
Malaysia Airports Holdings BHD (A)	34,427	51,540
Maxis BHD	67,200	50,330
MISC BHD	45,780	73,763
Mr. D.I.Y Group M BHD (C)	80,550	37,846
Nestle Malaysia BHD	2,800	84,256
Petronas Chemicals Group BHD	99,800	203,792
Petronas Dagangan BHD	12,200	58,505
Petronas Gas BHD	21,200	79,048
PPB Group BHD	21,240	76,468
Press Metal Aluminium Holdings BHD	120,800	130,689
Public Bank BHD	486,890	482,978
QL Resources BHD	54,400	64,183
RHB Bank BHD	30,868	40,134
Sime Darby BHD	108,224	52,363
Sime Darby Plantation BHD	108,786	106,903
Telekom Malaysia BHD	42,705	50,899
Tenaga Nasional BHD	101,250	183,307
Top Glove Corp. BHD	164,400	38,854
		3,463,545
<b>Malta - 0.0%</b>		
BGP Holdings PLC (A)(E)	271,827	0
<b>Mexico - 0.6%</b>		
Alfa SAB de CV, Class A	98,000	69,688
America Movil SAB de CV, Series L	962,732	985,257
Arca Continental SAB de CV	16,000	105,526
Cemex SAB de CV, Series CPO (A)	521,849	203,710
Coca-Cola Femsa SAB de CV	15,212	84,322
Fibra Uno Administracion SA de CV	90,200	89,978
Fomento Economico Mexicano SAB de CV	70,620	476,653
Gruma SAB de CV, Class B	7,685	84,858
Grupo Aeroportuario del Pacifico SAB de CV, B Shares	14,200	198,515
Grupo Aeroportuario del Sureste SAB de CV, B Shares (B)	8,185	161,347
Grupo Bimbo SAB de CV, Series A	53,084	173,458
Grupo Carso SAB de CV, Series A1	15,377	56,899
Grupo Financiero Banorte SAB de CV, Series O	93,962	525,191
Grupo Financiero Inbursa SAB de CV, Series O (A)	77,038	123,279
Grupo Mexico SAB de CV, Series B	104,066	433,714
Grupo Televisa SAB, Series CPO	80,326	131,616
Industrias Penoles SAB de CV	4,883	45,288
Kimberly-Clark de Mexico SAB de CV, Class A (B)	43,778	59,432
Operadora de Sites Mexicanos SAB de CV, Class A1 (B)	63,900	73,911
Orbia Advance Corp. SAB de CV	37,631	88,326
Promotora y Operadora de Infraestructura SAB de CV	5,800	42,646
Wal-Mart de Mexico SAB de CV	188,888	649,994
		4,863,608

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Netherlands - 2.8%</b>		
ABN AMRO Bank NV (C)	16,827	\$ 189,078
Adyen NV (A)(C)	740	1,067,922
Aegon NV	61,167	263,425
Akzo Nobel NV	6,858	448,501
Argenx SE (A)	1,653	623,107
ASM International NV	1,723	428,697
ASML Holding NV	13,887	6,560,773
Euronext NV (C)	3,256	267,035
EXOR NV	3,992	249,461
Heineken Holding NV	4,217	306,344
Heineken NV	9,397	855,334
IMCD NV	2,143	293,023
ING Groep NV	140,027	1,379,497
JDE Peet's NV	4,248	120,951
Just Eat Takeaway.com NV (A)(C)	6,815	107,087
Koninklijke Ahold Delhaize NV	37,778	983,328
Koninklijke DSM NV	6,394	915,948
Koninklijke KPN NV	126,323	449,476
Koninklijke Philips NV	31,413	673,766
NN Group NV	10,304	466,700
OCI NV	3,599	118,392
Prosus NV (A)	28,338	1,834,996
QIAGEN NV (A)	8,350	392,603
Randstad NV	4,552	220,001
Stellantis NV	40,495	502,737
Stellantis NV (Euronext Paris Exchange)	34,423	427,888
Universal Music Group NV	26,557	532,099
Wolters Kluwer NV	9,704	940,496
		21,618,665
<b>New Zealand - 0.1%</b>		
Auckland International Airport, Ltd. (A)	36,599	163,949
Fisher & Paykel Healthcare Corp., Ltd.	19,921	248,170
Mercury NZ, Ltd.	23,358	82,246
Meridian Energy, Ltd.	44,474	129,782
Spark New Zealand, Ltd.	67,539	202,128
Xero, Ltd. (A)	4,614	246,114
		1,072,389
<b>Norway - 0.5%</b>		
Adevinta ASA (A)	8,335	61,362
Aker BP ASA	10,754	372,435
DNB Bank ASA	30,942	560,160
Equinor ASA	33,389	1,163,453
Gjensidige Forsikring ASA	6,934	141,152
Kongsberg Gruppen ASA	3,055	109,874
Mowi ASA	14,928	341,369
Norsk Hydro ASA	48,185	272,306
Orkla ASA	29,206	233,960
Salmar ASA	2,012	142,442
Telenor ASA	26,898	359,444
Yara International ASA	6,981	292,511
		4,050,468
<b>Peru - 0.1%</b>		
Cia de Minas Buenaventura SAA, ADR	8,064	53,222
Credicorp, Ltd.	2,434	291,861
Southern Copper Corp.	2,874	143,154
		488,237
<b>Philippines - 0.2%</b>		
Aboitiz Equity Ventures, Inc.	85,070	73,539
AC Energy Corp.	26,760	3,916
Ayala Corp.	8,920	97,442
Ayala Land, Inc.	253,800	117,971
Bank of the Philippine Islands	34,118	52,622
BDO Unibank, Inc.	77,140	155,196
Globe Telecom, Inc.	970	40,032

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Philippines (continued)</b>		
GT Capital Holdings, Inc.	3,464	\$ 30,844
International Container Terminal Services, Inc.	33,760	113,036
JG Summit Holdings, Inc.	89,355	79,127
Jollibee Foods Corp.	18,900	70,027
Manila Electric Company	8,090	52,985
Metro Pacific Investments Corp.	509,100	32,698
Metropolitan Bank & Trust Company	65,642	57,103
Monde Nissin Corp. (A)(C)	214,900	50,858
PLDT, Inc.	3,730	113,914
SM Investments Corp.	8,302	118,137
SM Prime Holdings, Inc.	311,044	206,991
Universal Robina Corp.	30,280	61,144
		1,527,582
<b>Poland - 0.2%</b>		
Allegro.eu SA (A)(C)	13,472	72,423
Bank Polska Kasa Opieki SA	5,522	101,086
CD Projekt SA (A)	2,349	50,468
Cyfrowy Polsat SA	6,360	30,128
Dino Polska SA (A)(C)	1,719	122,611
KGHM Polska Miedz SA (A)	5,681	151,784
LPP SA	42	84,854
Orange Polska SA	26,179	36,640
PGE Polska Grupa Energetyczna SA (A)	26,654	63,640
Polski Koncern Naftowy ORLEN SA	11,432	175,545
Polskie Gornictwo Naftowe i Gazownictwo SA	62,946	80,296
Powszechna Kasa Oszczednosci Bank Polski SA (A)	32,873	206,192
Powszechny Zaklad Ubezpieczen SA	23,000	154,199
Santander Bank Polska SA	1,219	63,533
		1,393,399
<b>Portugal - 0.1%</b>		
EDP - Energias de Portugal SA	91,820	427,914
Galp Energia SGPS SA	18,673	218,494
Jeronimo Martins SGPS SA	9,675	209,739
		856,147
<b>Romania - 0.0%</b>		
NEPI Rockcastle S.A.	15,018	80,091
<b>Russia - 0.0%</b>		
Gazprom PJSC, ADR (E)	251,662	107,460
Gazprom PJSC, ADR (London Stock Exchange) (E)	3,680	1,571
LUKOIL PJSC, ADR (E)	23,756	96,022
MMC Norilsk Nickel PJSC, ADR (E)	39,185	77,116
Mobile TeleSystems PJSC, ADR (E)	20,264	7,518
Novatek PJSC, GDR (E)	3,057	27,082
Rosneft Oil Company PJSC, GDR (E)	30,000	10,410
Rosneft Oil Company PJSC, GDR (London Stock Exchange) (E)	9,131	3,168
Sberbank of Russia PJSC, ADR (A)(E)	40,000	8,840
Sberbank of Russia PJSC, ADR (London Stock Exchange) (A)(E)	34,900	7,790
Severstal PAO, GDR (E)	4,250	2,151
Surgutneftegas PJSC, ADR (E)	22,274	6,393
Surgutneftegas PJSC, ADR (London Stock Exchange) (E)	23,070	4,822
Tatneft PJSC, ADR (E)	7,986	16,164
VTB Bank PJSC, GDR (E)	50,760	863
		377,370
<b>Saudi Arabia - 1.2%</b>		
ACWA Power Company (A)	2,748	109,632
Advanced Petrochemical Company	4,529	62,104

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Saudi Arabia (continued)</b>		
Al Rajhi Bank	69,680	\$ 1,535,151
Alinma Bank	34,699	310,090
Almarai Company JSC	8,852	123,872
Arab National Bank	21,244	167,450
Bank AlBilad (A)	17,420	203,738
Bank Al-Jazira	14,284	85,233
Banque Saudi Fransi	19,205	243,286
Bupa Arabia for Cooperative Insurance Company	981	41,644
Dar Al Arkan Real Estate Development Company (A)	18,814	54,071
Emaar Economic City (A)	13,598	35,849
Ethad Etisalat Company	13,413	125,230
Jarir Marketing Company	2,090	90,726
Mouwasat Medical Services Company	1,674	95,071
National Industrialization Company (A)	11,652	50,196
Rabigh Refining & Petrochemical Company (A)	14,852	67,493
Riyad Bank	42,488	364,576
SABIC Agri-Nutrients Company	5,901	217,108
Sahara International Petrochemical Company	12,775	171,330
Saudi Arabian Mining Company (A)	30,500	407,071
Saudi Arabian Oil Company (C)	84,135	869,544
Saudi Basic Industries Corp.	26,663	723,033
Saudi Electricity Company	29,505	190,860
Saudi Industrial Investment Group	7,839	59,662
Saudi Kayan Petrochemical Company (A)	26,130	110,093
Saudi Research & Media Group (A)	1,230	61,832
Saudi Telecom Company	20,888	541,653
The Saudi British Bank	25,464	276,582
The Saudi Investment Bank	16,741	87,250
The Saudi National Bank	74,964	1,319,549
The Savola Group	9,302	83,439
Yanbu National Petrochemical Company	7,999	107,737
		8,992,155
<b>Singapore - 1.0%</b>		
Ascendas Real Estate Investment Trust	117,802	241,771
BOC Aviation, Ltd. (C)	7,400	62,564
CapitalLand Integrated Commercial Trust	183,231	286,431
CapitalLand Investment, Ltd.	93,902	258,448
CDL Hospitality Trusts	2,639	2,414
City Developments, Ltd.	16,600	97,500
DBS Group Holdings, Ltd.	64,154	1,372,729
Genting Singapore, Ltd.	226,200	117,317
Grab Holdings, Ltd., Class A (A)	37,400	94,622
JOYY, Inc., ADR	2,000	59,720
Keppel Corp., Ltd.	55,069	257,261
Mapletree Commercial Trust	89,600	118,090
Mapletree Logistics Trust	124,150	150,241
Oversea-Chinese Banking Corp., Ltd.	120,702	990,124
Sea, Ltd., ADR (A)	12,200	815,692
Singapore Airlines, Ltd. (A)	57,850	212,568
Singapore Exchange, Ltd.	30,900	210,520
Singapore Technologies Engineering, Ltd.	61,500	181,045
Singapore Telecommunications, Ltd.	294,940	536,810
United Overseas Bank, Ltd.	42,208	797,399
UOL Group, Ltd.	20,239	107,279
Venture Corp., Ltd.	11,100	132,961
Wilmar International, Ltd.	72,000	209,562
		7,313,068
<b>South Africa - 1.0%</b>		
Absa Group, Ltd.	27,515	262,722
African Rainbow Minerals, Ltd.	5,157	68,029
Anglo American Platinum, Ltd.	1,813	158,190

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Africa (continued)</b>		
AngloGold Ashanti, Ltd.	14,430	\$ 213,061
Aspen Pharmacare Holdings, Ltd.	13,036	112,055
Bid Corp., Ltd.	11,078	208,873
Capitec Bank Holdings, Ltd.	2,975	364,617
Clicks Group, Ltd.	8,355	140,511
Discovery, Ltd. (A)	16,080	127,177
Exxaro Resources, Ltd.	8,997	109,310
FirstRand, Ltd.	172,480	663,777
Gold Fields, Ltd.	29,492	272,010
Growthpoint Properties, Ltd.	109,582	83,263
Harmony Gold Mining Company, Ltd.	18,873	59,010
Impala Platinum Holdings, Ltd.	28,968	321,384
Kumba Iron Ore, Ltd.	2,164	70,155
Mr. Price Group, Ltd.	8,969	98,351
MTN Group, Ltd.	59,164	481,453
MultiChoice Group	15,717	111,767
Naspers, Ltd., N Shares	7,259	1,060,442
Nedbank Group, Ltd. (B)	15,440	197,626
Northam Platinum Holdings, Ltd. (A)	11,870	124,419
Old Mutual, Ltd. (B)	182,601	123,196
Pepkor Holdings, Ltd. (C)	56,996	66,963
Remgro, Ltd.	17,781	142,578
Sanlam, Ltd.	59,860	194,559
Sasol, Ltd. (A)	19,396	447,253
Shoprite Holdings, Ltd.	16,492	200,939
Sibanye Stillwater, Ltd.	101,051	250,958
Standard Bank Group, Ltd.	43,543	415,433
The Bidvest Group, Ltd.	9,718	125,515
The Foschini Group, Ltd.	11,309	84,898
The SPAR Group, Ltd.	5,706	48,406
Vodacom Group, Ltd.	21,952	177,767
Woolworths Holdings, Ltd.	33,746	112,794
		7,699,461
<b>South Korea - 3.0%</b>		
Alteogen, Inc. (A)	591	27,876
Amorepacific Corp.	975	97,998
AMOREPACIFIC Group	770	22,189
BGF retail Company, Ltd.	90	13,134
Celltrion Healthcare Company, Ltd.	3,174	168,473
Celltrion Pharm, Inc. (A)	569	34,644
Celltrion, Inc.	3,173	438,038
Cheil Worldwide, Inc.	1,346	24,720
CJ CheilJedang Corp.	210	61,476
CJ Corp.	456	27,380
CJ ENM Company, Ltd.	178	12,881
CJ Logistics Corp. (A)	312	27,505
Coway Company, Ltd.	2,324	114,985
DB Insurance Company, Ltd.	1,122	53,155
Doosan Bobcat, Inc.	1,103	24,681
Doosan Enerbility Company, Ltd. (A)	10,736	161,235
Ecopro BM Company, Ltd.	1,844	162,500
E-MART, Inc.	496	40,442
F&F Company, Ltd.	575	59,757
Green Cross Corp.	274	35,636
GS Engineering & Construction Corp.	1,468	35,829
GS Holdings Corp.	1,749	56,509
Hana Financial Group, Inc.	11,216	340,896
Hankook Tire & Technology Company, Ltd.	1,937	49,380
Hanmi Pharm Company, Ltd.	147	35,024
Hanon Systems	4,656	36,197
Hanwha Solutions Corp. (A)	3,439	100,697
HD Hyundai Company, Ltd.	1,555	71,446
HLB, Inc. (A)	2,702	73,996
HMM Company, Ltd.	8,540	162,589

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Hotel Shilla Company, Ltd.	1,060	\$ 58,341
HYBE Company, Ltd. (A)	560	62,897
Hyundai Engineering & Construction Company, Ltd.	2,649	84,723
Hyundai Glovis Company, Ltd.	539	74,932
Hyundai Mobis Company, Ltd.	2,223	342,647
Hyundai Motor Company	4,857	678,754
Hyundai Steel Company	2,875	71,310
Iljin Materials Company, Ltd.	767	41,514
Industrial Bank of Korea	5,941	44,122
Kakao Corp.	10,511	569,540
Kakao Games Corp. (A)	994	37,777
KakaoBank Corp. (A)	3,982	93,025
Kangwon Land, Inc. (A)	3,612	70,924
KB Financial Group, Inc.	12,892	481,430
KB Financial Group, Inc., ADR	430	15,996
Kia Corp.	8,833	527,202
Korea Aerospace Industries, Ltd.	1,710	70,715
Korea Electric Power Corp. (A)	6,370	111,091
Korea Electric Power Corp., ADR	4,277	37,552
Korea Investment Holdings Company, Ltd.	1,170	55,773
Korea Shipbuilding & Offshore Engineering Company, Ltd. (A)	1,127	81,807
Korea Zinc Company, Ltd.	350	131,738
Korean Air Lines Company, Ltd. (A)	6,728	131,216
Krafton, Inc. (A)	733	123,830
KT&G Corp.	4,465	283,013
Kumho Petrochemical Company, Ltd.	614	66,041
L&F Company, Ltd. (A)	748	121,937
LG Chem, Ltd.	1,553	616,979
LG Corp.	2,922	175,756
LG Display Company, Ltd.	5,471	61,385
LG Display Company, Ltd., ADR (B)	2,417	13,487
LG Electronics, Inc.	3,973	270,944
LG H&H Company, Ltd.	358	188,092
LG Innotek Company, Ltd.	575	152,513
LG Uplus Corp.	9,062	89,180
Lotte Chemical Corp.	562	78,352
Lotte Shopping Company, Ltd.	366	29,416
Meritz Securities Company, Ltd.	14,974	52,628
Mirae Asset Securities Company, Ltd.	7,084	36,166
NAVER Corp.	4,194	782,293
NCSOFT Corp.	550	148,462
Netmarble Corp. (C)	515	27,374
NH Investment & Securities Company, Ltd.	3,944	27,589
Orion Corp.	569	45,756
Pan Ocean Company, Ltd.	9,148	42,032
Pearl Abyss Corp. (A)	1,020	40,228
POSCO Chemical Company, Ltd.	883	73,126
POSCO Holdings, Inc.	2,484	442,989
S-1 Corp.	252	12,495
Samsung Biologics Company, Ltd. (A)(C)	586	358,261
Samsung C&T Corp.	2,732	260,099
Samsung Electro-Mechanics Company, Ltd.	1,863	188,487
Samsung Electronics Company, Ltd.	163,163	7,196,689
Samsung Engineering Company, Ltd. (A)	6,723	111,741
Samsung Fire & Marine Insurance Company, Ltd.	1,218	189,233
Samsung Heavy Industries Company, Ltd. (A)	20,659	96,630
Samsung Life Insurance Company, Ltd.	2,349	113,516
Samsung SDI Company, Ltd.	1,864	768,686
Samsung SDS Company, Ltd.	1,018	102,234

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>South Korea (continued)</b>		
Samsung Securities Company, Ltd.	1,475	\$ 38,128
SD Biosensor, Inc.	1,695	50,798
Seegene, Inc.	947	26,410
Shinhan Financial Group Company, Ltd.	14,320	410,619
Shinhan Financial Group Company, Ltd., ADR	350	9,996
SK Biopharmaceuticals Company, Ltd. (A)	528	30,545
SK Bioscience Company, Ltd. (A)	763	59,331
SK Chemicals Company, Ltd.	385	27,374
SK Hynix, Inc.	18,713	1,321,402
SK IE Technology Company, Ltd. (A)(C)	601	45,676
SK Innovation Company, Ltd. (A)	1,838	272,865
SK Square Company, Ltd. (A)	195	5,891
SK Telecom Company, Ltd.	506	20,306
SK, Inc.	1,605	267,102
SKC Company, Ltd.	859	88,333
S-Oil Corp.	1,876	149,525
Woori Financial Group, Inc.	16,990	159,039
Yuhan Corp.	1,295	56,014
		22,873,287
<b>Spain - 1.6%</b>		
Acciona SA	843	155,331
ACS Actividades de Construccion y Servicios SA	7,550	184,007
Aena SME SA (A)(C)	2,789	355,881
Amadeus IT Group SA (A)	16,293	912,317
Banco Bilbao Vizcaya Argentaria SA	239,997	1,090,210
Banco Santander SA	570,902	1,615,326
Banco Santander SA (Mexican Stock Exchange)	22,856	65,353
CaixaBank SA	163,763	573,509
Cellnex Telecom SA (A)(C)	18,545	721,741
EDP Renovaveis SA	9,513	224,723
Enagas SA	9,787	216,456
Endesa SA	12,378	234,161
Ferrovial SA	18,180	462,570
Grifols SA (A)	11,763	223,079
Iberdrola SA	197,942	2,060,864
Industria de Diseno Textil SA	39,419	895,819
Naturgy Energy Group SA	4,969	143,583
Red Electrica Corp. SA	16,401	310,465
Repsol SA	53,970	795,629
Siemens Gamesa Renewable Energy SA (A)	9,848	185,678
Telefonica SA	183,426	936,492
		12,363,194
<b>Sweden - 2.0%</b>		
Alfa Laval AB	11,168	270,736
Assa Abloy AB, B Shares	34,547	737,235
Atlas Copco AB, A Shares	92,584	866,590
Atlas Copco AB, B Shares	53,800	450,786
Boliden AB	9,749	311,778
Electrolux AB, Series B	9,015	121,764
Embracer Group AB (A)(B)	21,941	168,531
Epiroc AB, A Shares	22,715	352,198
Epiroc AB, B Shares	14,979	202,987
EQT AB	11,030	226,700
Essity AB, B Shares	20,983	548,507
Evolution AB (C)	6,247	571,482
Fastighets AB Balder, B Shares (A)	24,258	116,212
Getinge AB, B Shares	8,639	200,221
Hennes & Mauritz AB, B Shares (B)	25,173	302,143
Hexagon AB, B Shares	67,089	701,017
Holmen AB, B Shares	3,205	130,551
Husqvarna AB, B Shares	16,345	120,476

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Sweden (continued)</b>		
Industrivarden AB, A Shares	5,394	\$ 121,942
Industrivarden AB, C Shares (B)	6,375	142,509
Indutrade AB	9,332	171,224
Investment AB Latour, B Shares	5,907	117,330
Investor AB, A Shares	17,189	309,588
Investor AB, B Shares	62,798	1,035,650
Kinnevik AB, B Shares (A)	8,775	142,034
L.E. Lundbergforetagen AB, B Shares	3,102	126,490
Lifco AB, B Shares	9,142	147,631
Lundin Energy AB (B)	6,899	4,691
Nibe Industrier AB, B Shares	51,776	390,300
Sagax AB, B Shares	6,422	119,062
Sandvik AB	38,912	634,153
Securitas AB, B Shares	12,796	110,632
Sinch AB (A)(B)(C)	20,504	66,975
Skandinaviska Enskilda Banken AB, A Shares	57,777	569,210
Skanska AB, B Shares	12,918	198,750
SKF AB, B Shares	14,059	208,583
Svenska Cellulosa AB SCA, B Shares	20,883	313,768
Svenska Handelsbanken AB, A Shares	50,274	431,547
Swedbank AB, A Shares	31,214	395,874
Swedish Match AB	57,080	582,361
Swedish Orphan Biovitrum AB (A)	5,771	125,347
Tele2 AB, B Shares	17,728	202,150
Telefonaktiebolaget LM Ericsson, B Shares	100,604	751,413
Telia Company AB	91,625	351,666
Volvo AB, A Shares	8,008	129,687
Volvo AB, B Shares	51,555	802,164
Volvo Car AB, B Shares (A)(B)	20,359	135,279
		15,237,924
<b>Switzerland - 6.9%</b>		
ABB, Ltd.	56,116	1,504,929
Adecco Group AG	6,058	206,486
Alcon, Inc.	18,013	1,263,100
Bachem Holding AG, Class B	1,275	88,868
Baloise Holding AG	1,882	308,071
Barry Callebaut AG	136	304,289
Chocoladefabriken Lindt & Spruengli AG	4	419,836
Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	42	427,646
Cie Financiere Richemont SA, A Shares	17,834	1,918,282
Clariant AG (A)	8,258	157,466
Coca-Cola HBC AG	8,067	179,746
Credit Suisse Group AG	96,288	549,597
EMS-Chemie Holding AG	321	239,563
Geberit AG	1,305	627,840
Givaudan SA	333	1,173,729
Glencore PLC (A)	342,145	1,853,207
Holcim, Ltd. (A)	12,218	524,025
Holcim, Ltd. (Euronext Paris Exchange) (A)	6,750	290,726
Julius Baer Group, Ltd.	8,601	399,001
Kuehne + Nagel International AG	2,065	490,649
Logitech International SA	6,403	333,886
Lonza Group AG	2,544	1,358,846
Nestle SA	96,173	11,240,004
Novartis AG	75,570	6,406,872
Partners Group Holding AG	821	741,443
Roche Holding AG	24,003	8,024,199
Roche Holding AG, Bearer Shares	911	352,555
Schindler Holding AG	806	145,160
Schindler Holding AG, Participation Certificates	1,582	289,283
SGS SA	220	504,610

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Switzerland (continued)</b>		
Sika AG	5,094	\$ 1,175,885
Sonova Holding AG	2,001	639,483
STMicroelectronics NV	24,696	781,016
Straumann Holding AG	3,800	457,771
Swiss Life Holding AG	1,152	562,369
Swiss Prime Site AG	3,037	266,843
Swiss Re AG	10,900	846,036
Swisscom AG	989	547,036
Temenos AG	2,556	218,743
The Swatch Group AG	2,395	106,861
The Swatch Group AG, Bearer Shares	1,191	282,908
UBS Group AG	120,167	1,942,707
VAT Group AG (C)	1,010	241,548
Vifor Pharma AG	1,821	315,544
Zurich Insurance Group AG	5,140	2,241,417
		52,950,081
<b>Taiwan - 4.1%</b>		
Accton Technology Corp.	17,000	136,748
Acer, Inc.	99,018	72,403
Advantech Company, Ltd.	13,296	154,730
ASE Technology Holding Company, Ltd.	111,338	286,753
Asia Cement Corp.	72,863	107,462
ASMedia Technology, Inc.	1,000	37,660
Asustek Computer, Inc.	23,952	250,502
AUO Corp.	273,827	149,929
Catcher Technology Company, Ltd.	22,184	123,753
Cathay Financial Holding Company, Ltd.	263,839	451,790
Chailease Holding Company, Ltd.	47,255	331,564
Chang Hwa Commercial Bank, Ltd.	114,855	67,088
Cheng Shin Rubber Industry Company, Ltd.	43,680	52,043
China Airlines, Ltd.	94,000	74,484
China Development Financial Holding Corp.	504,133	249,655
China Steel Corp.	403,388	386,244
Chunghwa Telecom Company, Ltd.	127,148	522,125
Compal Electronics, Inc.	139,764	107,009
CTBC Financial Holding Company, Ltd.	586,465	496,062
Delta Electronics, Inc.	64,866	483,657
E Ink Holdings, Inc.	29,000	185,173
E.Sun Financial Holding Company, Ltd.	410,799	401,009
Eclat Textile Company, Ltd.	6,259	87,669
eMemory Technology, Inc.	2,000	70,161
Eva Airways Corp.	86,000	91,760
Evergreen Marine Corp. Taiwan, Ltd.	84,566	240,359
Far Eastern New Century Corp.	109,875	117,616
Far EasTone Telecommunications Company, Ltd.	45,159	127,091
Feng TAY Enterprise Company, Ltd.	14,520	85,677
First Financial Holding Company, Ltd.	346,987	306,238
Formosa Chemicals & Fibre Corp.	117,212	294,607
Formosa Petrochemical Corp.	39,720	125,204
Formosa Plastics Corp.	128,086	467,698
Fubon Financial Holding Company, Ltd.	240,270	483,267
Giant Manufacturing Company, Ltd.	10,000	80,834
Globalwafers Company, Ltd.	7,000	106,958
Hon Hai Precision Industry Company, Ltd.	426,368	1,565,258
Hotai Motor Company, Ltd.	10,000	203,998
Hua Nan Financial Holdings Company, Ltd.	286,485	218,124
Innolux Corp.	275,841	112,243
Inventec Corp.	89,899	76,011
Largan Precision Company, Ltd.	3,143	182,650
Lite-On Technology Corp.	70,626	137,446
MediaTek, Inc.	53,340	1,170,876

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Taiwan (continued)</b>		
Mega Financial Holding Company, Ltd.	363,134	\$ 431,506
Micro-Star International Company, Ltd.	23,000	87,864
momo.com, Inc.	2,400	51,634
Nan Ya Plastics Corp.	171,992	480,098
Nan Ya Printed Circuit Board Corp.	8,000	70,371
Nanya Technology Corp.	37,000	61,578
Nien Made Enterprise Company, Ltd.	5,000	49,350
Novatek Microelectronics Corp.	19,361	196,982
Pegatron Corp.	66,989	128,447
Pou Chen Corp.	78,641	78,105
Powerchip Semiconductor Manufacturing Corp.	91,000	123,254
President Chain Store Corp.	19,496	178,601
Quanta Computer, Inc.	90,771	243,507
Realtek Semiconductor Corp.	14,999	183,445
Ruentex Development Company, Ltd.	38,400	94,905
Shin Kong Financial Holding Company, Ltd.	411,790	121,371
SinoPac Financial Holdings Company, Ltd.	338,762	191,507
Synnex Technology International Corp.	45,928	82,218
Taishin Financial Holding Company, Ltd.	341,572	187,377
Taiwan Cement Corp.	167,824	223,331
Taiwan Cooperative Financial Holding Company, Ltd.	296,127	267,763
Taiwan High Speed Rail Corp.	66,000	62,276
Taiwan Mobile Company, Ltd.	55,257	200,788
Taiwan Semiconductor Manufacturing Company, Ltd.	841,227	13,481,801
The Shanghai Commercial & Savings Bank, Ltd.	111,937	200,225
Unimicron Technology Corp.	40,000	214,074
Uni-President Enterprises Corp.	161,487	364,106
United Microelectronics Corp.	388,313	519,052
Vanguard International Semiconductor Corp.	31,000	80,643
Voltronic Power Technology Corp.	2,000	97,021
Walsin Lihwa Corp.	82,000	99,403
Wan Hai Lines, Ltd.	19,800	79,168
Win Semiconductors Corp.	11,000	71,416
Winbond Electronics Corp.	102,000	74,630
Wiwynn Corp.	3,000	70,297
WPG Holdings, Ltd.	47,840	88,770
Ya Hsin Industrial Company, Ltd. (A)(E)	36,000	0
Yageo Corp.	12,584	130,508
Yang Ming Marine Transport Corp.	60,000	165,948
Yuanta Financial Holding Company, Ltd.	324,837	215,144
Zhen Ding Technology Holding, Ltd.	19,000	65,821
		31,293,893
<b>Thailand - 0.5%</b>		
Advanced Info Service PCL	48,400	266,549
Airports of Thailand PCL (A)	163,100	327,857
Bangkok Dusit Medical Services PCL, NVDR	387,300	274,131
Bangkok Expressway & Metro PCL, NVDR	354,600	87,869
Berli Jucker PCL, NVDR	21,300	19,570
BTS Group Holdings PCL, NVDR	301,600	72,991
Bumrungrad Hospital PCL, NVDR	15,600	79,014
Central Pattana PCL, NVDR	64,400	111,298
Central Retail Corp. PCL	45,441	45,063
Charoen Pokphand Foods PCL	136,200	100,326
CP ALL PCL	184,600	313,612
CP ALL PCL, NVDR	12,300	20,896
Electricity Generating PCL	7,600	37,976
Electricity Generating PCL, NVDR	1,400	6,996



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Thailand (continued)</b>		
Energy Absolute PCL	56,900	\$ 131,884
Gulf Energy Development PCL, NVDR	79,150	104,267
Home Product Center PCL	204,400	73,537
Indorama Ventures PCL, NVDR	54,900	73,161
Krung Thai Bank PCL	164,375	72,246
Krunghai Card PCL	30,800	49,793
Land & Houses PCL, NVDR	393,400	92,957
Minor International PCL, NVDR (A)	131,483	126,856
Muangthai Capital PCL, NVDR	11,300	13,679
PTT Exploration & Production PCL	60,147	271,140
PTT Global Chemical PCL	87,373	112,779
PTT PCL	391,000	376,450
PTT PCL, NVDR	10,500	10,109
Ratch Group PCL, NVDR	19,200	20,762
SCB X PCL	23,348	68,680
Thai Oil PCL	46,900	68,428
Thai Union Group PCL	95,900	46,443
The Siam Cement PCL	12,000	127,149
The Siam Cement PCL, NVDR	14,300	151,519
True Corp. PCL	448,802	58,506
		3,814,493
<b>Turkey - 0.1%</b>		
Akbank TAS	100,286	48,445
Aselsan Elektronik Sanayi Ve Ticaret AS	14,026	19,232
BIM Birlesik Magazalar AS	16,428	79,785
Eregli Demir ve Celik Fabrikalari TAS	49,091	79,846
Ford Otomotiv Sanayi AS	4,572	73,687
Haci Omer Sabanci Holding AS	34,855	39,526
KOC Holding AS	25,423	56,135
Turk Hava Yollari AO (A)	18,859	52,985
Turkcell Iletisim Hizmetleri AS	38,572	37,630
Turkiye Is Bankasi AS, Class C	134,602	35,566
Turkiye Petrol Rafinerileri AS (A)	4,998	78,784
Turkiye Sise ve Cam Fabrikalari AS	47,094	61,023
		662,644
<b>United Arab Emirates - 0.0%</b>		
NMC Health PLC (A)	4,471	2
<b>United Kingdom - 9.6%</b>		
3i Group PLC	35,664	483,384
abrdn PLC	83,799	163,572
Admiral Group PLC	7,357	201,436
Anglo American PLC	44,317	1,584,270
Ashtead Group PLC	16,179	680,627
Associated British Foods PLC	13,433	259,198
AstraZeneca PLC	53,425	7,047,924
Auto Trader Group PLC (C)	37,238	252,196
AVEVA Group PLC	4,798	131,717
Aviva PLC	108,246	530,218
BAE Systems PLC	107,497	1,088,299
Barclays PLC	578,927	1,082,569
Barratt Developments PLC	38,692	216,430
BP PLC	665,275	3,123,796
British American Tobacco PLC	74,982	3,214,050
BT Group PLC	237,392	539,535
Bunzl PLC	12,530	416,131
Burberry Group PLC	15,189	304,714
CNH Industrial NV	37,712	436,154
Coca-Cola Europacific Partners PLC	6,887	352,670
Compass Group PLC	60,955	1,251,491
Croda International PLC	5,146	406,750
Diageo PLC	80,364	3,471,140
Entain PLC (A)	21,740	330,832
Ferguson PLC	7,567	847,674
GSK PLC	173,209	3,732,932

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
Halma PLC	13,950	\$ 342,502
Hargreaves Lansdown PLC	13,764	132,801
HSBC Holdings PLC	691,905	4,519,886
Imperial Brands PLC	30,847	690,595
Informa PLC (A)	56,166	362,867
InterContinental Hotels Group PLC	6,814	362,151
Intertek Group PLC	6,021	309,478
J Sainsbury PLC	71,585	178,151
JD Sports Fashion PLC	99,578	140,307
Johnson Matthey PLC	7,531	177,586
Kingfisher PLC	79,556	237,752
Land Securities Group PLC	25,882	210,032
Legal & General Group PLC	217,299	635,290
Lloyds Banking Group PLC	2,429,420	1,249,953
London Stock Exchange Group PLC	11,896	1,110,036
M&G PLC	94,053	222,973
Melrose Industries PLC	165,385	303,358
Mondi PLC	13,861	246,035
Mondi PLC (Johannesburg Stock Exchange)	4,137	73,513
National Grid PLC	123,849	1,591,576
NatWest Group PLC	210,760	560,993
Next PLC	4,895	349,700
Ocado Group PLC (A)	18,400	175,402
Pearson PLC	29,343	268,708
Persimmon PLC	11,973	272,409
Phoenix Group Holdings PLC	27,163	195,697
Prudential PLC	93,830	1,167,174
Reckitt Benckiser Group PLC	24,469	1,840,369
RELX PLC	41,592	1,129,280
RELX PLC (Euronext Amsterdam Exchange)	24,692	667,747
Rentokil Initial PLC	67,951	393,909
Rio Tinto PLC	38,611	2,308,423
Rolls-Royce Holdings PLC (A)	310,208	315,687
Schroders PLC	4,962	162,095
Segro PLC	44,245	528,187
Severn Trent PLC	9,413	312,513
Shell PLC	259,939	6,769,536
Smith & Nephew PLC	32,440	453,667
Smiths Group PLC	15,498	265,029
Spirax-Sarco Engineering PLC	2,735	329,865
SSE PLC	38,597	761,725
St. James's Place PLC	20,193	271,704
Standard Chartered PLC	96,275	726,818
Taylor Wimpey PLC	139,593	198,842
Tesco PLC	279,682	871,658
The Berkeley Group Holdings PLC (A)	4,051	184,177
The British Land Company PLC	35,353	193,394
The Sage Group PLC	34,459	266,843
Unilever PLC	87,494	3,987,960
United Utilities Group PLC	26,873	334,523
Vodafone Group PLC	946,663	1,471,960
Whitbread PLC	7,669	232,560
WPP PLC	42,535	429,657
		73,644,762
<b>United States - 0.1%</b>		
Bausch Health Companies, Inc. (A)	11,700	97,803
BeiGene, Ltd., ADR (A)	1,700	275,145
Brookfield Renewable Corp., Class A	5,150	183,443
Legend Biotech Corp., ADR (A)	2,100	115,500
Parade Technologies, Ltd.	3,000	116,792
		788,683
<b>TOTAL COMMON STOCKS (Cost \$650,635,457)</b>		<b>\$ 748,102,026</b>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>PREFERRED SECURITIES - 0.8%</b>		
<b>Brazil - 0.4%</b>		
Alpargatas SA	1,394	\$ 5,098
Banco Bradesco SA	191,782	630,300
Banco BTG Pactual SA	4	4
Braskem SA, A Shares	8,200	58,349
Centrais Eletricas Brasileiras SA, B Shares	5,700	50,863
Cia Energetica de Minas Gerais	47,172	93,560
Gerdau SA	43,600	186,198
Itau Unibanco Holding SA	173,789	752,811
Itausa SA	155,109	247,181
Petroleo Brasileiro SA	165,151	881,382
		2,905,746
<b>Germany - 0.3%</b>		
Bayerische Motoren Werke AG	2,090	149,071
Henkel AG & Company KGaA	6,583	407,362
Porsche Automobil Holding SE	5,695	378,782
Sartorius AG	969	340,090
Volkswagen AG	6,332	852,542
		2,127,847
<b>South Korea - 0.1%</b>		
Hyundai Motor Company	705	47,330
Hyundai Motor Company, 2nd Preferred	1,197	80,890
LG Chem, Ltd.	162	30,000
LG H&H Company, Ltd.	48	12,080
Samsung Electronics Company, Ltd.	28,139	1,131,058
		1,301,358
<b>TOTAL PREFERRED SECURITIES (Cost \$7,156,291)</b>		<b>\$ 6,334,951</b>
<b>WARRANTS - 0.0%</b>		
BTS Group Holdings PCL (Expiration Date: 11-20-26; Strike Price: THB 14.90) (A)	60,320	565
BTS Group Holdings PCL (Expiration Date: 11-7-24; Strike Price: THB 11.90) (A)	30,160	316
BTS Group Holdings PCL (Expiration Date: 9-5-22; Strike Price: THB 9.90) (A)	15,080	51
<b>TOTAL WARRANTS (Cost \$0)</b>		<b>\$ 932</b>
<b>RIGHTS - 0.0%</b>		
Taishin Financial Holding Company, Ltd. (Expiration Date: 7-14-22; Strike Price: TWD 17.65) (A)(E)	6,728	0

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Mini MSCI EAFE Index Futures	23	Long	Sep 2022	\$2,172,636	\$2,137,850	\$(34,786)
Mini MSCI Emerging Markets Index Futures	231	Long	Sep 2022	11,670,559	11,596,200	(74,359)
						<b>\$(109,145)</b>

<sup>^</sup> Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

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

## International Equity Index Trust (continued)

	Shares or Principal Amount	Value
<b>RIGHTS (continued)</b>		
Walsin Lihwa Corp. (Expiration Date: 8-4-22; Strike Price: TWD 33.00) (A)	5,731	\$ 588
<b>TOTAL RIGHTS (Cost \$0)</b>		<b>\$ 588</b>
<b>SHORT-TERM INVESTMENTS - 1.9%</b>		
<b>Short-term funds - 1.9%</b>		
Fidelity Government Portfolio, Institutional Class, 1.2500% (F)	3,748,139	3,748,139
John Hancock Collateral Trust, 1.4215% (F)(G)	1,053,739	10,533,599
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$14,282,819)</b>		<b>\$ 14,281,738</b>
<b>Total Investments (International Equity Index Trust) (Cost \$672,074,567) - 99.9%</b>		<b>\$ 768,720,235</b>
<b>Other assets and liabilities, net - 0.1%</b>		<b>787,984</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 769,508,219</b>

### Currency Abbreviations

THB Thai Bhat  
TWD New Taiwan Dollar

### Security Abbreviations and Legend

- ADR American Depositary Receipt  
BDR Brazilian Depositary Receipt  
GDR Global Depositary Receipt  
NVDR Non-Voting Depositary Receipt  
(A) Non-income producing security.  
(B) All or a portion of this security is on loan as of 6-30-22.  
(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.  
(D) Investment is an affiliate of the fund, the advisor and/or subadvisor.  
(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) The rate shown is the annualized seven-day yield as of 6-30-22.  
(G) 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 — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS - 98.2%</b>		
<b>Australia - 6.2%</b>		
A2B Australia, Ltd. (A)	9,047	\$ 6,898
Accent Group, Ltd.	24,907	21,337
Adairs, Ltd. (B)	6,776	8,944
Adbri, Ltd.	19,036	31,910
Ainsworth Game Technology, Ltd. (A)	10,192	6,742
Alcidion Group, Ltd. (A)	43,339	3,294
Alkane Resources, Ltd. (A)	25,036	10,722
Alliance Aviation Services, Ltd. (A)(B)	3,238	7,975
AMA Group, Ltd. (A)(B)	33,686	3,952
AMP, Ltd. (A)	163,895	108,255
Ansell, Ltd.	2,607	40,072
Appen, Ltd.	3,751	14,569
Arafura Resources, Ltd. (A)	145,698	28,750
ARB Corp., Ltd.	3,854	75,291
Archer Materials, Ltd. (A)(B)	10,038	3,833
Ardent Leisure Group, Ltd. (A)	39,016	37,751
AUB Group, Ltd.	5,264	64,514
Audinate Group, Ltd. (A)	1,532	7,988
Aurelia Metals, Ltd. (A)	85,331	15,030
Aussie Broadband, Ltd. (A)	7,972	18,240
Austral, Ltd.	23,155	28,768
Australian Agricultural Company, Ltd. (A)	28,065	41,893
Australian Finance Group, Ltd.	15,010	15,703
Australian Strategic Materials, Ltd. (A)	2,300	5,494
Auswide Bank, Ltd.	667	2,801
AVZ Minerals, Ltd. (A)(B)(C)	98,026	52,777
Baby Bunting Group, Ltd.	5,551	15,648
Bapcor, Ltd.	15,610	65,606
Base Resources, Ltd.	32,069	6,190
Beach Energy, Ltd.	86,667	103,225
Beacon Lighting Group, Ltd.	6,266	7,731
Bega Cheese, Ltd.	15,122	39,922
Bell Financial Group, Ltd.	10,635	7,102
Bellevue Gold, Ltd. (A)	51,351	22,682
Betmakers Technology Group, Ltd. (A)	14,102	3,329
Bigtincan Holdings, Ltd. (A)(B)	27,175	9,399
Blackmores, Ltd.	592	28,819
Boral, Ltd. (B)	15,023	26,874
Bravura Solutions, Ltd.	17,804	17,411
Breville Group, Ltd.	4,635	57,522
Brickworks, Ltd.	3,876	49,699
BWX, Ltd. (B)	8,729	3,870
BWX, Ltd., Entitlement Offer (A)	1,217	540
Calidus Resources, Ltd. (A)	26,074	10,648
Calix, Ltd. (A)	4,787	20,277
Capitol Health, Ltd.	41,735	8,068
Capricorn Metals, Ltd. (A)	13,300	28,811
Carnarvon Energy, Ltd. (A)	51,813	6,988
Cash Converters International, Ltd.	14,501	2,300
Cedar Woods Properties, Ltd.	2,694	6,853
Chalice Mining, Ltd. (A)	15,199	39,781
Challenger, Ltd.	13,830	65,476
Champion Iron, Ltd.	13,921	52,042
City Chic Collective, Ltd. (A)	9,410	11,910
Clinuvel Pharmaceuticals, Ltd.	2,335	23,951
Clover Corp., Ltd.	8,155	5,609
Codan, Ltd.	5,320	25,617
Collins Foods, Ltd.	8,677	59,466
Cooper Energy, Ltd. (A)	98,256	16,643
Cooper Energy, Ltd., Entitlement Offer (A)	59,949	10,154
Corporate Travel Management, Ltd. (A)	6,082	78,126
Costa Group Holdings, Ltd.	25,640	50,702
Credit Corp. Group, Ltd.	3,047	42,703
CSR, Ltd.	25,551	71,829
Data#3, Ltd.	9,073	29,199

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
De Grey Mining, Ltd. (A)	57,286	\$ 31,713
Deterra Royalties, Ltd.	22,629	66,328
Dicker Data, Ltd.	2,793	21,344
Domain Holdings Australia, Ltd.	11,859	24,638
Downer EDI, Ltd.	30,558	106,623
Eagers Automotive, Ltd.	7,533	50,587
Eclipx Group, Ltd. (A)	16,681	26,500
Elders, Ltd.	8,609	74,950
Emeco Holdings, Ltd. (B)	22,924	10,326
Emerald Resources NL (A)	28,411	21,625
EML Payments, Ltd. (A)(B)	16,327	13,907
Enero Group, Ltd.	3,952	7,970
EQT Holdings, Ltd.	753	13,636
Estia Health, Ltd.	11,708	15,438
EVENT Hospitality and Entertainment, Ltd. (A)	4,397	39,524
Finbar Group, Ltd.	8,370	3,929
Fleetwood, Ltd.	8,058	7,214
Flight Centre Travel Group, Ltd. (A)(B)	6,278	75,501
Frontier Digital Ventures, Ltd. (A)	10,734	5,222
G8 Education, Ltd.	51,376	37,522
Galan Lithium, Ltd. (A)	13,760	10,347
Genworth Mortgage Insurance Australia, Ltd.	18,245	29,027
Gold Road Resources, Ltd.	44,162	34,348
GrainCorp, Ltd., Class A	13,614	89,644
Grange Resources, Ltd.	21,083	18,453
GUD Holdings, Ltd.	7,010	38,651
GWA Group, Ltd.	12,453	16,917
Hansen Technologies, Ltd.	11,735	42,171
Healius, Ltd.	23,643	59,941
Highfield Resources, Ltd. (A)	13,495	8,379
HT&E, Ltd. (B)	20,357	15,786
HUB24, Ltd.	3,277	45,912
Humm Group, Ltd. (B)	26,650	7,543
Iluka Resources, Ltd.	14,764	96,304
Imdex, Ltd.	20,483	26,078
Imugene, Ltd. (A)	44,834	5,580
Infomedia, Ltd.	17,584	20,246
Inghams Group, Ltd.	20,588	36,703
Insignia Financial, Ltd.	31,127	58,005
Integral Diagnostics, Ltd.	13,604	28,496
Integrated Research, Ltd. (A)	3,367	976
InvoCare, Ltd.	8,212	59,264
Ioneer, Ltd. (A)	61,614	17,566
IPH, Ltd.	9,953	55,997
IRESS, Ltd.	9,820	78,022
IVE Group, Ltd.	11,452	13,579
Johns Lyng Group, Ltd.	11,256	44,565
Jumbo Interactive, Ltd.	2,253	22,162
Jupiter Mines, Ltd.	116,266	15,713
Karoon Energy, Ltd. (A)	40,996	49,256
Kelsian Group, Ltd.	2,432	9,586
Kogan.com, Ltd. (A)(B)	1,950	3,748
Lifestyle Communities, Ltd.	3,310	31,035
Link Administration Holdings, Ltd.	18,547	48,565
Lovisa Holdings, Ltd.	3,846	36,729
MA Financial Group, Ltd.	4,146	12,931
MACA, Ltd.	23,711	10,823
Macmahon Holdings, Ltd.	112,440	10,495
Macquarie Telecom Group, Ltd. (A)	223	9,318
Mayne Pharma Group, Ltd. (A)(B)	99,135	17,135
McMillan Shakespeare, Ltd.	3,346	22,502
McPherson's, Ltd.	9,168	4,145
Megaport, Ltd. (A)(B)	7,352	27,787

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
Mesoblast, Ltd. (A)(B)	11,677	\$ 4,916
Metals X, Ltd. (A)(B)	48,765	11,363
Metcash, Ltd.	41,857	122,693
Mincor Resources NL (A)	14,651	16,957
MMA Offshore, Ltd. (A)	25,635	9,918
Monadelphous Group, Ltd. (B)	3,790	26,066
Monash IVF Group, Ltd.	21,798	14,127
Money3 Corp., Ltd.	8,870	12,049
Mount Gibson Iron, Ltd.	19,096	7,145
Myer Holdings, Ltd.	63,302	14,230
MyState, Ltd.	5,518	15,539
Nanosonics, Ltd. (A)(B)	8,226	19,064
Navigator Global Investments, Ltd.	11,684	10,059
Nearmap, Ltd. (A)(B)	18,333	13,053
Netwealth Group, Ltd.	6,079	51,125
New Energy Solar, Ltd.	2,820	1,564
New Hope Corp., Ltd. (B)	24,235	58,243
Newcrest Mining, Ltd. (Toronto Stock Exchange)	2,787	39,060
nib holdings, Ltd.	21,443	109,310
Nick Scali, Ltd.	5,272	30,063
Nickel Industries, Ltd.	52,112	35,146
Novonix, Ltd. (A)	10,082	15,912
NRW Holdings, Ltd.	25,786	30,258
Nufarm, Ltd.	12,991	45,812
Objective Corp., Ltd.	921	8,741
OceanaGold Corp. (A)	38,000	72,918
OFX Group, Ltd. (A)	14,134	22,330
Omni Bridgeway, Ltd. (A)(B)	15,737	38,736
oOh!media, Ltd.	31,712	26,463
Orora, Ltd.	40,091	101,165
Pacific Current Group, Ltd.	1,717	8,197
Pact Group Holdings, Ltd.	11,275	14,089
Paladin Energy, Ltd. (A)	119,046	47,773
Panoramic Resources, Ltd. (A)	68,650	9,498
Pantoro, Ltd. (A)	48,090	6,319
Peet, Ltd.	13,800	8,972
Pendal Group, Ltd.	12,114	37,063
PeopleIN, Ltd.	4,753	9,475
Perenti Global, Ltd.	35,432	16,067
Perpetual, Ltd.	2,914	58,167
Perseus Mining, Ltd.	68,083	73,873
Pinnacle Investment Management Group, Ltd.	3,794	18,482
Platinum Asset Management, Ltd.	14,631	17,662
Poseidon Nickel, Ltd. (A)	71,048	2,312
Praemium, Ltd. (A)	28,131	9,046
Premier Investments, Ltd.	3,606	48,036
Propel Funeral Partners, Ltd.	2,859	9,341
PSC Insurance Group, Ltd.	5,616	16,045
PWR Holdings, Ltd.	4,736	20,698
Ramelius Resources, Ltd.	37,591	22,500
Red 5, Ltd. (A)	186,035	31,949
Redbubble, Ltd. (A)	13,929	8,660
Regis Healthcare, Ltd.	9,267	11,814
Regis Resources, Ltd.	35,749	31,838
Resolute Mining, Ltd. (A)(B)	43,558	6,769
Ridley Corp., Ltd.	19,540	24,176
RPMGlobal Holdings, Ltd. (A)	6,670	7,602
Sandfire Resources, Ltd.	19,142	59,011
Select Harvests, Ltd.	7,048	22,901
Servcorp, Ltd.	3,171	7,217
Service Stream, Ltd. (A)	27,275	16,488
Seven West Media, Ltd. (A)	85,038	24,061
SG Fleet Group, Ltd.	8,938	13,210

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Australia (continued)</b>		
Sigma Healthcare, Ltd.	86,903	\$ 34,853
Silver Lake Resources, Ltd. (A)	48,508	40,322
SmartGroup Corp., Ltd.	8,029	33,923
SolGold PLC (A)	27,809	9,879
Southern Cross Media Group, Ltd.	17,291	11,915
SpeedCast International, Ltd. (A)(B)(C)	17,245	0
SRG Global, Ltd.	31,157	13,140
St. Barbara, Ltd.	33,249	17,075
Super Retail Group, Ltd.	7,649	44,929
Superloop, Ltd. (A)	22,967	11,435
Symbio Holdings, Ltd.	2,522	6,096
Syrah Resources, Ltd. (A)	49,135	42,165
Tabcorp Holdings, Ltd.	41,814	30,865
Tassal Group, Ltd.	8,526	28,208
Technology One, Ltd.	15,075	111,787
Temple & Webster Group, Ltd. (A)	1,418	3,258
Ten Sixty Four, Ltd.	8,127	3,867
The Reject Shop, Ltd. (A)(B)	2,561	5,747
The Star Entertainment Group, Ltd. (A)	42,180	81,430
Tyro Payments, Ltd. (A)	10,423	4,331
United Malt Grp, Ltd.	15,585	35,244
Virtus Health, Ltd.	8,580	46,803
Viva Energy Group, Ltd. (D)	34,817	69,574
Webjet, Ltd. (A)(B)	16,369	60,601
West African Resources, Ltd. (A)	42,178	35,114
Westgold Resources, Ltd.	18,696	15,267
Whitehaven Coal, Ltd.	44,790	150,505
Zip Company, Ltd. (A)(B)	18,285	5,580
		6,398,401
<b>Austria - 1.5%</b>		
Addiko Bank AG	668	7,494
Agrana Beteiligungs AG	724	12,941
ams AG (A)	11,874	107,424
ANDRITZ AG	3,025	122,109
AT&S Austria Technologie & Systemtechnik AG	1,801	96,782
BAWAG Group AG (A)(D)	3,827	161,556
CA Immobilien Anlagen AG	754	24,003
DO & Company AG (A)	278	23,387
EVN AG	2,014	42,895
Fabasoft AG (B)	599	11,912
FACC AG (A)	1,116	7,960
Flughafen Wien AG (A)	265	9,096
Kapsch TrafficCom AG (A)(B)	191	2,528
Kontron AG (B)	2,318	34,322
Lenzing AG	693	56,169
Mayr Melnhof Karton AG	378	64,613
Oesterreichische Post AG (B)	1,378	39,420
Palfinger AG	876	20,019
POLYTEC Holding AG (B)	995	6,277
Porr AG	876	11,338
Raiffeisen Bank International AG	1,613	17,623
RHI Magnesita NV	1,095	27,207
RHI Magnesita NV (London Stock Exchange)	545	13,215
Rosenbauer International AG (B)	174	6,161
S IMMO AG	2,772	66,318
Schoeller-Bleckmann Oilfield Equipment AG	710	39,936
Semperit AG Holding	822	15,971
Strabag SE, Bearer Shares	893	38,005
Telekom Austria AG (A)	7,836	52,195
UBM Development AG	411	14,827
UNIQA Insurance Group AG	9,382	66,587
Vienna Insurance Group AG	2,128	48,673

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Austria (continued)</b>		
voestalpine AG	4,895	\$ 104,618
Wienerberger AG	5,497	118,696
Zumtobel Group AG	2,545	18,818
		1,511,095
<b>Belgium - 1.6%</b>		
Ackermans & van Haaren NV	1,132	169,356
AGFA-Gevaert NV (A)	6,780	25,064
Atenor	211	11,431
Barco NV	3,257	68,687
Bekaert SA	1,986	64,965
Biocartis Group NV (A)(B)(D)	2,587	5,188
bpost SA	4,236	25,101
Celyad Oncology SA (A)	493	902
Cie d'Entreprises CFE (A)	416	3,612
Deceuninck NV	2,515	5,830
Dredging Environmental & Marine Engineering NV (A)	416	45,775
Econocom Group SA/NV	6,435	22,502
Elia Group SA/NV	1,367	194,143
Etablissements Franz Colruyt NV	1,276	34,675
Euronav NV	8,334	100,538
Euronav NV (New York Stock Exchange)	2,324	27,725
EVS Broadcast Equipment SA	811	18,421
Exmar NV	1,567	8,311
Fagron	3,550	57,544
Galapagos NV (A)	2,110	116,993
Gimv NV	1,241	68,583
Immobel SA	209	13,240
Ion Beam Applications	1,305	21,350
Kinopolis Group NV (A)	585	28,162
Lotus Bakeries NV	21	115,137
Melexis NV	753	54,156
Ontex Group NV (A)	3,927	30,800
Orange Belgium SA (A)	417	7,865
Oxurion NV (A)(B)	1,612	755
Picanol	88	5,584
Proximus SADP	6,084	89,799
Recticel SA	2,296	34,371
Sipef NV	420	28,020
Telenet Group Holding NV	1,717	35,678
Tessenderlo Group SA (A)	904	28,695
Van de Velde NV	377	13,656
VGP NV	370	59,023
Viohalco SA	7,173	24,809
X-Fab Silicon Foundries SE (A)(D)	3,484	22,848
		1,689,294
<b>Bermuda - 0.2%</b>		
Hafnia, Ltd.	8,060	26,798
Hiscox, Ltd.	13,928	160,406
		187,204
<b>Cambodia - 0.0%</b>		
NagaCorp, Ltd. (A)	52,000	42,606
<b>Canada - 11.7%</b>		
5N Plus, Inc. (A)(B)	3,515	3,768
Acadian Timber Corp.	800	10,354
Advantage Energy, Ltd. (A)	11,500	71,473
Aecon Group, Inc.	3,200	32,641
Africa Oil Corp.	34,602	55,376
Ag Growth International, Inc.	1,100	25,372
AGF Management, Ltd., Class B	4,298	21,403
Aimia, Inc. (A)	7,777	27,792
AirBoss of America Corp. (B)	1,500	18,097
Alamos Gold, Inc., Class A	22,181	155,605
Alaris Equity Partners Income (B)	2,229	28,642

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
Algoma Central Corp.	700	\$ 8,723
Altius Minerals Corp.	3,100	43,687
Altus Group, Ltd. (B)	1,818	62,977
Amerigo Resources, Ltd.	13,502	13,007
Andlauer Healthcare Group, Inc.	618	21,000
Andrew Peller, Ltd., Class A	2,300	10,453
Aritzia, Inc. (A)	5,745	155,542
Ascot Resources, Ltd. (A)	13,700	5,322
Atco, Ltd., Class I	3,504	120,048
Athabasca Oil Corp. (A)	42,135	81,507
ATS Automation Tooling Systems, Inc. (A)	3,547	97,410
AutoCanada, Inc. (A)	1,985	37,874
B2Gold Corp.	29,303	99,255
Badger Infrastructure Solutions, Ltd. (B)	2,432	53,356
Baytex Energy Corp. (A)	7,511	36,470
Birch Mountain Resources, Ltd. (A)(C)	9,200	1
Birchcliff Energy, Ltd.	15,733	106,948
Bird Construction, Inc.	4,995	28,987
Black Diamond Group, Ltd.	2,750	7,947
BMTC Group, Inc.	500	5,629
Bombardier, Inc., Class B (A)	3,440	51,634
Boralex, Inc., Class A	4,277	142,478
Brookfield Infrastructure Corp., Class A	3,186	135,217
Calian Group, Ltd.	905	44,336
Calibre Mining Corp. (A)	11,500	8,666
Canaccord Genuity Group, Inc.	5,281	34,586
Canacol Energy, Ltd. (B)	7,565	14,810
Canada Goose Holdings, Inc. (A)	2,213	39,921
Canadian Western Bank	5,015	101,414
Canfor Corp. (A)(B)	3,704	64,601
Canfor Pulp Products, Inc. (A)	2,715	10,546
Capital Power Corp.	6,727	235,226
Capstone Copper Corp. (A)	29,467	74,400
Cardinal Energy, Ltd.	5,530	31,061
Cascades, Inc.	5,723	45,039
Celestica, Inc. (A)	5,019	48,818
Celestica, Inc. (New York Stock Exchange) (A)	3,200	31,104
Centerra Gold, Inc.	12,177	82,586
CES Energy Solutions Corp.	18,429	33,359
China Gold International Resources Corp., Ltd.	18,050	50,341
CI Financial Corp.	8,900	94,518
Cineplex, Inc. (A)	1,227	10,304
Cogeco Communications, Inc.	863	58,376
Cogeco, Inc.	445	23,595
Computer Modelling Group, Ltd.	4,420	16,688
Copper Mountain Mining Corp. (A)	8,800	11,622
Corby Spirit and Wine, Ltd.	700	9,381
Corus Entertainment, Inc., B Shares (B)	11,806	32,377
Crescent Point Energy Corp. (B)	12,719	90,412
Crescent Point Energy Corp. (New York Stock Exchange)	16,800	119,616
Crew Energy, Inc. (A)	11,300	40,558
Cronos Group, Inc. (A)	2,170	6,069
Cronos Group, Inc. (Nasdaq Exchange) (A)(B)	3,612	10,186
Denison Mines Corp. (A)(B)	42,724	42,153
Dexterra Group, Inc.	1,621	6,964
DIRTT Environmental Solutions (A)(B)	3,000	3,263
Doman Building Materials Group, Ltd. (B)	3,600	17,536
Dorel Industries, Inc., Class B	1,800	9,034
DREAM Unlimited Corp., Class A	2,250	55,673
Dundee Precious Metals, Inc.	7,687	38,280
ECN Capital Corp.	16,900	72,342

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
E-L Financial Corp., Ltd.	100	\$ 61,374
Eldorado Gold Corp. (A)	9,374	59,789
Element Fleet Management Corp.	20,269	211,319
Endeavour Silver Corp. (A)	6,945	21,798
Enerflex, Ltd. (B)	6,400	30,180
Enerplus Corp.	14,413	190,464
Enghouse Systems, Ltd.	1,800	39,756
Ensign Energy Services, Inc. (A)	9,800	25,657
EQB, Inc.	1,392	57,477
Equinox Gold Corp. (A)	12,552	55,973
ERO Copper Corp. (A)(B)	2,900	24,490
Evertz Technologies, Ltd.	1,900	19,263
Exchange Income Corp.	568	18,595
Exco Technologies, Ltd. (B)	1,500	9,311
Extendicare, Inc. (B)	6,230	33,202
Fiera Capital Corp. (B)	5,935	42,880
Finning International, Inc.	7,281	153,234
Firm Capital Mortgage Investment Corp.	1,100	9,836
First Majestic Silver Corp. (B)	9,281	66,550
First Majestic Silver Corp. (New York Stock Exchange)	1,582	11,359
First Mining Gold Corp. (A)(B)	39,000	6,363
First National Financial Corp. (B)	700	18,006
Fission Uranium Corp. (A)	19,500	9,241
Fortuna Silver Mines, Inc. (A)(B)	14,300	40,660
Freehold Royalties, Ltd.	7,229	71,549
Frontera Energy Corp. (A)	2,200	17,690
Galiano Gold, Inc. (A)(B)	6,600	2,718
Gamehost, Inc.	100	631
GDI Integrated Facility Services, Inc. (A)(B)	300	10,642
Gibson Energy, Inc.	8,598	159,242
goeasy, Ltd.	672	51,214
GoGold Resources, Inc. (A)	5,300	8,441
Gran Tierra Energy, Inc. (A)	25,166	28,935
Guardian Capital Group, Ltd., Class A	1,100	25,893
Hanfeng Evergreen, Inc. (A)(C)	200	0
Hardwoods Distribution, Inc.	800	17,564
Headwater Exploration, Inc. (A)	7,042	29,597
Heroux-Devtek, Inc. (A)	2,700	29,156
HEXO Corp. (A)(B)	3,660	768
High Liner Foods, Inc.	1,773	16,570
HLS Therapeutics, Inc.	700	6,618
Home Capital Group, Inc.	3,379	63,947
Hudbay Minerals, Inc.	12,257	49,992
i-80 Gold Corp. (A)	1,651	2,976
IAMGOLD Corp. (A)	29,827	47,966
IBI Group, Inc. (A)	1,700	19,018
Imperial Metals Corp. (A)	5,060	11,400
Information Services Corp.	800	13,070
Innergex Renewable Energy, Inc. (B)	9,900	133,056
Interfor Corp. (A)	3,520	70,936
International Petroleum Corp. (A)(B)	5,324	50,833
International Tower Hill Mines, Ltd. (A)	2,300	1,197
Intertape Polymer Group, Inc.	2,700	84,910
Jamieson Wellness, Inc. (D)	3,200	89,024
KAB Distribution, Inc. (A)(C)	7,076	0
Karora Resources, Inc. (A)	4,800	12,380
K-Bro Linen, Inc.	600	15,070
Kelt Exploration, Ltd. (A)	10,445	49,661
Keyera Corp. (B)	3,387	77,360
Kinaxis, Inc. (A)	1,068	115,296
Kingsway Financial Services, Inc. (A)	425	2,423
Knight Therapeutics, Inc. (A)	5,400	22,402
Labrador Iron Ore Royalty Corp. (B)	3,218	70,875

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
Largo, Inc. (A)	780	\$ 5,326
Lassonde Industries, Inc., Class A (B)	200	18,499
Laurentian Bank of Canada	2,414	72,540
Leon's Furniture, Ltd.	1,883	23,011
LifeWorks, Inc.	3,098	74,321
Linamar Corp.	2,366	100,250
Logistec Corp., Class B	700	22,590
Lucara Diamond Corp. (A)	25,184	11,935
Lundin Gold, Inc. (A)	2,800	20,099
MAG Silver Corp. (A)	2,268	27,680
Magellan Aerospace Corp.	900	5,251
Mainstreet Equity Corp. (A)	400	37,443
Major Drilling Group International, Inc. (A)	6,800	47,704
Manitok Energy, Inc. (A)(C)	16	0
Maple Leaf Foods, Inc.	3,940	77,472
Martinrea International, Inc.	4,603	29,716
Maverix Metals, Inc.	2,300	9,970
Medical Facilities Corp.	2,104	14,286
MEG Energy Corp. (A)	15,388	213,032
Melcor Developments, Ltd.	1,000	9,392
Methanex Corp.	3,089	117,997
Morguard Corp.	400	33,872
Mountain Province Diamonds, Inc. (A)	6,800	2,800
MTY Food Group, Inc.	742	29,543
Mullen Group, Ltd. (B)	5,582	48,960
New Gold, Inc. (A)	44,315	47,166
NFI Group, Inc. (B)	2,960	30,791
North American Construction Group, Ltd.	2,100	23,052
NuVista Energy, Ltd. (A)	15,505	124,310
Onex Corp.	906	45,117
Organigram Holdings, Inc. (A)	8,928	8,184
Osisko Gold Royalties, Ltd.	9,419	94,980
Osisko Mining, Inc. (A)	16,850	40,057
Pan American Silver Corp.	4,733	92,991
Paramount Resources, Ltd., Class A	5,173	123,538
Parex Resources, Inc.	7,016	118,823
Park Lawn Corp.	1,792	47,389
Parkland Corp. (B)	7,819	212,362
Pason Systems, Inc.	5,636	63,882
Peyto Exploration & Development Corp. (B)	10,197	95,379
Pizza Pizza Royalty Corp.	1,729	16,320
Polaris Infrastructure, Inc. (B)	1,500	22,689
Pollard Banknote, Ltd.	1,000	15,670
PolyMet Mining Corp. (A)(B)	1,185	3,222
PrairieSky Royalty, Ltd. (B)	9,727	122,494
Precision Drilling Corp. (A)	1,082	69,525
Premium Brands Holdings Corp.	2,400	173,940
Quarterhill, Inc. (B)	9,800	14,161
Questaire Energy Corp., Class A (A)(B)	19,444	3,550
Real Matters, Inc. (A)(B)	3,500	13,813
Recipe Unlimited Corp. (A)	1,300	12,624
RF Capital Group, Inc. (A)	185	2,065
Richelieu Hardware, Ltd.	2,800	73,263
Rogers Sugar, Inc.	6,474	30,429
Russel Metals, Inc. (B)	3,846	77,745
Sabina Gold & Silver Corp. (A)	20,475	16,861
Sandstorm Gold, Ltd.	10,731	63,692
Savaria Corp.	2,300	23,300
Seabridge Gold, Inc. (A)	4,830	59,850
Secure Energy Services, Inc.	15,677	73,075
ShawCor, Ltd. (A)	4,173	18,511
Sienna Senior Living, Inc.	3,606	36,391
Sierra Wireless, Inc. (A)(B)	2,600	60,900

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Canada (continued)</b>		
SilverCrest Metals, Inc. (A)(B)	100	\$ 611
Sleep Country Canada Holdings, Inc. (D)	2,113	39,430
SNC-Lavalin Group, Inc. (B)	8,443	145,221
Spin Master Corp. (A)(D)	1,400	45,691
Sprott, Inc.	1,329	46,172
Stantec, Inc.	1,088	47,663
Stelco Holdings, Inc. (B)	2,075	51,875
Stella-Jones, Inc.	2,400	60,597
Superior Plus Corp.	9,057	79,931
Surge Energy, Inc.	2,103	14,884
Tamarack Valley Energy, Ltd.	20,085	67,564
Taseko Mines, Ltd. (A)(B)	16,100	17,636
Tecsys, Inc.	609	15,845
TerraVest Industries, Inc.	600	10,712
The North West Company, Inc. (B)	4,006	103,605
Tidewater Midstream and Infrastructure, Ltd.	6,650	6,768
Timbercreek Financial Corp.	6,000	37,057
TLC Vision Corp. (A)(C)	3,400	0
Torex Gold Resources, Inc. (A)	5,460	42,163
Total Energy Services, Inc.	3,132	18,176
TransAlta Corp.	13,082	149,297
TransAlta Renewables, Inc.	6,098	77,930
Transcontinental, Inc., Class A (B)	4,783	56,889
TransGlobe Energy Corp. (B)	600	2,046
Treasury Metals, Inc. (A)	1,301	394
Trevali Mining Corp. (A)	3,713	1,341
Trican Well Service, Ltd. (A)	26,009	74,560
Tricon Residential, Inc.	12,819	129,963
Trisura Group, Ltd. (A)	2,500	64,734
Turquoise Hill Resources, Ltd. (A)	5,450	145,988
Uni-Select, Inc. (A)(B)	3,401	75,566
Vecima Networks, Inc.	479	6,047
Vermilion Energy, Inc.	9,000	171,302
Wajax Corp.	1,300	20,310
Wesdome Gold Mines, Ltd. (A)	11,600	100,482
Western Copper & Gold Corp. (A)	5,400	7,425
Western Forest Products, Inc.	25,850	29,119
Westshore Terminals Investment Corp.	3,389	84,119
Whitecap Resources, Inc. (B)	31,480	218,638
WildBrain, Ltd. (A)	10,382	19,841
Winpak, Ltd.	1,577	53,894
Yamana Gold, Inc.	45,750	212,898
Yellow Pages, Ltd.	200	2,121
Zenith Capital Corp. (A)	1,700	136
		11,975,994
<b>Chile - 0.0%</b>		
Aclara Resources, Inc. (A)	2,271	706
<b>China - 0.1%</b>		
Fosun Tourism Group (A)(D)	11,400	19,406
Goodbaby International Holdings, Ltd. (A)	71,000	9,137
Yangzijiang Shipbuilding Holdings, Ltd.	40,900	27,388
		55,931
<b>Denmark - 2.3%</b>		
ALK-Abello A/S (A)	7,347	127,992
Alm Brand A/S	39,967	58,877
Amagerbanken A/S (A)(C)	25,580	0
Asetek A/S (A)	1,629	3,263
Bang & Olufsen A/S (A)(B)	7,788	15,255
Bavarian Nordic A/S (A)(B)	3,556	118,303
Better Collective A/S (A)	2,021	27,029
CBrain A/S	389	9,313
Chemometec A/S	733	78,776
Columbus A/S	6,187	6,871

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Denmark (continued)</b>		
D/S Norden A/S	1,788	\$ 62,290
Dfds A/S	2,172	66,183
FLSmidth & Company A/S	3,054	75,667
H Lundbeck A/S	13,764	66,846
H Lundbeck A/S, A Shares (A)	3,441	16,513
H+H International A/S, Class B (A)	1,146	21,438
INVISIO AB	1,065	15,330
ISS A/S (A)	7,129	113,658
Jeurdan A/S	380	16,884
Jyske Bank A/S (A)	2,627	129,484
Lan & Spar Bank A/S	225	20,287
Matas A/S	2,910	30,381
Netcompany Group A/S (A)(D)	1,273	70,132
Nilfisk Holding A/S (A)	1,220	25,950
NKT A/S (A)	2,498	106,805
NNIT A/S (A)(D)	479	4,962
NTG Nordic Transport Group A/S (A)	635	22,662
Per Aarsleff Holding A/S	883	26,409
Ringkjoebing Landbobank A/S	1,302	142,466
Royal Unibrew A/S	2,434	216,621
Scandinavian Tobacco Group A/S (D)	3,178	62,298
Schouw & Company A/S	666	46,570
SimCorp A/S	1,934	140,386
Solar A/S, B Shares	410	35,195
SP Group A/S	368	16,280
Spar Nord Bank A/S	4,967	52,744
Sparekassen Sjælland-Fyn A/S	507	10,554
Sydbank A/S	3,132	96,408
TCM Group A/S	507	5,215
The Drilling Company of 1972 A/S (A)	908	37,275
Tivoli A/S (A)	102	11,564
Topdanmark A/S	2,239	116,582
UIE PLC	128	37,998
Zealand Pharma A/S (A)	1,273	16,757
		2,382,473
<b>Finland - 2.1%</b>		
Aktia Bank OYJ	4,499	43,048
Alma Media OYJ	1,962	20,205
Anora Group OYJ	138	1,119
BasWare OYJ (A)	538	22,499
Bittium OYJ	2,708	14,517
Cargotec OYJ, B Shares	2,007	53,130
Caverion OYJ	3,325	15,426
Citycon OYJ (A)	4,136	28,169
Enento Group OYJ (A)(D)	860	18,732
EQ OYJ	483	10,169
Finnair OYJ (A)(B)	44,891	19,336
Fiskars OYJ ABP	2,196	41,291
Harvia OYJ (B)	846	24,071
HKScan OYJ, A Shares	316	389
Huhtamaki OYJ	4,496	178,858
Kamux Corp.	1,688	13,789
Kemira OYJ	4,940	60,566
Kojamo OYJ	5,330	92,559
Konecranes OYJ	2,937	68,777
Lassila & Tikanoja OYJ	1,929	21,694
Lehto Group OYJ (A)	1,738	686
Marimekko OYJ	1,923	24,949
Metsa Board OYJ, B Shares	9,171	76,806
Multitude SE (A)	459	1,511
Musti Group OYJ (A)	1,222	21,927
Nokian Renkaat OYJ	6,368	70,236
Olvi OYJ, A Shares	721	24,367
Oma Saastopankki OYJ	490	10,588
Oriola OYJ, B Shares	9,290	18,485

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Finland (continued)</b>		
Orion OYJ, Class A	982	\$ 43,693
Orion OYJ, Class B	4,918	220,104
Outokumpu OYJ	20,664	86,245
Pihlajalinna OYJ	1,193	14,403
Ponsse OYJ	543	14,375
QT Group OYJ (A)	770	57,149
Raisio OYJ, V Shares	8,267	16,809
Rapala VMC OYJ	908	6,323
Revenio Group OYJ	1,101	49,161
Rovio Entertainment OYJ (D)	1,642	11,325
Sanoma OYJ	4,094	57,044
Taaleri OYJ (B)	956	9,764
Talenom OYJ	637	6,458
Terveystalo OYJ (D)	4,887	52,289
TietoEVRY OYJ	4,031	99,911
Tokmanni Group Corp.	2,438	28,801
Uponor OYJ	2,530	35,111
Vaisala OYJ, A Shares	952	40,861
Valmet OYJ	8,819	217,330
Verkkokauppa.com OYJ	1,047	4,443
Wartsila OYJ ABP	8,565	67,139
WithSecure OYJ (A)	7,159	37,617
YIT OYJ	8,449	28,231
		2,202,485
<b>France - 4.5%</b>		
ABC arbitrage	2,570	18,912
AKWEL	725	12,248
Albioma SA	1,751	91,494
ALD SA (B)(D)	5,575	65,283
Altamir	752	19,359
Alten SA	739	80,964
Assystem SA	763	26,611
Aubay	399	20,275
Axway Software SA	531	9,934
Bastide le Confort Medical (B)	256	9,477
Beneteau SA	2,839	28,825
Bigben Interactive	460	7,755
Boiron SA	274	11,818
Bonduelle SCA	1,027	16,749
Burelle SA	15	7,562
Casino Guichard Perrachon SA (A)(B)	2,173	28,166
Catana Group	1,588	10,431
Cegedim SA	495	11,335
CGG SA (A)	42,425	37,038
Chargeurs SA	1,491	23,189
Cie des Alpes (A)	998	15,043
Cie Plastic Omnium SA (B)	3,159	54,948
Claranova SE (A)	1,250	4,595
Coface SA	7,406	77,793
DBV Technologies SA (A)(B)	1,786	7,953
Derichebourg SA	6,625	38,491
Ekinops SAS (A)	1,302	8,424
Electricite de Strasbourg SA	31	3,251
Elior Group SA (A)(D)	8,308	18,583
Elis SA	9,898	132,440
Equasens	161	12,863
Eramet SA	565	59,164
ESI Group (A)	8	544
Etablissements Maurel et Prom SA (A)	6,372	29,689
Eurazeo SE	1,375	85,421
Eutelsat Communications SA	9,105	102,753
Exel Industries, A Shares	89	4,017
Faurecia SE (A)(B)	5,689	114,010
Fnac Darty SA	1,052	44,751
Gaztransport Et Technigaz SA	1,271	159,644

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>France (continued)</b>		
Groupe Crit	163	\$ 10,064
Guerbet	326	7,588
Haulotte Group SA	962	3,939
ID Logistics Group (A)	176	48,887
Imerys SA	1,845	56,476
Infotel SA	348	17,886
Ipsen SA	114	10,794
IPSOS	2,460	117,344
Jacquet Metals SACA	1,024	17,765
JCDecaux SA (A)	2,960	49,853
Kaufman & Broad SA	901	24,648
Korian SA (B)	3,776	56,911
Laurent-Perrier	110	11,237
Lectra	1,320	48,490
LISI	1,205	23,079
LNA Sante SA (B)	166	5,868
Lumibird (A)	632	11,521
Maisons du Monde SA (D)	1,925	19,247
Manitou BF SA	880	16,431
Manutan International	105	7,598
Mersen SA	1,171	35,132
Metropole Television SA	1,324	19,633
Nacon SA (A)	92	573
Neurones	659	24,610
Nexans SA	1,743	135,796
Nexity SA	1,974	53,006
NRJ Group	782	5,089
Orpea SA (B)	1,358	33,314
Plastivaloire	383	1,514
Quadient SA	2,171	36,978
Recylex SA (A)(C)	1,058	2,049
Rexel SA (A)	14,693	227,037
Robertet SA	7	6,218
Rothschild & Company	1,855	62,906
Rubis SCA (B)	5,054	118,870
Samse SA	48	8,662
Savencia SA	372	23,388
SCOR SE	7,559	162,815
SEB SA	201	19,398
SMCP SA (A)(D)	1,921	10,103
Societe BIC SA (B)	1,252	68,697
Societe LDC SA	212	19,826
Societe pour l'Informatique Industrielle	438	18,257
SOITEC (A)	755	108,449
Solocal Group (A)(B)	6,121	6,176
Somfy SA	326	42,436
Sopra Steria Group SACA	839	126,173
SPIE SA	6,716	146,566
Stef SA	202	17,527
Synergie SE	557	15,526
Technicolor SA (A)	9,713	28,771
Technip Energies NV	5,287	66,246
Television Francaise 1 (B)	3,803	26,979
Thermador Groupe	453	40,878
Tikehau Capital SCA (B)	2,057	41,849
Trigano SA	463	45,559
Ubisoft Entertainment SA (A)	4,441	195,864
Valeo (B)	9,376	182,701
Vallourec SA (A)	7,163	85,861
Verallia SA (D)	2,919	69,995
Vetoquinol SA	297	36,255
Vicat SA	1,201	33,240
VIEL & Cie SA	3,220	17,887
Vilmorin & Cie SA	614	25,932
Virbac SA	232	90,715



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>France (continued)</b>		
Wavestone	331	\$ 15,206
Xilam Animation SA (A)	215	8,572
		4,646,662
<b>Gabon - 0.0%</b>		
Totalenergies EP Gabon	20	3,127
<b>Georgia - 0.1%</b>		
Bank of Georgia Group PLC	2,491	39,638
Georgia Capital PLC (A)	1,145	8,454
TBC Bank Group PLC	239	3,678
		51,770
<b>Germany - 5.7%</b>		
1&1 AG	2,192	41,529
7C Solarparken AG	3,210	15,674
Aareal Bank AG	2,902	87,035
Adesso SE	207	31,848
ADVA Optical Networking SE, Tender Offer (A)(B)	3,719	50,370
All for One Group SE	130	7,515
Allgeier SE	498	17,570
Amadeus Fire AG	264	33,059
Atoss Software AG	218	27,732
Aurubis AG	1,823	124,394
Auto1 Group SE (A)(D)	1,238	9,117
Basler AG	162	13,032
BayWa AG	1,025	45,517
Bechtle AG	1,695	69,622
Bertrandt AG	394	14,814
Bijou Brigitte AG (A)	340	8,977
Bilfinger SE	1,781	52,342
Borussia Dortmund GmbH & Company KGaA (A)(B)	4,276	16,108
CANCOM SE	2,024	68,382
CECONOMY AG	8,144	22,832
CEBIT AG	446	7,438
Cewe Stiftung & Company KGAA	268	22,647
Commerzbank AG (A)	11,272	79,977
CompuGroup Medical SE & Company KGaA	1,368	58,427
CropEnergies AG	1,544	20,598
CTS Eventim AG & Company KGaA (A)	713	37,610
Dermapharm Holding SE	849	42,309
Deutsche Beteiligungs AG	1,067	28,359
Deutsche EuroShop AG	2,527	58,974
Deutsche Lufthansa AG (A)(B)	3,472	20,451
Deutsche Pfandbriefbank AG (D)	7,700	69,554
Deutz AG	7,260	28,208
DIC Asset AG	3,005	33,249
Dr. Hoene AG	420	10,524
Draegerwerk AG & Company KGaA	82	3,636
Duerr AG	2,558	59,314
Eckert & Ziegler Strahlen- und Medizintechnik AG	808	31,054
Elmos Semiconductor SE	215	8,256
ElringKlinger AG	2,576	19,525
Encavis AG	4,719	86,717
Energiekontor AG	454	36,675
Fielmann AG	1,241	61,994
First Sensor AG	433	24,237
flatexDEGIRO AG (A)	2,072	19,807
Fraport AG Frankfurt Airport Services Worldwide (A)	1,626	71,109
Freenet AG	7,380	184,045
Fuchs Petrolub SE	1,405	34,447
GEA Group AG	3,703	128,376

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Germany (continued)</b>		
Gerresheimer AG (B)	1,697	\$ 110,861
GFT Technologies SE	961	38,257
GRENKE AG (B)	500	12,319
H&R GmbH & Company KGaA (A)	1,324	7,962
Hamburger Hafen und Logistik AG	1,330	18,890
Heidelberger Druckmaschinen AG (A)(B)	18,003	27,132
Hensoldt AG	1,681	42,346
HOCHTIEF AG	1,234	60,496
Hornbach Holding AG & Company KGaA	497	40,899
HUGO BOSS AG	3,165	167,599
Hypoport SE (A)	149	29,718
Indus Holding AG	975	22,783
Instone Real Estate Group SE (D)	2,299	27,263
Jenoptik AG	2,990	67,256
JOST Werke AG (D)	517	19,352
K+S AG	10,593	257,812
Kloeckner & Company SE	5,538	42,576
Koenig & Bauer AG (A)	912	13,162
Krones AG	775	59,429
KWS Saat SE & Company KGaA	607	36,062
LANXESS AG	4,346	156,864
Leifheit AG	437	9,088
Leoni AG (A)(B)	2,398	17,357
Manz AG (A)(B)	233	9,700
Medigene AG (A)	760	1,866
METRO AG (A)	4,917	41,710
MLP SE	5,864	35,119
Nagarro SE (A)	394	44,950
New Work SE	128	18,242
Nexus AG	866	45,359
Nordex SE (A)	6,207	53,247
Norma Group SE	1,576	35,322
OHB SE	399	14,525
PATRIZIA AG	2,719	32,260
Pfeiffer Vacuum Technology AG	256	40,334
PNE AG (B)	3,180	44,393
ProSiebenSat.1 Media SE	10,428	96,992
PSI Software AG	815	24,420
PVA TePla AG (A)	629	12,114
q.beyond AG (A)	6,549	7,675
Rheinmetall AG	2,219	512,037
SAF-Holland SE	3,149	20,928
Salzgitter AG	1,978	48,368
Scout24 SE (D)	2,754	141,874
Secunet Security Networks AG	53	15,841
SGL Carbon SE (A)	3,072	19,403
Siltronic AG	981	73,426
Sirius Real Estate, Ltd.	53,591	58,327
Sixt SE	694	71,537
SMA Solar Technology AG (A)	563	22,950
Software AG	2,610	86,547
STRATEC SE	407	37,386
Stroer SE & Company KGaA	1,454	65,680
Suedzucker AG	3,535	57,238
SUESS MicroTec SE	1,803	25,566
TAG Immobilien AG	7,456	85,367
Takkt AG	1,848	29,123
TeamViewer AG (A)(D)	5,472	54,721
Technotrans SE	530	14,747
thyssenkrupp AG (A)	16,532	94,271
Traffic Systems SE	364	8,453
United Internet AG	3,257	93,359
va-Q-Tec AG (A)(B)	318	4,074
Varta AG	741	62,076
VERBIO Vereinigte BioEnergie AG	1,482	74,660

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Germany (continued)</b>		
Vitesco Technologies Group AG (A)	583	\$ 22,643
Vossloh AG	859	27,462
Wacker Neuson SE	2,039	35,382
Washtec AG	611	28,536
Westwing Group SE (A)(B)	385	2,873
Wuestenrot & Wuerttembergische AG	1,566	27,793
Zeal Network SE	809	31,844
		5,843,189
<b>Gibraltar - 0.0%</b>		
888 Holdings PLC	15,858	32,377
<b>Greece - 0.0%</b>		
Alapis Holding Industrial & Commercial SA of Pharmaceutical Chemical Products (A)(C)	3,303	64
TT Hellenic Postbank SA (A)(C)	12,594	0
		64
<b>Guernsey, Channel Islands - 0.0%</b>		
Raven Property Group, Ltd. (A)(C)	4,994	139
<b>Hong Kong - 2.6%</b>		
3D-Gold Jewellery Holdings, Ltd. (A)(C)	90,000	0
Aidigong Maternal & Child Health, Ltd. (A)	108,000	6,670
Allied Group, Ltd.	120,000	37,513
APAC Resources, Ltd.	18,475	2,902
Apollo Future Mobility Group, Ltd. (A)	56,000	2,435
Asia Financial Holdings, Ltd.	14,000	6,138
ASM Pacific Technology, Ltd.	11,500	97,879
Associated International Hotels, Ltd.	28,000	41,039
BOE Varitronix, Ltd.	28,000	56,454
Brightoil Petroleum Holdings, Ltd. (A)(C)	117,000	12,860
Burwill Holdings, Ltd. (A)(C)	292,000	1,191
Cafe de Coral Holdings, Ltd.	18,000	28,959
Cathay Pacific Airways, Ltd. (A)	52,000	57,097
Central Holding Group Company, Ltd. (A)	5,000	10,384
Chen Hsong Holdings	10,000	2,959
Cheuk Nang Holdings, Ltd.	3,708	1,062
China Energy Development Holdings, Ltd. (A)	634,000	11,725
China Solar Energy Holdings, Ltd. (A)(C)	42,500	0
China Strategic Holdings, Ltd. (A)	885,000	4,196
Chinese Estates Holdings, Ltd. (A)	22,000	6,268
Chow Sang Sang Holdings International, Ltd.	22,000	24,565
Chuang's Consortium International, Ltd.	30,948	4,013
CITIC Telecom International Holdings, Ltd.	59,000	19,539
CMBC Capital Holdings, Ltd.	10,750	2,878
C-Mer Eye Care Holdings, Ltd. (A)	18,000	11,308
Crystal International Group, Ltd. (D)	19,000	6,570
CSI Properties, Ltd.	245,066	5,935
Dah Sing Banking Group, Ltd.	18,000	14,615
Dah Sing Financial Holdings, Ltd.	6,520	18,635
Dynamic Holdings, Ltd.	8,000	10,119
EC Healthcare	13,000	13,118
EganaGoldpfeil Holdings, Ltd. (A)(C)	103,373	0
Emperor Capital Group, Ltd. (A)	192,000	1,369
Emperor Entertainment Hotel, Ltd.	40,000	2,703
Emperor International Holdings, Ltd.	97,333	10,167
Esprit Holdings, Ltd. (A)	176,850	31,910
Fairwood Holdings, Ltd.	3,500	6,327
Far East Consortium International, Ltd.	87,695	27,982
First Pacific Company, Ltd.	146,000	56,751
Giordano International, Ltd.	82,000	19,420
Gold-Finance Holdings, Ltd. (A)(C)	62,000	0

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
GR Properties, Ltd. (A)	82,000	\$ 11,603
Great Eagle Holdings, Ltd.	10,516	23,596
G-Resources Group, Ltd.	33,580	10,289
Guotai Junan International Holdings, Ltd.	207,000	24,592
Haitong International Securities Group, Ltd.	125,477	17,920
Hang Lung Group, Ltd.	31,000	58,515
Hanison Construction Holdings, Ltd.	27,441	4,069
Harbour Centre Development, Ltd. (A)	38,000	33,805
HKBN, Ltd.	36,000	40,874
HKR International, Ltd.	51,920	19,177
Hong Kong Ferry Holdings Company, Ltd.	29,000	25,356
Hong Kong Technology Venture Company, Ltd.	28,000	22,075
Hongkong Chinese, Ltd.	66,000	5,287
Hsin Chong Group Holdings, Ltd. (A)(C)	170,000	7,583
Hutchison Port Holdings Trust	161,400	37,966
Hutchison Telecommunications Hong Kong Holdings, Ltd.	80,000	15,303
Hysan Development Company, Ltd.	25,000	75,423
Johnson Electric Holdings, Ltd.	20,883	27,105
K Wah International Holdings, Ltd.	80,000	29,458
Kerry Logistics Network, Ltd.	24,000	51,622
Kerry Properties, Ltd.	28,500	79,253
Kingston Financial Group, Ltd. (A)	38,000	1,132
Kowloon Development Company, Ltd.	22,000	27,215
Lai Sun Development Company, Ltd. (A)	22,980	13,153
Landing International Development, Ltd. (A)	75,600	2,133
Langham Hospitality Investments, Ltd.	22,500	2,757
Lifestyle International Holdings, Ltd. (A)	25,000	10,125
Lippo China Resources, Ltd.	36,000	518
Liu Chong Hing Investment, Ltd.	16,000	15,048
Luk Fook Holdings International, Ltd.	15,000	38,713
Man Wah Holdings, Ltd.	83,200	89,839
Mandarin Oriental International, Ltd. (A)	8,000	15,117
Mason Group Holdings, Ltd. (A)	1,548,800	4,515
Melco International Development, Ltd. (A)	33,000	24,446
MH Development, Ltd. (A)(C)	16,000	1,064
Midland Holdings, Ltd. (A)	34,734	3,331
Miramar Hotel & Investment	15,000	27,023
Modern Dental Group, Ltd.	20,000	8,084
NewOcean Energy Holdings, Ltd. (A)(C)	66,000	295
Nissin Foods Company, Ltd.	22,000	14,723
NWS Holdings, Ltd.	64,000	60,810
Oriental Watch Holdings	18,000	10,559
Oshidori International Holdings, Ltd. (A)	204,000	12,353
Pacific Andes International Holdings, Ltd. (A)(C)	328,006	0
Pacific Basin Shipping, Ltd.	239,000	91,885
Pacific Century Premium Developments, Ltd. (A)	2,376	151
Pacific Textiles Holdings, Ltd.	42,000	16,790
Paliburg Holdings, Ltd. (A)	46,000	11,466
PC Partner Group, Ltd.	12,000	10,964
PCCW, Ltd.	156,590	82,784
Peace Mark Holdings, Ltd. (A)(C)	164,000	0
Perfect Medical Health Management, Ltd.	32,000	17,233
Pico Far East Holdings, Ltd.	60,000	8,579
Public Financial Holdings, Ltd.	24,000	7,540
Regal Hotels International Holdings, Ltd. (A)	36,000	14,812
Regina Miracle International Holdings, Ltd. (D)	17,000	11,334
Sa Sa International Holdings, Ltd. (A)	48,000	8,820

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hong Kong (continued)</b>		
Shangri-La Asia, Ltd. (A)	46,000	\$ 37,317
Shenwan Hongyuan HK, Ltd. (A)	20,000	1,730
Shun Tak Holdings, Ltd. (A)	80,250	16,103
Singamas Container Holdings, Ltd.	114,000	17,359
SJM Holdings, Ltd. (A)(B)	95,000	43,190
SmarTone Telecommunications Holdings, Ltd.	31,500	16,619
Solomon Systech International, Ltd.	72,000	5,338
South China Holdings Company, Ltd. (A)	640,000	5,401
Stella International Holdings, Ltd.	20,000	19,085
Sun Hung Kai & Company, Ltd.	45,000	21,053
SUNeVision Holdings, Ltd.	31,000	23,673
Tao Heung Holdings, Ltd.	14,000	1,553
Television Broadcasts, Ltd. (A)	19,100	10,518
Texhong Textile Group, Ltd.	11,000	11,632
Texwinca Holdings, Ltd.	60,000	11,354
The Bank of East Asia, Ltd.	24,511	34,493
The Hongkong & Shanghai Hotels, Ltd. (A)	31,903	29,426
The United Laboratories International Holdings, Ltd.	42,000	24,987
Town Health International Medical Group, Ltd. (A)	261,361	15,424
Tradelink Electronic Commerce, Ltd.	50,000	6,692
Transport International Holdings, Ltd.	11,721	17,655
Upbest Group, Ltd.	164,000	12,008
Value Partners Group, Ltd.	40,000	15,099
Vitasoy International Holdings, Ltd.	34,000	59,599
VSTECs Holdings, Ltd.	47,200	37,850
VTech Holdings, Ltd.	6,900	54,338
Wai Kee Holdings, Ltd.	24,000	9,916
Wealthking Investments, Ltd. (A)	32,000	1,811
Wing On Company International, Ltd.	4,000	8,555
Wing Tai Properties, Ltd.	70,000	35,892
Yue Yuen Industrial Holdings, Ltd.	30,000	39,068
Yunfeng Financial Group, Ltd. (A)	26,000	4,810
Zensun Enterprises, Ltd. (A)(B)	21,000	8,287
Zhaobangji Properties Holdings, Ltd. (A)	88,000	4,995
		2,624,667
<b>Ireland - 0.8%</b>		
AIB Group PLC	19,415	44,311
Bank of Ireland Group PLC	13,093	82,756
Bank of Ireland Group PLC (London Stock Exchange)	33,477	211,151
C&C Group PLC (A)	22,471	50,598
Cairn Homes PLC	24,718	25,805
COSMO Pharmaceuticals NV (B)	753	36,904
Dalata Hotel Group PLC (A)	6,155	22,451
FBD Holdings PLC	1,936	19,560
Glanbia PLC	8,083	87,765
Glenveagh Properties PLC (A)(D)	24,326	23,788
Grafton Group PLC, CHESSE Depository Interest	11,437	108,644
Greencore Group PLC (A)	23,830	28,822
Hostelworld Group PLC (A)(D)	3,065	3,493
Irish Continental Group PLC	5,309	19,765
Keywords Studios PLC	1,019	27,223
Permanent TSB Group Holdings PLC (A)	5,786	8,015
		801,051
<b>Isle of Man - 0.1%</b>		
Hansard Global PLC	6,816	3,567
Playtech PLC (A)	15,546	102,843
Strix Group PLC	6,042	12,309
		118,719

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Israel - 1.9%</b>		
Adgar Investment and Development, Ltd. (B)	4,535	\$ 8,564
AFI Properties, Ltd.	603	29,108
Africa Israel Residences, Ltd.	355	18,406
Airport City, Ltd. (A)	1	10
Allot, Ltd. (A)	2,103	10,607
Alrov Properties and Lodgings, Ltd.	399	24,909
Arad, Ltd.	787	9,538
Ashtrom Group, Ltd.	2,084	46,143
AudioCodes, Ltd.	1,729	38,107
Aura Investments, Ltd.	10,003	18,428
Automatic Bank Services, Ltd.	1,109	6,687
Azorim-Investment Development & Construction Company, Ltd.	3,848	14,539
Bet Shemesh Engines Holdings 1997, Ltd. (A)	358	10,340
BioLine RX, Ltd. (A)	48,850	4,205
Blue Square Real Estate, Ltd.	215	14,864
Carasso Motors, Ltd.	2,020	9,873
Cellcom Israel, Ltd. (A)	4,807	23,786
Clal Biotechnology Industries, Ltd. (A)	1	0
Clal Insurance Enterprises Holdings, Ltd. (A)	1,967	35,195
Danel Adir Yeoshua, Ltd.	253	32,051
Delek Automotive Systems, Ltd.	1,858	20,287
Delek Group, Ltd. (A)	438	56,905
Delta Galil Industries, Ltd.	618	30,481
Dor Alon Energy in Israel 1988, Ltd.	420	15,173
Duniec Brothers, Ltd.	142	7,676
Electra Consumer Products 1970, Ltd.	445	18,784
Electra Real Estate, Ltd.	1,543	21,825
Electra, Ltd.	45	25,102
Energix-Renewable Energies, Ltd.	8,191	24,967
Enlight Renewable Energy, Ltd. (A)	39,786	76,159
Equital, Ltd. (A)	992	31,484
Fattal Holdings 1998, Ltd. (A)	237	24,808
Formula Systems 1985, Ltd.	549	49,797
Fox Wizel, Ltd.	488	55,718
Gav-Yam Lands Corp., Ltd.	3,034	25,267
Gilat Satellite Networks, Ltd. (A)	1,452	8,750
Hamat Group, Ltd.	1,230	11,432
Harel Insurance Investments & Financial Services, Ltd.	3,958	38,767
Hilan, Ltd.	803	42,474
IDI Insurance Company, Ltd.	440	11,490
Ilex Medical, Ltd.	211	7,602
Infinya, Ltd.	244	19,441
Inrom Construction Industries, Ltd.	4,264	18,843
Isracard, Ltd.	6,691	23,949
Israel Canada T.R, Ltd.	6,076	23,572
Israel Discount Bank, Ltd., Class A	1	4
Israel Land Development - Urban Renewal, Ltd.	789	12,154
Isras Investment Company, Ltd.	142	27,234
Issta Lines, Ltd.	219	5,943
Kamada, Ltd. (A)	1,616	7,369
Kerur Holdings, Ltd.	418	10,092
Levinstein Properties, Ltd.	267	7,156
M Yochananof & Sons, Ltd.	155	9,316
Magic Software Enterprises, Ltd.	1,349	23,713
Malam - Team, Ltd.	476	10,233
Matrix IT, Ltd.	1,608	37,471
Maytronics, Ltd.	960	13,600
Mediterranean Towers, Ltd.	4,044	10,985
Mega Or Holdings, Ltd.	757	22,929

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Israel (continued)</b>		
Mehadrin, Ltd. (A)	15	\$ 655
Menora Mivtachim Holdings, Ltd. (A)	1,766	32,557
Migdal Insurance & Financial Holdings, Ltd.	27,734	41,408
Mivtach Shamir Holdings, Ltd.	397	9,711
Naphtha Israel Petroleum Corp., Ltd. (A)	2,030	13,444
Nawi Brothers, Ltd.	1,396	10,783
Neto Malinda Trading, Ltd. (A)	451	18,159
Neto ME Holdings, Ltd.	273	14,829
Novolog, Ltd.	20,186	18,096
Oil Refineries, Ltd.	102,102	36,688
One Software Technologies, Ltd.	1,700	26,946
OPC Energy, Ltd. (A)	1	9
Partner Communications Company, Ltd. (A)	6,688	47,764
Paz Oil Company, Ltd. (A)	525	63,148
Perion Network, Ltd. (A)	1,368	25,124
Plasson Industries, Ltd.	241	12,565
Plus500, Ltd.	4,668	95,133
Prashkovsky Investments & Construction, Ltd.	318	9,954
Priortech, Ltd. (A)	398	9,053
Rami Levy Chain Stores Hashikma Marketing 2006, Ltd.	449	32,185
Sano-Brunos Enterprises, Ltd.	145	12,395
Scope Metals Group, Ltd.	377	16,497
Shikun & Binui, Ltd. (A)	1	4
Summit Real Estate Holdings, Ltd.	2,363	37,866
Tadiran Group, Ltd.	86	11,517
Tel Aviv Stock Exchange, Ltd.	3,160	14,432
Telsys, Ltd.	149	6,931
Tera Light, Ltd. (A)	1,766	2,806
Tiv Taam Holdings 1, Ltd.	3,848	7,941
Tremor International, Ltd. (A)	2,825	12,073
YH Dimri Construction & Development, Ltd.	285	21,914
		1,906,899
<b>Italy - 3.4%</b>		
A2A SpA	85,615	108,948
ACEA SpA	2,494	36,972
Anima Holding SpA (D)	14,880	54,719
Aquafil SpA	969	6,369
Arnoldo Mondadori Editore SpA	12,613	22,637
Ascopiave SpA	4,243	12,852
Avio SpA	877	10,109
Azimut Holding SpA	6,169	107,378
Banca Carige SpA (A)(B)	12,683	10,558
Banca Generali SpA (A)(B)	3,053	86,440
Banca IFIS SpA	1,607	22,868
Banca Mediolanum SpA	10,812	71,335
Banca Popolare di Sondrio SpA	25,315	87,444
Banca Profilo SpA	24,032	4,905
Banco BPM SpA	92,714	264,670
Banco di Desio e della Brianza SpA	2,610	8,211
BasicNet SpA	1,571	9,526
BFF Bank SpA (D)	8,562	57,619
BPER Banca	48,081	79,254
Brembo SpA	7,094	69,170
Brunello Cucinelli SpA	2,232	100,812
Buzzi Unicem SpA	4,670	76,656
Cairo Communication SpA	4,712	8,520
Carel Industries SpA (D)	1,608	31,986
Cementir Holding NV	4,165	27,061
CIR SpA-Compagnie Industriali (A)	60,979	25,760
Credito Emiliano SpA	6,238	34,416

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Italy (continued)</b>		
Danieli & C Officine Meccaniche SpA	788	\$ 16,194
Danieli & C Officine Meccaniche SpA, Savings Shares	2,118	29,850
De' Longhi SpA	2,969	55,364
DeA Capital SpA (A)	4,665	5,402
doValue SpA (D)	1,965	11,633
Enav SpA (A)(D)	5,063	21,237
ERG SpA	2,919	91,001
Esprinet SpA	2,412	17,313
Eurotech SpA (A)(B)	1,562	4,637
Fila SpA	2,245	19,583
Fincantieri SpA (A)(B)	18,635	10,339
Garofalo Health Care SpA (A)	1,776	7,480
Geox SpA (A)(B)	8,390	6,500
Gruppo MutuiOnline SpA	1,697	43,001
Hera SpA	41,143	119,222
Illimity Bank SpA (A)	5,067	55,335
IMMSI SpA	6,756	2,670
Iren SpA	30,720	67,212
Italgas SpA	28,233	164,750
Italmobiliare SpA	1,039	28,735
Juventus Football Club SpA (A)	58,044	22,046
Leonardo SpA	22,812	231,447
Maire Tecnimont SpA (B)	10,323	29,745
MFE-MediaForEurope NV, Class A (A)(B)	18,917	8,682
MFE-MediaForEurope NV, Class B (B)	18,917	13,341
OVS SpA (D)	11,708	19,160
Pharmanutra SpA	268	16,938
Piaggio & C SpA	11,658	27,358
Piovan SpA (D)	884	7,849
Pirelli & C. SpA (D)	21,885	89,073
Prima Industrie SpA	178	2,597
RAI Way SpA (D)	5,678	30,369
Reply SpA	1,178	143,306
Sabaf SpA	338	8,320
SAES Getters SpA	409	9,121
SAES Getters SpA, Savings Shares	538	8,095
Safilo Group SpA (A)	15,794	20,508
Saipem SpA (A)(B)	640	1,719
Salvatore Ferragamo SpA	2,452	37,879
Saras SpA (A)	52,469	76,553
Sesa SpA	391	49,820
Sogefi SpA (A)	3,551	3,074
SOL SpA	2,802	48,397
Tamburi Investment Partners SpA	7,892	60,726
Technogym SpA (D)	6,815	44,562
Tinexta SpA	1,069	25,044
Tod's SpA (A)	590	18,415
Unieuro SpA (B)(D)	1,088	16,962
Unipol Gruppo SpA	22,660	103,216
UnipolSai Assicurazioni SpA	9,024	21,641
Webuild SpA (B)	14,544	22,626
Wiiit SpA	745	13,634
Zignago Vetro SpA	1,669	20,387
		3,467,263
<b>Japan - 22.9%</b>		
A&D HOLON Holdings Company, Ltd.	900	6,000
Access Company, Ltd. (A)	2,300	12,637
Achilles Corp.	1,000	9,903
Adastria Company, Ltd.	920	15,227
ADEKA Corp.	4,700	81,227
Ad-sol Nissin Corp. (B)	800	8,998
Advan Group Company, Ltd.	1,000	5,816
Aeon Delight Company, Ltd.	800	17,520
Aeon Fantasy Company, Ltd.	400	7,929

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
AEON Financial Service Company, Ltd.	5,300	\$ 50,040
Aeon Hokkaido Corp.	1,800	14,446
Aeria, Inc. (B)	700	1,947
Ai Holdings Corp.	1,900	21,763
Aica Kogyo Company, Ltd.	1,800	37,680
Aichi Corp.	3,200	20,211
Aichi Steel Corp.	700	10,747
Aichi Tokei Denki Company, Ltd.	900	8,989
Aida Engineering, Ltd.	4,500	30,152
Aiful Corp.	15,500	40,006
Ain Holdings, Inc.	1,100	58,900
Aiphone Company, Ltd.	600	7,648
Airport Facilities Company, Ltd.	1,200	4,726
Airtrip Corp. (A)	900	16,967
Aisan Industry Company, Ltd.	2,500	13,135
Aizawa Securities Group Company, Ltd.	2,400	12,745
Akatsuki, Inc.	400	8,023
Akebono Brake Industry Company, Ltd. (A)	9,400	10,724
Albis Company, Ltd.	500	8,126
Alconix Corp.	1,600	15,135
Alpen Company, Ltd. (B)	1,100	16,414
Alps Alpine Company, Ltd.	8,800	89,421
Altech Corp.	1,100	14,455
Amano Corp.	2,200	38,069
Amuse, Inc.	400	5,683
Amvis Holdings, Inc.	600	16,783
Anest Iwata Corp.	1,800	12,030
Anicom Holdings, Inc.	3,700	17,669
Anritsu Corp.	5,700	61,712
AOKI Holdings, Inc.	3,100	15,926
Aoyama Trading Company, Ltd.	2,500	16,625
Aoyama Zaisan Networks Company, Ltd. (B)	1,100	8,207
Aozora Bank, Ltd.	1,300	25,299
Arakawa Chemical Industries, Ltd.	1,400	10,228
Arata Corp.	700	20,159
Arcland Service Holdings Company, Ltd. (B)	1,000	15,508
Arcs Company, Ltd.	2,125	31,372
Arealink Company, Ltd.	500	5,474
Argo Graphics, Inc.	1,000	23,664
Arisawa Manufacturing Company, Ltd.	2,900	21,364
ARTERIA Networks Corp.	1,600	14,433
ArtSpark Holdings, Inc. (B)	3,200	16,049
Aruhi Corp. (B)	1,800	13,461
As One Corp.	700	27,656
Asahi Company, Ltd.	800	7,551
Asahi Diamond Industrial Company, Ltd.	3,900	18,102
Asahi Holdings, Inc.	3,600	56,482
Asahi Yukizai Corp.	1,200	17,689
Asanuma Corp.	700	27,650
Asia Pile Holdings Corp.	3,300	11,145
ASKA Pharmaceutical Holdings Company, Ltd.	1,600	11,848
ASKUL Corp.	2,000	23,903
Atrae, Inc. (A)	600	7,712
Atsugi Company, Ltd. (A)	1,200	4,511
Autobacs Seven Company, Ltd.	3,000	30,909
Aval Data Corp.	600	12,147
Avant Corp.	900	8,924
Avex, Inc.	900	8,939
Axell Corp.	100	577
Axial Retailing, Inc.	800	18,398
Bando Chemical Industries, Ltd.	2,500	16,981

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Bank of the Ryukyus, Ltd.	3,000	\$ 17,478
Belc Company, Ltd.	500	19,073
Bell System24 Holdings, Inc.	2,400	24,577
Belluna Company, Ltd.	3,300	18,149
Benesse Holdings, Inc.	3,700	59,873
Bengo4.com, Inc. (A)(B)	300	8,493
Bic Camera, Inc.	3,500	30,220
BML, Inc.	1,000	26,000
Bourbon Corp.	500	7,924
Br. Holdings Corp.	2,300	5,424
BrainPad, Inc. (A)	900	6,608
Broadleaf Company, Ltd.	4,600	15,019
Bunka Shutter Company, Ltd.	5,000	36,784
Business Brain Showa-Ota, Inc.	700	7,105
C Uyemura & Company, Ltd.	800	30,298
CAC Holdings Corp.	900	9,114
Can Do Company, Ltd. (B)	90	1,430
Canon Electronics, Inc.	1,700	19,176
Carenet, Inc. (B)	1,200	8,156
Carlit Holdings Company, Ltd.	2,100	10,524
Cawachi, Ltd. (B)	900	14,236
CellSource Company, Ltd. (A)(B)	600	17,095
Central Automotive Products, Ltd.	500	8,658
Central Glass Company, Ltd.	1,900	43,263
Central Security Patrols Company, Ltd.	700	13,982
Central Sports Company, Ltd.	600	11,043
Ceres, Inc.	600	5,152
Charm Care Corp. KK	1,000	7,064
Chilled & Frozen Logistics Holdings Company, Ltd.	1,600	12,525
Chino Corp.	400	4,881
Chiyoda Company, Ltd.	800	4,569
Chiyoda Corp. (A)	9,100	28,656
Chiyoda Integre Company, Ltd.	800	11,327
Chofu Seisakusho Company, Ltd.	1,700	22,117
Chori Company, Ltd.	1,200	17,302
Chubu Shiryo Company, Ltd.	2,000	15,413
Chudenko Corp.	1,900	29,918
Chuetsu Pulp & Paper Company, Ltd.	500	3,341
Chugai Ro Company, Ltd.	500	6,150
Chugoku Marine Paints, Ltd.	4,000	25,983
CI Takiron Corp.	3,000	11,927
Citizen Watch Company, Ltd.	16,000	65,090
CKD Corp.	2,400	30,665
Cleanup Corp.	2,100	8,875
CMIC Holdings Company, Ltd.	1,200	12,699
CMK Corp.	3,700	11,687
COLOPL, Inc.	3,200	15,463
Colowide Company, Ltd.	2,500	33,897
Computer Engineering & Consulting, Ltd.	1,800	15,221
Comture Corp.	1,000	19,558
CONEXIO Corp.	1,300	12,708
COOKPAD, Inc. (A)	2,700	4,024
Corona Corp.	300	1,810
Cosel Company, Ltd.	1,200	7,243
Cosmo Energy Holdings Company, Ltd.	2,900	79,968
Cota Company, Ltd.	532	5,926
CRE, Inc.	800	9,984
Create Restaurants Holdings, Inc.	4,200	28,962
Create SD Holdings Company, Ltd.	1,700	37,494
Credit Saison Company, Ltd.	8,100	92,953
Cresco, Ltd.	800	11,087
CROOZ, Inc. (A)	600	3,381
CTS Company, Ltd.	1,900	11,193
Curves Holdings Company, Ltd.	2,000	9,764

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Cybozu, Inc.	900	\$ 6,263
Dai Nippon Toryo Company, Ltd.	1,200	6,266
Daicel Corp.	9,100	56,256
Dai-Dan Company, Ltd.	1,000	15,533
Daido Metal Company, Ltd.	1,900	7,292
Daido Steel Company, Ltd.	1,300	33,482
Daidoh, Ltd. (A)	2,000	1,995
Daihen Corp.	1,100	34,126
Daiho Corp. (B)	800	27,142
Daiichi Jitsugyo Company, Ltd.	400	9,852
Daiichi Kigenso Kagaku-Kogyo Company, Ltd.	1,800	15,650
Daiken Corp.	1,000	13,542
Daiken Medical Company, Ltd.	400	1,440
Daiki Aluminium Industry Company, Ltd.	3,000	26,414
Daikoku Denki Company, Ltd.	800	7,301
Daikokutenbussan Company, Ltd. (B)	300	8,623
Daikyonishikawa Corp.	1,900	7,296
Dainichiseika Color & Chemicals Manufacturing Company, Ltd.	300	3,876
Daio Paper Corp.	2,200	23,020
Daiseki Company, Ltd.	2,160	67,429
Daishi Hokuetsu Financial Group, Inc.	2,200	40,721
Daishinku Corp.	1,600	10,654
Daito Pharmaceutical Company, Ltd.	700	14,365
Daitron Company, Ltd.	600	7,880
Daiwa Industries, Ltd.	2,000	16,190
Daiwabo Holdings Company, Ltd.	4,000	52,247
DCM Holdings Company, Ltd.	6,500	49,805
DeNA Company, Ltd.	4,300	60,054
Densan System Holdings Company, Ltd.	700	11,712
Denyo Company, Ltd.	900	10,563
Dexerials Corp.	3,500	93,415
DIC Corp.	2,000	35,506
Digital Arts, Inc.	700	30,392
Digital Garage, Inc.	1,600	43,358
Digital Hearts Holdings Company, Ltd.	900	11,456
Digital Holdings, Inc.	600	5,400
Dip Corp.	2,200	61,224
Direct Marketing MiX, Inc.	900	11,466
DKK Company, Ltd.	1,000	17,175
DKS Company, Ltd.	400	6,316
DMG Mori Company, Ltd.	4,600	57,211
Doshisha Company, Ltd.	1,700	19,687
Doutor Nichires Holdings Company, Ltd.	2,300	26,142
DTS Corp.	1,800	40,113
Duskin Company, Ltd.	2,100	44,797
DyDo Group Holdings, Inc.	700	25,989
Eagle Industry Company, Ltd.	2,200	15,845
Earth Corp.	800	30,677
Ebara Jitsugyo Company, Ltd.	800	13,033
Ebase Company, Ltd.	1,200	4,706
EDION Corp.	5,000	46,950
EF-ON, Inc.	1,500	6,058
eGuarantee, Inc.	2,700	42,902
E-Guardian, Inc.	900	18,747
Eiken Chemical Company, Ltd.	1,800	23,731
Eizo Corp.	800	22,264
Elan Corp.	2,800	21,612
Elecom Company, Ltd.	1,600	18,017
Elematec Corp.	1,400	12,980
Enigmo, Inc.	2,400	8,489
en-japan, Inc.	2,100	27,522
Enplas Corp.	600	14,071
eRex Company, Ltd.	1,900	30,796

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
ES-Con Japan, Ltd. (B)	1,500	\$ 8,476
ESPEC Corp.	1,600	20,349
Exedy Corp.	1,900	24,102
Ezaki Glico Company, Ltd. (B)	1,900	55,043
FCC Company, Ltd.	2,200	21,871
FDK Corp. (A)	1,100	6,409
Feed One Company, Ltd.	1,600	8,050
Ferrotec Holdings Corp.	2,900	55,517
FIDEA Holdings Company, Ltd.	2,140	20,314
Fields Corp.	1,500	10,015
Financial Products Group Company, Ltd.	1,800	12,048
Fixstars Corp.	2,000	14,032
Foster Electric Company, Ltd.	2,100	11,320
FP Corp.	1,200	25,093
France Bed Holdings Company, Ltd.	2,200	14,715
Fronteo, Inc. (B)	1,900	13,371
Fudo Tetra Corp.	1,080	12,294
Fuji Company, Ltd.	1,400	21,881
Fuji Corp. (Aichi)	2,600	38,354
Fuji Corp., Ltd.	1,300	6,281
Fuji Kyuko Company, Ltd.	900	27,913
Fuji Media Holdings, Inc.	2,000	16,940
Fuji Oil Company, Ltd. (A)	4,400	10,551
Fuji Oil Holdings, Inc.	2,500	39,512
Fuji Pharma Company, Ltd.	1,400	9,757
Fuji Seal International, Inc.	2,100	22,878
Fuji Soft, Inc. (B)	900	51,695
Fujiibo Holdings, Inc.	700	16,769
Fujicco Company, Ltd.	1,500	22,038
Fujikura Kasei Company, Ltd.	2,000	6,807
Fujikura, Ltd. (A)	11,000	62,309
Fujimi, Inc.	800	33,611
Fujimori Kogyo Company, Ltd.	800	20,518
Fujisash Company, Ltd.	4,900	2,496
Fujitsu General, Ltd.	1,800	35,742
Fujiya Company, Ltd.	500	8,863
Fukuda Corp.	200	6,870
Fukuda Denshi Company, Ltd.	500	27,263
Fukui Computer Holdings, Inc.	300	7,563
Fukushima Galilei Company, Ltd.	500	12,688
Fukuyama Transporting Company, Ltd.	1,000	22,733
FULLCAST Holdings Company, Ltd.	1,000	16,019
Funai Soken Holdings, Inc.	1,800	28,699
Furukawa Company, Ltd.	1,900	16,770
Furukawa Electric Company, Ltd.	3,400	55,787
Furuno Electric Company, Ltd.	2,400	17,897
Furyu Corp.	1,300	10,811
Fuso Chemical Company, Ltd.	1,000	26,201
Fuso Pharmaceutical Industries, Ltd.	500	7,908
Futaba Corp.	1,600	7,850
Futaba Industrial Company, Ltd.	3,400	9,617
Future Corp.	2,400	24,776
Fuyo General Lease Company, Ltd.	900	51,070
G-7 Holdings, Inc.	2,000	21,222
Gakken Holdings Company, Ltd.	1,600	11,247
Gecoss Corp.	400	2,434
Genki Sushi Company, Ltd.	500	9,355
Genky DrugStores Company, Ltd. (B)	600	14,924
Geo Holdings Corp.	2,700	24,570
GLOBERIDE, Inc.	1,200	18,871
Glory, Ltd.	2,100	31,687
GMO Financial Holdings, Inc. (B)	1,600	9,179
GMO GlobalSign Holdings KK	500	18,250
Goldcrest Company, Ltd.	990	12,547
Golf Digest Online, Inc.	800	8,117

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Gremz, Inc.	800	\$ 8,852
GS Yuasa Corp.	3,000	46,944
G-Tekt Corp.	1,200	11,269
Gun-Ei Chemical Industry Company, Ltd.	400	7,549
GungHo Online Entertainment, Inc.	2,000	35,483
Gunze, Ltd.	800	21,682
H.U. Group Holdings, Inc.	2,200	47,837
H2O Retailing Corp.	4,900	37,816
Hagihara Industries, Inc.	800	6,410
Hagiwara Electric Holdings Company, Ltd.	500	7,429
Hakuto Company, Ltd.	1,300	24,289
Halows Company, Ltd.	600	13,391
Hamakyorex Company, Ltd.	1,000	21,156
Hanwa Company, Ltd.	1,600	33,400
Happinet Corp.	1,000	11,727
Hazama Ando Corp.	10,090	62,627
Heiwa Corp.	2,700	40,088
Heiwa Real Estate Company, Ltd.	1,500	43,049
Heiwado Company, Ltd.	2,000	29,467
Henge KK (A)(B)	1,000	6,562
Hibiya Engineering, Ltd.	1,500	21,498
HI-LEX Corp.	600	4,975
Hioki EE Corp.	500	23,487
Hirano Tecseed Company, Ltd.	1,100	13,645
Hirata Corp.	500	15,543
Hirogin Holdings, Inc.	13,500	62,920
Hiroshima Gas Company, Ltd.	4,900	11,742
Hisaka Works, Ltd.	2,000	12,364
Hitachi Zosen Corp.	9,000	56,730
Hochiki Corp.	600	5,692
Hodogaya Chemical Company, Ltd.	700	17,046
Hogy Medical Company, Ltd.	800	17,765
Hokkaido Electric Power Company, Inc.	11,100	40,499
Hokkaido Gas Company, Ltd.	600	7,424
Hokkan Holdings, Ltd.	1,000	9,039
Hokko Chemical Industry Company, Ltd.	700	4,712
Hokkoku Financial Holdings, Inc.	1,500	51,037
Hokuetsu Corp.	7,900	40,843
Hokuetsu Industries Company, Ltd.	2,000	12,559
Hokuhoku Financial Group, Inc.	5,900	36,475
Hokuriku Electric Power Company	9,400	36,887
Hokuto Corp.	1,600	22,830
H-One Company, Ltd.	1,000	4,396
Honeys Holdings Company, Ltd.	1,350	11,498
Hoosiers Holdings Company, Ltd.	3,400	20,086
Horiba, Ltd.	500	21,330
Hosiden Corp.	3,900	35,497
Hosokawa Micron Corp.	1,000	19,184
HS Holdings Company, Ltd.	1,000	9,526
IBJ, Inc. (B)	1,800	10,036
Ichigo, Inc.	7,500	17,317
Ichikoh Industries, Ltd.	2,300	5,918
Ichinen Holdings Company, Ltd.	1,900	17,117
Ichiyoshi Securities Company, Ltd.	2,800	13,435
Icom, Inc.	500	9,011
IDEC Corp.	1,600	33,044
IDOM, Inc.	3,900	21,519
Iino Kaiun Kaisha, Ltd.	7,300	36,853
IJTT Company, Ltd.	1,200	4,633
Ikegami Tsushinki Company, Ltd.	400	1,806
I'll, Inc.	1,100	12,573
Imasen Electric Industrial	500	2,156
Imuraya Group Company, Ltd.	300	5,059
Inaba Denki Sangyo Company, Ltd.	2,700	52,981
Inaba Seisakusho Company, Ltd.	200	2,047

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Inabata & Company, Ltd.	2,000	\$ 32,653
Inageya Company, Ltd.	900	8,215
Ines Corp.	900	10,789
i-Net Corp.	900	8,152
Infocom Corp.	1,000	15,063
Infomart Corp.	8,700	24,296
Information Services International-Dentsu, Ltd.	1,400	41,732
INFRONEER Holdings, Inc.	6,468	45,970
Insource Company, Ltd.	1,900	31,842
Intage Holdings, Inc.	1,700	16,009
Inter Action Corp.	800	11,089
I-PEX, Inc.	500	4,695
IR Japan Holdings, Ltd.	400	6,044
Iriso Electronics Company, Ltd.	1,000	23,701
Iseki & Company, Ltd.	1,200	10,387
Ishihara Sangyo Kaisha, Ltd.	2,100	15,519
ITFOR, Inc.	1,000	5,603
ITmedia, Inc.	900	10,688
Itochu Enex Company, Ltd.	3,800	29,452
Itochu-Shokuhin Company, Ltd.	300	10,827
Itoham Yonekyu Holdings, Inc.	5,100	25,978
Itoki Corp.	2,100	5,657
IwaiCosmo Holdings, Inc.	900	8,347
Izumi Company, Ltd.	1,400	31,582
J Front Retailing Company, Ltd.	6,100	52,075
J Trust Company, Ltd. (B)	4,900	15,965
JAC Recruitment Company, Ltd.	1,200	15,389
Jaccs Company, Ltd.	1,600	39,630
JAFCO Group Company, Ltd.	4,200	50,784
JANOME Corp.	1,200	6,336
Japan Aviation Electronics Industry, Ltd.	3,000	45,305
Japan Cash Machine Company, Ltd.	700	3,445
Japan Communications, Inc. (A)	15,200	22,519
Japan Elevator Service Holdings Company, Ltd.	3,300	34,517
Japan Investment Adviser Company, Ltd.	1,000	9,509
Japan Lifeline Company, Ltd.	2,600	17,549
Japan Material Company, Ltd.	3,700	52,961
Japan Medical Dynamic Marketing, Inc.	900	10,578
Japan Petroleum Exploration Company, Ltd.	2,000	46,916
Japan Property Management Center Company, Ltd.	800	6,080
Japan Pulp & Paper Company, Ltd.	600	16,881
Japan Securities Finance Company, Ltd.	5,500	34,627
Japan Transcity Corp.	3,100	11,265
Jastec Company, Ltd.	400	3,436
JBCC Holdings, Inc.	1,200	13,992
JCR Pharmaceuticals Company, Ltd.	600	10,288
JCU Corp.	1,300	32,610
Jimoto Holdings, Inc.	980	4,082
JINS Holdings, Inc.	800	25,217
JINUSHI Company, Ltd.	1,100	16,429
JM Holdings Company, Ltd.	600	7,031
JMS Company, Ltd.	500	2,051
J-Oil Mills, Inc.	1,200	14,237
Joshin Denki Company, Ltd.	1,100	15,756
Joyful Honda Company, Ltd. (B)	1,900	22,199
JSB Company, Ltd.	400	9,356
JSP Corp.	800	8,205
Juki Corp.	1,400	7,273
Juroku Financial Group, Inc.	1,700	29,371
JVCKenwood Corp.	9,070	11,822
K&O Energy Group, Inc.	800	8,812

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Kaga Electronics Company, Ltd.	1,100	\$ 24,599
Kagome Company, Ltd.	500	12,220
Kaken Pharmaceutical Company, Ltd.	1,300	36,556
Kakiyasu Honten Company, Ltd.	500	8,847
Kamakura Shinsho, Ltd.	1,200	5,030
Kameda Seika Company, Ltd.	700	24,905
Kamei Corp.	2,000	15,494
Kamigumi Company, Ltd.	700	13,532
Kanaden Corp.	1,100	8,257
Kanagawa Chuo Kotsu Company, Ltd.	700	17,948
Kanamic Network Company, Ltd.	600	2,468
Kanamoto Company, Ltd.	1,900	26,963
Kandenko Company, Ltd.	4,700	29,276
Kaneka Corp.	2,300	56,649
Kanematsu Corp.	3,500	34,532
Kanematsu Electronics, Ltd.	700	20,837
Kanto Denka Kogyo Company, Ltd.	2,000	13,046
Kasai Kogyo Company, Ltd. (A)(B)	1,000	1,950
Katakura Industries Company, Ltd. (A)	1,700	25,384
Katitas Company, Ltd.	2,700	58,380
Kato Sangyo Company, Ltd.	1,100	26,406
Kato Works Company, Ltd.	400	2,364
Kawada Technologies, Inc.	200	5,171
KeePer Technical Laboratory Company, Ltd.	500	13,109
Keihanshin Building Company, Ltd.	2,000	19,339
Keiyo Company, Ltd.	3,400	22,746
Kenko Mayonnaise Company, Ltd.	900	9,611
KFC Holdings Japan, Ltd.	1,500	31,441
KH Neochem Company, Ltd.	900	16,503
Kimoto Company, Ltd.	3,000	4,922
Kintetsu World Express, Inc.	1,600	49,062
Kissei Pharmaceutical Company, Ltd.	1,100	21,529
Ki-Star Real Estate Company, Ltd.	600	20,802
Kitanotatsujin Corp.	3,300	4,969
Kito Corp.	800	15,667
Kitz Corp.	4,600	21,485
KLab, Inc. (A)	2,100	9,318
Koa Corp.	1,700	20,266
Koatsu Gas Kogyo Company, Ltd.	3,000	14,604
Kobe Electric Railway Company, Ltd. (A)	300	7,194
Kobe Steel, Ltd.	13,000	58,995
Kohnan Shoji Company, Ltd.	1,200	32,410
Kojima Company, Ltd.	3,000	14,482
Kokuyo Company, Ltd.	3,800	48,146
KOMEDA Holdings Company, Ltd.	2,600	44,116
Komeri Company, Ltd.	1,500	29,168
Komori Corp.	3,700	22,287
Kondotec, Inc.	1,300	9,820
Konica Minolta, Inc.	21,700	72,324
Konishi Company, Ltd.	2,200	25,067
Konoike Transport Company, Ltd.	2,600	24,308
Krosaki Harima Corp.	400	12,662
K's Holdings Corp.	7,300	71,269
Kumagai Gumi Company, Ltd.	1,800	36,449
Kumiai Chemical Industry Company, Ltd.	3,400	27,702
Kurabo Industries, Ltd.	1,600	22,904
Kureha Corp.	800	56,346
Kurimoto, Ltd.	1,000	12,163
Kusuri no Aoki Holdings Company, Ltd.	700	30,009
KYB Corp.	1,000	22,812
Kyodo Printing Company, Ltd.	500	9,128
Kyoei Steel, Ltd.	1,800	18,331
Kyokuto Kaihatsu Kogyo Company, Ltd.	2,300	24,418
Kyokuto Securities Company, Ltd.	2,300	11,717

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Kyokuyo Company, Ltd.	700	\$ 17,838
KYORIN Holdings, Inc.	1,900	24,840
Kyosan Electric Manufacturing Company, Ltd.	2,000	6,371
Kyudenko Corp.	1,700	34,422
Kyushu Financial Group, Inc.	20,200	57,887
LAC Company, Ltd.	1,400	7,992
Lacto Japan Company, Ltd.	800	12,394
LEC, Inc.	1,600	7,551
Life Corp.	800	15,275
LIFULL Company, Ltd.	3,800	4,564
Link And Motivation, Inc. (B)	2,300	8,127
Lintec Corp.	1,900	32,219
Litalico, Inc.	1,300	20,507
Locondo, Inc. (A)	400	3,423
M&A Capital Partners Company, Ltd. (A)	600	15,832
Mabuchi Motor Company, Ltd. (B)	2,300	59,278
Macnica Fuji Electronics Holdings, Inc.	2,650	51,117
Macromill, Inc.	2,300	15,270
Maeda Kosen Company, Ltd.	1,100	23,788
Maezawa Kasei Industries Company, Ltd. (B)	1,100	10,367
Maezawa Kyuso Industries Company, Ltd.	1,800	11,829
Makino Milling Machine Company, Ltd.	1,200	37,473
Management Solutions Company, Ltd. (A)	1,300	21,885
Mandom Corp.	1,600	18,849
Mani, Inc.	5,100	49,641
MarkLines Company, Ltd.	400	6,254
Mars Group Holdings Corp.	700	8,532
Marubun Corp.	200	1,069
Marudai Food Company, Ltd.	1,600	18,124
Maruha Nichiro Corp.	1,500	28,241
Maruichi Steel Tube, Ltd.	2,200	46,603
Marusan Securities Company, Ltd.	4,700	16,945
Maruwa Company, Ltd.	300	34,229
Maruwa Unyu Kikan Company, Ltd. (B)	3,100	30,598
Maruzen Company, Ltd.	800	10,374
Maruzen Showa Unyu Company, Ltd.	1,400	17,983
Marvelous, Inc.	800	6,930
Matsuda Sangyo Company, Ltd.	1,400	20,737
Matsui Securities Company, Ltd.	4,900	29,111
Max Company, Ltd.	2,000	23,755
Maxell, Ltd.	2,200	21,483
Maxvalu Tokai Company, Ltd.	1,100	21,967
MCJ Company, Ltd.	3,200	20,768
Mebuki Financial Group, Inc.	18,000	35,500
MEC Company, Ltd.	1,500	24,607
Media Do Company, Ltd.	600	7,438
Medical Data Vision Company, Ltd.	1,700	12,729
Medikit Company, Ltd.	500	8,221
MedPeer, Inc. (A)	600	8,194
Megachips Corp.	1,100	25,675
Megmilk Snow Brand Company, Ltd.	1,800	24,087
Meidensha Corp.	1,800	26,449
Meiko Electronics Company, Ltd.	1,200	28,195
Meisei Industrial Company, Ltd.	3,000	15,563
Meitec Corp.	3,900	62,871
Meito Sangyo Company, Ltd.	900	10,906
Melco Holdings, Inc.	500	12,757
Members Company, Ltd.	400	7,486
Menicon Company, Ltd.	3,500	80,692
METAWATER Company, Ltd.	1,600	23,700
Micronics Japan Company, Ltd.	2,100	19,287
Midac Holdings Company, Ltd.	500	10,365
Mie Kotsu Group Holdings, Inc.	3,700	13,444



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Milbon Company, Ltd.	1,512	\$ 53,335
Mimasu Semiconductor Industry Company, Ltd.	1,400	21,811
Ministop Company, Ltd.	1,100	11,870
Mirainovate Company, Ltd.	3,300	4,011
Mirait Holdings Corp.	4,240	49,827
Miroku Jyoho Service Company, Ltd.	700	6,148
Mitani Corp.	2,000	22,326
Mitani Sekisan Company, Ltd.	600	18,999
Mito Securities Company, Ltd.	6,300	12,098
Mitsuba Corp.	2,300	6,791
Mitsubishi Logisnext Company, Ltd.	1,000	6,417
Mitsubishi Logistics Corp.	1,600	38,326
Mitsubishi Materials Corp.	1,900	27,196
Mitsubishi Paper Mills, Ltd.	2,600	5,704
Mitsubishi Pencil Company, Ltd.	1,500	16,234
Mitsubishi Research Institute, Inc.	500	15,206
Mitsubishi Shokuhin Company, Ltd.	600	16,757
Mitsubishi Steel Manufacturing Company, Ltd.	1,000	6,946
Mitsuboshi Belting, Ltd.	1,000	20,854
Mitsui DM Sugar Holdings Company, Ltd.	1,000	14,061
Mitsui E&S Holdings Company, Ltd. (A)(B)	4,600	11,362
Mitsui Matsushima Holdings Company, Ltd.	1,000	21,682
Mitsui Mining & Smelting Company, Ltd.	2,500	58,306
Mitsui-Soko Holdings Company, Ltd.	1,700	36,100
Mitsuuroko Group Holdings Company, Ltd.	3,200	21,860
Mixi, Inc.	1,800	29,912
Mizuho Leasing Company, Ltd.	1,400	32,071
Mizuno Corp.	1,400	24,165
Mochida Pharmaceutical Company, Ltd.	900	21,675
Modec, Inc. (A)	1,700	14,628
Monex Group, Inc. (B)	8,000	24,922
Morinaga & Company, Ltd.	1,700	54,473
Morinaga Milk Industry Company, Ltd.	1,000	35,812
Morita Holdings Corp.	2,200	21,435
Morningstar Japan KK	1,300	4,897
MrMax Holdings, Ltd.	1,700	7,913
m-up Holdings, Inc.	2,000	18,390
Musashi Seimitsu Industry Company, Ltd.	2,600	26,634
Nachi-Fujikoshi Corp.	600	15,414
Nafco Company, Ltd.	1,100	12,751
Nagano Keiki Company, Ltd.	1,800	14,793
Nagase & Company, Ltd.	5,100	70,152
Nagatanien Holdings Company, Ltd.	1,000	14,651
Nagawa Company, Ltd.	300	17,787
Nakamura Company, Ltd.	300	6,964
Nakanishi, Inc.	3,100	54,956
Nakayama Steel Works, Ltd.	1,100	3,465
Namura Shipbuilding Company, Ltd. (A)(B)	3,252	9,907
Nankai Electric Railway Company, Ltd.	3,400	67,500
Natori Company, Ltd.	700	10,413
NEC Capital Solutions, Ltd.	800	12,018
NEC Networks & System Integration Corp.	2,100	28,443
NET One Systems Company, Ltd.	3,200	71,117
Neturen Company, Ltd.	2,300	11,085
Nextage Company, Ltd.	2,300	39,759
NHK Spring Company, Ltd.	9,100	59,724
Nice Corp.	600	7,223
Nichias Corp.	2,400	39,818

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Nichiban Company, Ltd.	700	\$ 8,312
Nichicon Corp.	3,400	31,563
Nichiden Corp.	600	8,369
Nichiha Corp.	1,200	23,313
Nichi-iko Pharmaceutical Company, Ltd. (A)(B)	3,100	8,085
Nichireki Company, Ltd.	2,000	19,160
Nichirin Company, Ltd.	1,040	11,739
Nihon Chouzai Company, Ltd.	800	7,761
Nihon Dempa Kogyo Company, Ltd. (A)	2,500	20,165
Nihon Flush Company, Ltd.	1,000	7,345
Nihon House Holdings Company, Ltd.	1,000	2,914
Nihon Kagaku Sangyo Company, Ltd.	1,000	7,520
Nihon Kohden Corp.	1,700	34,842
Nihon Nohyaku Company, Ltd.	4,000	20,458
Nihon Parkerizing Company, Ltd.	3,900	25,678
Nihon Tokushu Toryo Company, Ltd.	1,000	7,412
Nikkiso Company, Ltd.	2,100	12,411
Nikkon Holdings Company, Ltd.	2,900	45,996
Nippn Corp.	2,700	32,494
Nippon Air Conditioning Services Company, Ltd.	1,600	9,343
Nippon Beet Sugar Manufacturing Company, Ltd.	900	11,339
Nippon Carbon Company, Ltd.	500	14,746
Nippon Chemical Industrial Company, Ltd.	700	10,007
Nippon Chemi-Con Corp. (A)	1,100	13,787
Nippon Coke & Engineering Company, Ltd.	18,000	15,350
Nippon Concrete Industries Company, Ltd.	2,600	5,129
Nippon Denko Company, Ltd.	6,530	16,711
Nippon Densetsu Kogyo Company, Ltd.	2,100	27,225
Nippon Electric Glass Company, Ltd. (B)	2,700	51,712
Nippon Fine Chemical Company, Ltd.	800	11,170
Nippon Gas Company, Ltd.	5,400	76,887
Nippon Hume Corp.	2,000	9,594
Nippon Kanzai Company, Ltd.	400	7,651
Nippon Kayaku Company, Ltd.	5,300	42,888
Nippon Kodoshi Corp. (B)	800	11,360
Nippon Koei Company, Ltd.	1,000	24,020
Nippon Light Metal Holdings Company, Ltd.	2,820	31,004
Nippon Paper Industries Company, Ltd.	4,600	32,584
Nippon Parking Development Company, Ltd.	8,400	10,555
Nippon Pillar Packing Company, Ltd.	1,500	30,087
Nippon Rietec Company, Ltd.	300	2,163
Nippon Seiki Company, Ltd.	3,000	19,099
Nippon Sharyo, Ltd.	600	9,175
Nippon Sheet Glass Company, Ltd. (A)	4,100	11,545
Nippon Shokubai Company, Ltd.	800	30,920
Nippon Signal Company, Ltd.	3,000	21,720
Nippon Soda Company, Ltd.	1,200	38,567
Nippon Steel Trading Corp.	972	36,440
Nippon Suisan Kaisha, Ltd.	13,000	54,958
Nippon Thompson Company, Ltd.	4,700	17,956
Nippon Yakin Kogyo Company, Ltd.	1,000	15,582
Nipro Corp.	6,000	47,189
Nishikawa Rubber Company, Ltd.	800	7,178
Nishimatsu Construction Company, Ltd.	2,300	68,723
Nishimatsuya Chain Company, Ltd.	1,600	16,844
Nishi-Nippon Financial Holdings, Inc.	7,000	38,737
Nishi-Nippon Railroad Company, Ltd.	3,000	64,305
Nishio Rent All Company, Ltd.	800	15,902
Nissan Shatai Company, Ltd.	3,400	14,399

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Nissei ASB Machine Company, Ltd.	500	\$ 13,026
Nissei Plastic Industrial Company, Ltd.	1,600	10,417
Nissha Company, Ltd.	2,300	24,885
Nisshinbo Holdings, Inc.	6,168	46,455
Nissin Corp.	1,400	16,423
Nissin Electric Company, Ltd.	3,400	38,273
Nissin Sugar Company, Ltd.	1,100	14,076
Nisso Corp.	2,400	10,175
Nitta Corp.	1,300	26,438
NITTAN Corp.	1,200	2,356
Nittetsu Mining Company, Ltd.	300	11,355
Nitto Boseki Company, Ltd.	800	13,754
Nitto Kogyo Corp.	1,600	27,679
Nitto Kohki Company, Ltd.	1,000	10,983
Nitto Seiko Company, Ltd.	1,700	5,915
Noevir Holdings Company, Ltd.	800	34,014
Nohmi Bosai, Ltd.	1,300	17,753
Nojima Corp.	1,600	33,208
NOK Corp.	4,700	38,200
Nomura Micro Science Company, Ltd. (B)	600	15,678
Noritake Company, Ltd.	700	20,828
Noritsu Koki Company, Ltd.	1,000	16,931
Noritz Corp.	2,100	22,456
North Pacific Bank, Ltd.	12,900	21,240
NS Tool Company, Ltd.	800	7,309
NS United Kaiun Kaisha, Ltd.	800	21,797
NSD Company, Ltd.	3,000	52,406
NTN Corp. (A)	18,400	35,107
Obara Group, Inc.	600	12,799
Ohsho Food Service Corp.	700	36,100
Oiles Corp.	1,380	15,524
Oisix ra daichi, Inc. (A)(B)	1,200	14,696
Okabe Company, Ltd.	2,600	11,675
Okamoto Industries, Inc.	600	16,844
Okamura Corp.	3,700	32,999
Okasan Securities Group, Inc.	7,000	17,482
Oki Electric Industry Company, Ltd.	4,700	25,664
Okinawa Cellular Telephone Company	400	15,951
Okinawa Financial Group, Inc.	1,140	18,446
OKUMA Corp.	1,100	41,313
Okumura Corp.	1,600	35,561
Okura Industrial Company, Ltd.	800	10,059
Okuwa Company, Ltd.	1,000	6,229
Onoken Company, Ltd.	1,500	15,488
Onward Holdings Company, Ltd.	7,100	13,353
Optex Group Company, Ltd.	800	11,905
Optim Corp. (A)	700	3,883
Optorun Company, Ltd.	1,100	14,604
Organo Corp.	600	37,556
Orient Corp.	17,800	16,835
Oriental Shiraishi Corp.	7,600	13,385
Origin Company, Ltd.	600	5,234
Oro Company, Ltd.	700	8,647
Osaka Organic Chemical Industry, Ltd.	800	13,056
Osaka Soda Company, Ltd.	800	18,840
Osaka Steel Company, Ltd.	700	7,624
Osaki Electric Company, Ltd.	3,000	10,795
OSG Corp.	3,300	38,481
Outsourcing, Inc.	5,800	44,361
Oyo Corp.	1,300	15,905
Pacific Industrial Company, Ltd.	3,000	23,203
Pacific Metals Company, Ltd.	1,100	19,071
PAL GROUP Holdings Company, Ltd.	700	9,305
Paramount Bed Holdings Company, Ltd.	1,600	26,002
Paris Miki Holdings, Inc.	1,100	2,132

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Pasona Group, Inc.	1,300	\$ 18,075
PC Depot Corp.	1,700	3,959
Penta-Ocean Construction Company, Ltd.	12,400	66,889
PeptiDream, Inc. (A)	3,700	38,985
Pharma Foods International Company, Ltd. (B)	1,600	16,705
Pickles Corp.	800	6,988
Pigeon Corp. (B)	4,600	63,289
Pilot Corp.	1,200	42,742
Piolax, Inc.	2,100	31,025
Plenus Company, Ltd.	900	13,246
Pole To Win Holdings, Inc.	2,000	13,701
Premier Anti-Aging Company, Ltd. (A)(B)	300	4,480
Premium Group Company, Ltd.	800	23,039
Premium Water Holdings, Inc.	400	8,234
Press Kogyo Company, Ltd.	7,000	20,571
Pressance Corp.	700	7,787
Prestige International, Inc.	5,000	25,009
Prima Meat Packers, Ltd.	1,500	25,184
Procrea Holdings, Inc.	2,344	33,602
Pronexus, Inc.	600	4,731
Proto Corp.	1,800	13,544
PS Mitsubishi Construction Company, Ltd.	2,600	11,754
Punch Industry Company, Ltd.	1,300	4,413
QB Net Holdings Company, Ltd.	1,800	17,839
Qol Holdings Company, Ltd.	1,400	14,543
Raccoon Holdings, Inc.	800	9,904
Raito Kogyo Company, Ltd.	2,400	32,796
Raiznext Corp.	3,300	27,781
Rakus Company, Ltd.	1,600	19,099
Raysum Company, Ltd.	1,600	13,179
Relia, Inc.	2,100	16,530
Rengo Company, Ltd.	8,600	46,728
RENOVA, Inc. (A)	1,400	25,251
Resorttrust, Inc.	3,700	60,595
Restar Holdings Corp.	1,600	22,475
Retail Partners Company, Ltd. (B)	300	2,525
Rheon Automatic Machinery Company, Ltd.	1,500	13,998
Ricoh Leasing Company, Ltd.	800	20,601
Riken Corp.	600	10,343
Riken Keiki Company, Ltd.	400	10,670
Riken Technos Corp.	3,000	9,539
Riken Vitamin Company, Ltd.	1,400	17,567
Rion Company, Ltd.	500	8,869
Riso Kyoiku Company, Ltd.	9,300	21,873
Rock Field Company, Ltd.	1,000	10,716
Rokko Butter Company, Ltd.	600	6,220
Roland Corp.	700	20,795
Roland DG Corp.	900	21,405
Rorze Corp.	700	43,914
Round One Corp.	1,900	21,364
Ryobi, Ltd.	1,400	10,695
Ryoden Corp.	1,500	17,524
Ryosan Company, Ltd.	1,500	24,249
S Foods, Inc.	900	20,746
S&B Foods, Inc.	600	16,176
Sac's Bar Holdings, Inc. (B)	600	2,662
Saibu Gas Holdings Company, Ltd.	1,500	20,944
Saint-Care Holding Corp.	1,900	12,258
Sakai Chemical Industry Company, Ltd.	1,400	19,456
Sakai Moving Service Company, Ltd.	500	16,738
Sakata INX Corp.	3,100	20,887
Sala Corp.	3,000	15,599
SAMTY Company, Ltd.	1,600	23,789

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
San ju San Financial Group, Inc.	1,700	\$ 17,475
San-A Company, Ltd.	900	27,174
San-Ai Obbli Company, Ltd.	3,500	24,811
Sangetsu Corp.	2,100	24,121
Sanken Electric Company, Ltd.	900	31,346
Sanki Engineering Company, Ltd.	2,000	22,622
Sankyo Company, Ltd.	1,900	57,477
Sankyo Frontier Company, Ltd.	300	8,876
Sankyo Seiko Company, Ltd.	3,200	15,006
Sankyo Tateyama, Inc.	2,500	10,136
Sankyu, Inc.	1,400	40,307
Sanoh Industrial Company, Ltd.	1,900	9,166
Sanshin Electronics Company, Ltd.	700	7,906
Sanyo Chemical Industries, Ltd.	600	21,040
Sanyo Denki Company, Ltd.	400	15,418
Sanyo Electric Railway Company, Ltd.	1,600	25,546
Sanyo Shokai, Ltd. (A)	700	5,021
Sanyo Special Steel Company, Ltd.	1,400	20,271
Sanyo Trading Company, Ltd.	1,200	8,652
Sapporo Holdings, Ltd.	2,700	59,983
Sato Holdings Corp.	1,700	23,410
Sawai Group Holdings Company, Ltd.	1,800	54,593
SB Technology Corp.	800	12,848
SBS Holdings, Inc.	900	18,057
Scroll Corp.	2,300	15,436
Seika Corp.	500	6,051
Seikagaku Corp.	1,700	10,245
Seikitokyu Kogyo Company, Ltd.	1,600	9,586
Seiko Holdings Corp.	1,400	29,903
Seino Holdings Company, Ltd.	4,000	32,062
Seiren Company, Ltd.	2,700	40,264
Sekisui Jushi Corp.	1,600	19,887
Sekisui Kasei Company, Ltd.	2,500	7,524
Senko Group Holdings Company, Ltd.	4,700	30,449
Senshu Electric Company, Ltd.	300	10,664
Senshu Ikeda Holdings, Inc.	17,200	25,371
Senshukai Company, Ltd. (B)	3,300	9,405
Seria Company, Ltd.	3,000	53,337
Seven Bank, Ltd.	17,700	33,802
Shibaura Electronics Company, Ltd.	500	18,612
Shibaura Machine Company, Ltd.	1,600	31,084
Shibaura Mechatronics Corp.	300	21,380
Shibuya Corp.	800	13,825
Shikibo, Ltd.	1,100	7,276
Shikoku Chemicals Corp.	3,000	27,460
Shikoku Electric Power Company, Inc.	5,600	32,759
Shima Seiki Manufacturing, Ltd.	1,200	18,494
Shin Nippon Biomedical Laboratories, Ltd.	1,000	14,581
Shinagawa Refractories Company, Ltd.	600	15,777
Shindengen Electric Manufacturing Company, Ltd.	500	12,502
Shin-Etsu Polymer Company, Ltd.	3,000	26,136
Shinko Shoji Company, Ltd.	1,900	12,347
Shinmaywa Industries, Ltd.	2,400	19,107
Shinnihon Corp.	2,500	13,002
Shinoken Group Company, Ltd.	2,000	14,399
Shinwa Company, Ltd.	700	10,828
Ship Healthcare Holdings, Inc.	3,500	62,469
Shizuoka Gas Company, Ltd.	4,500	30,172
Shoei Company, Ltd.	1,200	47,081
Shoei Foods Corp.	700	19,327
Shofu, Inc.	600	7,365
Showa Sangyo Company, Ltd.	1,000	18,746
SIGMAXYZ Holdings, Inc.	1,800	14,457
Siix Corp.	1,600	11,220

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Sinanen Holdings Company, Ltd.	800	\$ 20,103
Sinfonia Technology Company, Ltd.	1,600	15,793
Sinko Industries, Ltd.	1,500	18,053
Sintokogio, Ltd.	3,400	16,924
SKY Perfect JSAT Holdings, Inc.	7,800	31,021
Smaregi, Inc. (A)(B)	400	3,350
SMK Corp.	300	4,615
SMS Company, Ltd.	1,000	19,837
Snow Peak, Inc. (B)	1,200	23,913
Sodick Company, Ltd.	2,400	14,401
Softcreate Holdings Corp.	700	19,830
Software Service, Inc.	200	9,502
Soken Chemical & Engineering Company, Ltd.	800	11,547
Solasto Corp.	3,200	17,252
Sotetsu Holdings, Inc.	2,400	41,494
Sparx Group Company, Ltd. (B)	7,400	14,464
S-Pool, Inc.	5,000	41,684
SRA Holdings	600	12,274
SRE Holdings Corp. (A)	400	6,741
ST Corp.	700	7,785
St. Marc Holdings Company, Ltd.	800	9,331
Star Mica Holdings Company, Ltd.	1,100	13,630
Star Micronics Company, Ltd.	2,300	27,514
Starts Corp., Inc.	1,900	38,963
Starzen Company, Ltd.	600	8,807
Stella Chemifa Corp.	800	14,122
Strike Company, Ltd.	700	17,651
Studio Alice Company, Ltd.	900	15,818
Sugimoto & Company, Ltd.	700	10,710
Sumida Corp.	1,600	9,420
Suminoe Textile Company, Ltd.	500	6,249
Sumitomo Bakelite Company, Ltd.	1,700	50,971
Sumitomo Densetsu Company, Ltd.	1,300	24,862
Sumitomo Mitsui Construction Company, Ltd.	6,000	20,375
Sumitomo Osaka Cement Company, Ltd.	1,500	37,276
Sumitomo Riko Company, Ltd.	2,400	10,426
Sumitomo Seika Chemicals Company, Ltd.	500	10,648
Sun Frontier Fudousan Company, Ltd.	2,200	18,083
Suruga Bank, Ltd.	7,000	18,993
SWCC Showa Holdings Company, Ltd.	2,400	30,208
Systema Corp.	16,500	48,153
Syuppin Company, Ltd.	1,200	12,879
T Hasegawa Company, Ltd.	1,600	32,607
T RAD Company, Ltd.	500	9,659
T&K Toka Company, Ltd.	1,600	9,533
Tachibana Eletech Company, Ltd.	1,360	15,247
Tachi-S Company, Ltd.	2,400	19,372
Tadano, Ltd.	5,000	32,968
Taihei Dengyo Kaisha, Ltd.	1,000	21,720
Taiheiyo Cement Corp.	600	8,940
Taiho Kogyo Company, Ltd.	1,200	5,917
Taikisha, Ltd.	900	21,106
Taiko Pharmaceutical Company, Ltd. (A)	1,200	5,046
Taisei Lamick Company, Ltd.	500	9,673
Taiyo Holdings Company, Ltd.	2,000	41,976
Takamatsu Construction Group Company, Ltd.	1,000	15,198
Takaoka Toko Company, Ltd.	700	8,729
Takara Bio, Inc.	1,300	18,437
Takara Holdings, Inc.	7,100	52,632
Takara Leben Company, Ltd.	6,300	16,696
Takara Standard Company, Ltd.	2,200	20,249
Takasago International Corp.	1,200	21,588

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Takasago Thermal Engineering Company, Ltd.	1,700	\$ 20,192
Takashimaya Company, Ltd.	7,500	73,394
Takeuchi Manufacturing Company, Ltd.	1,600	27,456
Takihyo Company, Ltd.	600	4,321
Takuma Company, Ltd.	3,000	29,411
Tama Home Company, Ltd. (B)	1,000	18,089
Tamron Company, Ltd.	1,500	27,798
Tamura Corp.	6,000	24,974
Tanseisha Company, Ltd.	1,100	6,617
Tatsuta Electric Wire & Cable Company, Ltd.	4,200	14,220
Tayca Corp.	1,500	13,328
TDC Soft, Inc.	1,200	9,401
TechMatrix Corp.	1,400	17,399
Techno Horizon Company, Ltd.	1,400	6,001
Teijin, Ltd.	2,500	26,029
Teikoku Electric Manufacturing Company, Ltd.	1,700	19,998
Teikoku Sen-I Company, Ltd.	1,200	14,602
Tekken Corp.	800	10,591
Tenma Corp.	1,000	16,972
T-Gaia Corp.	900	10,737
The 77 Bank, Ltd.	2,800	37,526
The Aichi Bank, Ltd.	600	23,409
The Akita Bank, Ltd.	1,100	13,439
The Awa Bank, Ltd.	2,200	32,823
The Bank of Iwate, Ltd.	1,100	16,292
The Bank of Nagoya, Ltd.	1,100	25,283
The Bank of Saga, Ltd.	1,000	10,867
The Chiba Kogyo Bank, Ltd.	3,200	6,074
The Chugoku Bank, Ltd.	6,700	48,613
The Chukyo Bank, Ltd.	900	11,184
The Ehime Bank, Ltd.	2,100	13,933
The First Bank of Toyama, Ltd.	2,800	8,567
The Fukui Bank, Ltd.	1,800	17,914
The Fukushima Bank, Ltd.	2,100	3,471
The Gunma Bank, Ltd.	14,200	40,130
The Hachijuni Bank, Ltd.	14,100	52,068
The Hyakugo Bank, Ltd.	12,500	30,251
The Hyakujushi Bank, Ltd.	1,700	21,233
The Iyo Bank, Ltd.	11,300	55,553
The Japan Wool Textile Company, Ltd.	4,000	29,082
The Keiyo Bank, Ltd.	4,400	15,480
The Kinki Sharyo Company, Ltd.	300	2,562
The Kita-Nippon Bank, Ltd.	700	8,250
The Kiyu Bank, Ltd.	3,800	37,409
The Miyazaki Bank, Ltd.	1,000	15,438
The Monogatari Corp.	400	17,358
The Musashino Bank, Ltd.	1,700	22,408
The Nagano Bank, Ltd.	800	8,165
The Nanto Bank, Ltd.	2,000	29,379
The Nippon Road Company, Ltd.	200	9,365
The Nisshin Oillio Group, Ltd.	1,200	27,761
The Ogaki Kyoritsu Bank, Ltd.	1,600	20,364
The Oita Bank, Ltd.	900	12,419
The Okinawa Electric Power Company, Inc.	1,990	19,258
The Pack Corp.	800	13,257
The San-In Godo Bank, Ltd.	8,000	38,699
The Shibusawa Warehouse Company, Ltd.	1,000	15,648
The Shiga Bank, Ltd.	2,200	44,891
The Shikoku Bank, Ltd.	2,800	17,432
The Shimizu Bank, Ltd.	500	5,412
The Sumitomo Warehouse Company, Ltd.	3,324	49,209

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
The Tochigi Bank, Ltd.	8,000	\$ 15,140
The Toho Bank, Ltd.	12,000	18,442
The Tohoku Bank, Ltd.	400	2,870
The Tottori Bank, Ltd.	400	3,447
The Towa Bank, Ltd.	2,900	11,040
The Yamagata Bank, Ltd.	2,000	13,269
The Yamanashi Chuo Bank, Ltd.	2,000	16,772
Tigers Polymer Corp.	1,000	3,211
TKC Corp.	2,100	51,003
Toa Corp. (Hyogo)	1,400	7,777
Toa Corp. (Tokyo)	1,200	21,943
Toagosei Company, Ltd.	4,300	32,008
Tobishima Corp.	720	5,420
TOC Company, Ltd.	3,400	18,053
Tocalo Company, Ltd.	3,200	29,140
Toda Corp.	8,400	44,469
Toda Kogyo Corp. (A)	300	5,163
Toei Company, Ltd.	100	13,083
Toenec Corp.	600	15,481
Toho Company, Ltd. (A)	600	6,140
Toho Holdings Company, Ltd.	2,400	37,162
Toho Titanium Company, Ltd.	3,000	48,752
Toho Zinc Company, Ltd.	800	12,624
Tokai Carbon Company, Ltd. (B)	8,600	65,597
Tokai Corp.	1,200	14,737
TOKAI Holdings Corp.	4,000	26,153
Tokai Rika Company, Ltd.	2,600	28,361
Tokai Tokyo Financial Holdings, Inc.	11,500	31,387
Token Corp.	410	23,359
Tokushu Tokai Paper Company, Ltd.	600	13,951
Tokuyama Corp.	3,200	40,709
Tokyo Base Company, Ltd. (A)	900	2,148
Tokyo Electron Device, Ltd.	400	15,140
Tokyo Energy & Systems, Inc.	2,000	14,251
Tokyo Keiki, Inc.	1,000	9,354
Tokyo Kiraboshi Financial Group, Inc.	1,936	32,338
Tokyo Rakutenchi Company, Ltd.	200	5,806
Tokyo Rope Manufacturing Company, Ltd.	200	1,369
Tokyo Seimitsu Company, Ltd.	1,800	59,332
Tokyo Steel Manufacturing Company, Ltd.	5,100	56,274
Tokyo Tekko Company, Ltd.	800	7,250
Tokyo Theatres Company, Inc.	900	8,075
Tokyotokeiba Company, Ltd.	600	17,387
Tokyu Construction Company, Ltd.	3,900	18,268
Tomato Bank, Ltd.	1,100	8,138
Tomen Devices Corp.	200	8,117
Tomoe Corp.	2,200	7,304
Tomoku Company, Ltd.	500	5,534
TOMONY Holdings, Inc.	10,600	24,410
Tomy Company, Ltd.	4,500	45,240
Tonami Holdings Company, Ltd.	500	12,972
Topcon Corp.	4,700	61,466
Topre Corp.	2,300	16,905
Topy Industries, Ltd.	1,300	13,060
Torex Semiconductor, Ltd.	700	13,346
Toridoll Holdings Corp.	2,800	47,767
Torii Pharmaceutical Company, Ltd.	1,100	26,016
Torishima Pump Manufacturing Company, Ltd.	900	8,501
Tosei Corp.	2,500	23,227
Toshiba TEC Corp.	1,100	35,172
Totetsu Kogyo Company, Ltd.	1,000	17,861
Towa Corp.	1,300	16,695
Towa Pharmaceutical Company, Ltd.	1,500	27,229
Toyo Construction Company, Ltd.	3,100	20,417

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
Toyo Corp.	1,100	\$ 8,995
Toyo Denki Seizo KK	600	4,028
Toyo Engineering Corp. (A)	2,200	10,446
Toyo Gosei Company, Ltd. (B)	300	18,258
Toyo Ink SC Holdings Company, Ltd. (B)	2,200	30,873
Toyo Kanetsu KK	400	7,794
Toyo Securities Company, Ltd. (B)	6,000	8,655
Toyo Seikan Group Holdings, Ltd.	1,900	19,928
Toyo Tanso Company, Ltd.	1,000	20,881
Toyo Tire Corp. (B)	3,200	40,000
Toyo Wharf & Warehouse Company, Ltd.	600	5,668
Toyobo Company, Ltd.	4,093	30,263
Toyoda Gosei Company, Ltd.	1,600	25,246
TPR Company, Ltd.	1,400	12,375
Trancom Company, Ltd.	400	20,118
Transaction Company, Ltd.	1,700	14,086
Transcosmos, Inc.	800	20,643
TRE Holdings Corp.	2,368	32,967
Tri Chemical Laboratories, Inc.	1,200	19,391
Trusco Nakayama Corp.	2,200	27,895
TS Tech Company, Ltd.	4,400	45,554
TSI Holdings Company, Ltd.	5,270	13,479
Tsubaki Nakashima Company, Ltd.	2,300	15,339
Tsubakimoto Chain Company	1,600	35,858
Tsugami Corp.	1,600	13,346
Tsukishima Kikai Company, Ltd.	2,000	12,850
Tsukuba Bank, Ltd.	5,700	8,129
Tsumura & Company	2,400	53,980
Tsurumi Manufacturing Company, Ltd.	1,000	13,666
TV Asahi Holdings Corp.	700	7,629
UACJ Corp.	1,903	28,924
UBE Corp.	4,400	65,366
Ubicom Holdings, Inc.	500	8,678
Uchida Yoko Company, Ltd.	400	14,775
Ulvac, Inc.	1,000	34,061
Uniden Holdings Corp.	400	12,067
Union Tool Company	700	16,641
Unipres Corp.	2,600	15,360
United Super Markets Holdings, Inc.	2,400	18,921
UNITED, Inc. (B)	1,300	14,849
Unitika, Ltd. (A)	5,900	10,085
Universal Entertainment Corp. (A)	1,200	12,863
Usen-Next Holdings Company, Ltd.	1,300	18,633
Ushio, Inc.	5,200	64,402
UT Group Company, Ltd.	1,500	24,878
UUUM Company, Ltd. (A)	800	8,009
Uzabase, Inc. (A)	800	4,647
V Technology Company, Ltd.	400	8,248
Valor Holdings Company, Ltd.	1,700	22,893
Valqua, Ltd.	1,000	18,849
Value HR Company, Ltd.	1,200	12,198
ValueCommerce Company, Ltd.	900	20,933
Vector, Inc.	3,100	22,101
Vital KSK Holdings, Inc.	3,500	17,808
VT Holdings Company, Ltd.	6,600	23,433
Wacoal Holdings Corp.	1,900	30,070
Wacom Company, Ltd.	8,000	49,638
Wakachiku Construction Company, Ltd. (B)	900	14,769
Wakita & Company, Ltd.	2,300	20,305
Warabeya Nichiyo Holdings Company, Ltd.	900	11,771
Watahan & Company, Ltd.	600	6,053
WDB Holdings Company, Ltd.	700	11,849
Weathernews, Inc.	300	14,703

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Japan (continued)</b>		
West Holdings Corp. (B)	1,416	\$ 37,970
Will Group, Inc.	1,200	10,179
WingArc1st, Inc.	2,100	24,223
WIN-Partners Company, Ltd.	1,000	7,393
World Company, Ltd.	700	7,059
World Holdings Company, Ltd.	600	9,779
Wowow, Inc.	600	6,659
Xebio Holdings Company, Ltd.	2,800	19,130
Yahagi Construction Company, Ltd.	2,000	11,132
Yaizu Suisankagaku Industry Company, Ltd.	1,100	7,540
YAKUODO Holdings Company, Ltd.	700	10,809
YAMABIKO Corp.	2,400	20,280
YAMADA Consulting Group Company, Ltd.	1,100	8,897
Yamaguchi Financial Group, Inc.	9,600	52,726
Yamaichi Electronics Company, Ltd.	1,700	21,189
YA-MAN, Ltd.	1,700	21,686
Yamato Kogyo Company, Ltd.	2,100	69,401
Yamazen Corp.	3,900	28,553
Yaoko Company, Ltd.	800	35,923
Yasuda Logistics Corp.	1,400	9,593
Yellow Hat, Ltd.	2,000	25,373
Yodogawa Steel Works, Ltd.	1,200	19,932
Yokogawa Bridge Holdings Corp.	2,100	30,223
Yokorei Company, Ltd.	2,900	18,827
Yokowo Company, Ltd.	1,200	18,443
Yomeishu Seizo Company, Ltd.	500	6,559
Yondenko Corp.	1,200	15,655
Yondoshi Holdings, Inc.	1,300	17,387
Yorozu Corp.	1,800	11,758
Yoshinoya Holdings Company, Ltd.	3,300	60,843
Yuasa Trading Company, Ltd.	1,100	27,193
Yukiguni Maitake Company, Ltd.	1,000	6,640
Yurtec Corp.	2,000	10,865
Yushiro Chemical Industry Company, Ltd.	1,100	7,522
Zenrin Company, Ltd.	1,950	13,277
ZERIA Pharmaceutical Company, Ltd.	1,200	18,996
ZIGExN Company, Ltd.	7,000	16,288
		23,529,840
<b>Jersey, Channel Islands - 0.1%</b>		
Breedon Group PLC	27,834	19,265
Centamin PLC	57,981	55,433
JTC PLC (D)	2,993	21,585
		96,283
<b>Liechtenstein - 0.1%</b>		
Liechtensteinische Landesbank AG	726	39,977
VP Bank AG, Class A	188	17,695
		57,672
<b>Luxembourg - 0.6%</b>		
ADLER Group SA (A)(B)(D)	776	3,082
APERAM SA	2,478	68,824
B&S Group Sarl (D)	983	5,153
Befesa SA (D)	1,878	91,540
Global Fashion Group SA (A)	1,789	2,743
Grand City Properties SA	5,978	80,864
IVS Group SA (A)(B)	2,104	10,129
L'Occitane International SA	10,750	33,703
Millicom International Cellular SA (A)(B)	3,330	47,725
RTL Group SA	241	10,095
SES SA	18,745	164,077
Shurgard Self Storage SA	1,086	50,647
Stabilus SE	1,221	60,015

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Luxembourg (continued)</b>		
Sword Group	278	\$ 10,518
		639,115
<b>Macau - 0.0%</b>		
MECOM Power and Construction, Ltd.	58,500	17,660
<b>Malaysia - 0.0%</b>		
Frencken Group, Ltd.	15,400	12,326
<b>Malta - 0.0%</b>		
Catena Media PLC (A)(B)	3,412	10,738
<b>Mauritius - 0.0%</b>		
Capital, Ltd.	9,014	9,272
<b>Netherlands - 2.1%</b>		
Aalberts NV	5,098	197,971
Alfen Beheer BV (A)(D)	1,069	98,289
AMG Advanced Metallurgical Group NV	1,350	34,695
Amsterdam Commodities NV	420	9,938
Arcadis NV	4,173	139,765
ASR Nederland NV	6,907	278,478
Basic-Fit NV (A)(D)	2,099	79,099
BE Semiconductor Industries NV	1,452	69,383
Beter Bed Holding NV	1,056	4,540
Boskalis Westminster	3,567	119,497
Brack Capital Properties NV (A)	230	22,859
Brunel International NV	1,126	12,247
Corbion NV	3,074	92,607
Flow Traders (D)	1,631	46,794
ForFarmers NV (B)	2,398	6,680
Fugro NV (A)	4,034	50,777
Heijmans NV	2,278	25,340
Innoconcepts NV (A)(C)	10,527	0
Intertrust NV (A)(D)	4,292	85,973
Kendrion NV	1,111	18,203
Koninklijke BAM Groep NV (A)	15,496	36,548
Koninklijke Vopak NV	3,073	77,444
Nedap NV	225	14,076
OCI NV	2,846	93,622
Ordina NV	5,537	27,544
PostNL NV (B)	25,057	75,911
PPHE Hotel Group, Ltd. (A)	592	10,669
SBM Offshore NV	6,900	93,452
SIF Holding NV (B)	504	5,537
Signify NV (D)	5,815	191,839
Sligro Food Group NV (A)	1,151	21,773
TKH Group NV	1,730	65,176
TomTom NV (A)(B)	3,258	24,022
Van Lanschot Kempen NV	1,515	35,228
		2,165,976
<b>New Zealand - 0.5%</b>		
Air New Zealand, Ltd. (A)	37,974	13,497
Arvida Group, Ltd.	12,868	11,882
Channel Infrastructure NZ, Ltd. (A)	11,354	8,143
Chorus, Ltd.	15,977	71,953
Delegat Group, Ltd.	1,200	7,801
Freightways, Ltd.	5,543	31,601
Gentrack Group, Ltd. (A)(B)	3,060	2,673
Hallenstein Glasson Holdings, Ltd.	3,354	11,448
Heartland Group Holdings, Ltd.	19,071	22,651
Investore Property, Ltd. (B)	13,816	13,710
KMD Brands, Ltd.	25,838	17,707
Manawa Energy, Ltd. (B)	1,665	6,213
NZME, Ltd. (B)	13,259	10,514
NZX, Ltd. (B)	15,827	12,139
Oceania Healthcare, Ltd.	40,277	23,340
Pacific Edge, Ltd. (A)	27,936	11,894
PGG Wrightson, Ltd.	819	2,242

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>New Zealand (continued)</b>		
Pushpay Holdings, Ltd. (A)	16,847	\$ 13,305
Restaurant Brands New Zealand, Ltd.	886	5,985
Sanford, Ltd. (A)	2,767	7,101
Scales Corp., Ltd.	5,176	14,026
Serko, Ltd. (A)	2,827	6,531
Skellerup Holdings, Ltd.	7,637	25,227
SKY Network Television, Ltd. (A)	7,518	11,095
SKYCITY Entertainment Group, Ltd.	26,675	48,469
Summerset Group Holdings, Ltd.	3,560	21,326
Synlait Milk, Ltd. (A)	5,495	10,693
The Warehouse Group, Ltd.	9,894	20,871
Tourism Holdings, Ltd. (A)	6,508	9,433
TOWER, Ltd.	11,445	4,657
Vista Group International, Ltd. (A)	7,682	8,140
		486,267
<b>Norway - 1.0%</b>		
ABG Sundal Collier Holding ASA	24,237	14,535
Akastor ASA	6,104	5,167
Aker Solutions ASA	18,496	50,175
American Shipping Company ASA (A)	1,661	6,947
ArcticZymes Technologies ASA (A)	962	7,765
Atea ASA (A)	3,574	37,275
Axactor ASA (A)	14,729	8,913
B2Holding ASA	23,929	18,448
Belships ASA	10,010	20,251
Bonheur ASA	1,411	51,440
Borregaard ASA	632	10,331
Bouvet ASA	1,310	7,861
BW Offshore, Ltd.	4,568	12,383
Crayon Group Holding ASA (A)(D)	1,229	15,757
DNO ASA	36,835	51,132
Elmera Group ASA (D)	3,193	6,495
Europris ASA (D)	8,327	39,088
FLEX LNG, Ltd.	1,570	43,935
Frontline, Ltd. (A)	5,015	45,000
Golden Ocean Group, Ltd.	4,170	49,310
Grieg Seafood ASA	2,264	32,456
Hexagon Composites ASA (A)	6,450	17,832
IDEX Biometrics ASA (A)	19,564	2,349
Kid ASA (D)	1,128	9,594
Kitron ASA	9,158	16,395
Medistim ASA	352	10,075
MPC Container Ships ASA	15,398	30,714
Multiconsult ASA (D)	554	7,324
Nordic Nanovector ASA (A)	2,098	541
Norway Royal Salmon ASA (A)(B)	1,038	26,517
Norwegian Energy Company ASA (A)	656	22,522
Odfjell Drilling, Ltd. (A)	4,970	11,724
Otello Corp. ASA (A)	33	84
Pareto Bank ASA	1,457	7,024
PGS ASA (A)(B)	19,660	13,198
PhotoCure ASA (A)	2,625	27,402
PoLight ASA (A)(D)	2,610	6,273
Protector Forsikring ASA	4,177	43,390
Self Storage Group ASA (A)	2,940	9,003
Selvaag Bolig ASA	1,842	6,652
Sparebank 1 Oestlandet	758	9,089
SpareBank 1 Sorost-Norge	4,392	23,359
Sparebanken More	1,230	9,304
TGS ASA	3,905	54,827
Treasure ASA	3,110	5,030
Ultimovacs ASA (A)	584	4,182
Veidekke ASA	6,168	56,274
Wilh Wilhelmsen Holding ASA, Class A	862	19,796

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Norway (continued)</b>		
XXL ASA (D)	4,462	\$ 2,693
		987,831
<b>Peru - 0.0%</b>		
Hochschild Mining PLC	16,530	19,449
<b>Portugal - 0.4%</b>		
Altri SGPS SA	6,511	43,449
Banco Comercial Portugues SA	454,458	78,517
Corticeira Amorim SGPS SA	896	9,902
CTT-Correios de Portugal SA	8,914	29,158
Greenvolt-Energias Renovaveis SA (A)	1,473	11,333
Mota-Engil SGPS SA (B)	5,636	7,219
NOS SGPS SA	13,982	56,185
REN - Redes Energeticas Nacionais SGPS SA	21,605	65,043
Sonae SGPS SA	56,969	69,903
The Navigator Company SA	12,847	51,641
		422,350
<b>Singapore - 1.2%</b>		
Accordia Golf Trust (C)	40,300	0
AEM Holdings, Ltd.	9,100	27,156
Ascendas India Trust	45,100	38,007
Banyan Tree Holdings, Ltd. (A)	19,800	3,705
Best World International, Ltd. (A)(C)	3,974	3,890
BOC Aviation, Ltd. (D)	6,100	51,573
Boustead Projects, Ltd.	3,000	1,943
Boustead Singapore, Ltd.	10,000	6,870
Bukit Sembawang Estates, Ltd.	11,000	39,136
BW Energy, Ltd. (A)	972	2,514
BW LPG, Ltd. (D)	4,059	30,158
China Aviation Oil Singapore Corp., Ltd.	14,400	9,073
Chip Eng Seng Corp., Ltd.	33,000	12,946
ComfortDelGro Corp., Ltd.	65,700	66,235
COSCO Shipping International Singapore Company, Ltd. (A)	58,900	7,915
CSE Global, Ltd.	34,000	11,379
Delfi, Ltd.	21,900	11,820
Ezion Holdings, Ltd. (A)(C)	131,300	4,064
Far East Orchard, Ltd.	5,140	3,957
First Resources, Ltd.	19,300	22,687
Fraser and Neave, Ltd.	8,600	8,159
Gallant Venture, Ltd. (A)	71,000	6,488
Golden Agri-Resources, Ltd.	183,600	33,051
Golden Energy & Resources, Ltd. (A)	45,100	14,592
GuocoLand, Ltd.	10,400	11,835
Halcyon Agri Corp., Ltd. (A)	4,293	650
Haw Par Corp., Ltd.	4,700	37,174
Ho Bee Land, Ltd.	11,400	22,742
Hong Fok Corp., Ltd.	20,100	13,970
Hong Leong Finance, Ltd.	12,900	22,484
Hyflux, Ltd. (A)	24,000	50
iFAST Corp., Ltd.	7,000	20,867
IGG, Inc.	38,000	16,499
Indofood Agri Resources, Ltd.	25,000	5,658
Japfa, Ltd.	22,700	9,734
Kenon Holdings, Ltd.	1,156	46,708
Keppel Infrastructure Trust	157,190	64,564
Metro Holdings, Ltd.	31,600	17,169
Midas Holdings, Ltd. (A)(C)	86,000	10,102
Nanofilm Technologies International, Ltd.	6,500	10,910
NetLink NBN Trust	50,100	34,985
Oceanus Group, Ltd. (A)	1,035,500	12,684
OM Holdings, Ltd.	10,791	5,660
OUE, Ltd.	11,100	10,225
Oxley Holdings, Ltd.	27,222	3,311

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Singapore (continued)</b>		
Raffles Medical Group, Ltd.	35,758	\$ 28,831
SATS, Ltd. (A)	18,900	53,027
SBS Transit, Ltd.	5,000	10,258
Sembcorp Marine, Ltd. (A)	510,500	39,684
Sheng Siong Group, Ltd.	29,900	32,715
SIA Engineering Company, Ltd. (A)	12,800	22,481
SIIC Environment Holdings, Ltd.	35,800	5,529
Sinarmas Land, Ltd.	94,200	13,360
Singapore Land Group, Ltd.	7,100	13,045
Singapore Post, Ltd.	66,100	30,935
SPH REIT	51,612	34,746
Stamford Land Corp., Ltd.	112,100	31,508
StarHub, Ltd.	25,600	22,679
Straits Trading Company, Ltd.	1,200	2,472
Swiber Holdings, Ltd. (A)(C)	15,000	706
The Hour Glass, Ltd.	10,100	16,877
Thomson Medical Group, Ltd.	212,000	12,049
UMS Holdings, Ltd.	17,500	13,998
UOB-Kay Hian Holdings, Ltd.	15,918	16,488
Wing Tai Holdings, Ltd.	21,205	26,571
XP Power, Ltd.	824	28,656
Yeo Hiap Seng, Ltd.	1,129	679
		1,252,593
<b>South Africa - 0.2%</b>		
Investec PLC	19,554	106,479
Mediclinic International PLC (A)	22,882	128,053
		234,532
<b>Spain - 2.4%</b>		
Acerinox SA	9,313	90,425
Aedas Homes SA (D)	426	9,532
Alantra Partners SA	1,181	16,791
Almirall SA	4,221	46,947
Amper SA (A)	82,546	17,586
Applus Services SA	6,225	43,133
Atresmedia Corp. de Medios de Comunicacion SA	6,046	20,965
Banco de Sabadell SA	287,776	230,745
Bankinter SA	30,509	190,830
Caja de Ahorros del Mediterraneo (A)(C)	5,428	0
Cia de Distribucion Integral Logista Holdings SA	3,649	71,504
CIE Automotive SA	2,718	67,684
Construcciones y Auxiliar de Ferrocarriles SA	1,139	33,627
Distribuidora Internacional de Alimentacion SA (A)	1,566,729	21,427
Ebro Foods SA	3,323	56,180
eDreams ODIGEO SA (A)	4,905	26,711
Elecnor SA	2,026	23,279
Enagas SA	11,699	258,743
Ence Energia y Celulosa SA	6,294	21,613
Ercros SA	5,006	19,801
Faes Farma SA	16,334	66,616
Fluidra SA	2,959	60,207
Fomento de Construcciones y Contratas SA	2,366	23,411
Gestamp Automocion SA (D)	7,287	25,443
Global Dominion Access SA (D)	5,439	23,671
Grupo Catalana Occidente SA	2,346	73,331
Grupo Empresarial San Jose SA	2,194	9,147
Iberpapel Gestion SA	65	963
Indra Sistemas SA (A)	6,017	57,622
Laboratorios Farmaceuticos Rovi SA	987	60,449
Linea Directa Aseguradora SA Cia de Seguros y Reaseguros	27,501	36,298

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Spain (continued)</b>		
Mapfre SA	47,388	\$ 83,800
Mediaset Espana Comunicacion SA (A)	7,779	32,064
Melia Hotels International SA (A)	8,843	56,444
Miquel y Costas & Miquel SA	2,010	27,536
Neinor Homes SA (A)(D)	1,978	24,839
Obrascon Huarte Lain SA (A)	19,608	12,110
Pharma Mar SA (A)	712	50,343
Promotora de Informaciones SA, Class A (A)	11,711	6,229
Prosegur Cash SA (D)	35,886	23,382
Prosegur Cia de Seguridad SA	10,114	17,933
Realia Business SA (A)	17,710	17,433
Sacyr SA	23,307	56,184
Solaria Energia y Medio Ambiente SA (A)	4,469	95,238
Talgo SA (D)	4,803	16,166
Tecnicas Reunidas SA (A)	830	6,148
Tubacex SA (A)	6,252	15,317
Unicaja Banco SA (D)	62,819	61,649
Vidrala SA	827	60,075
Viscofan SA	1,837	101,349
		2,468,920
<b>Sweden - 2.7%</b>		
AcadeMedia AB (D)	3,665	16,370
AddNode Group AB	5,860	47,773
AFRY AB	967	13,330
Alimak Group AB (D)	2,141	16,180
Alligo AB, Class B	2,270	22,087
Ambea AB (D)	5,569	25,562
Annehem Fastigheter AB, B Shares (A)	1,155	2,544
AQ Group AB (B)	291	7,740
Arise AB (A)	2,614	10,762
Arjo AB, B Shares	10,690	67,691
Atrium Ljungberg AB, B Shares	2,105	27,583
Attendo AB (A)(D)	5,286	11,438
Balco Group AB	665	4,621
Beijer Alma AB	2,393	39,566
Bergman & Beving AB	2,270	23,807
Betsson AB, B Shares (A)	5,105	30,853
BHG Group AB (A)(B)	2,406	7,650
Bilia AB, A Shares	3,960	57,147
BioGaia AB, B Shares	1,400	14,245
BioInvent International AB (A)	2,250	9,929
Biotage AB	2,541	45,224
Bonava AB, B Shares	3,323	9,672
Boozt AB (A)(D)	993	6,568
Bravida Holding AB (D)	8,934	77,871
BTS Group AB, B Shares	346	10,398
Bufab AB	1,460	38,000
Bulten AB (B)	717	4,504
Bure Equity AB	1,211	24,281
Byggmax Group AB	5,363	27,903
Calliditas Therapeutics AB, B Shares (A)	1,333	12,068
Careium AB (A)	2,295	2,828
Catella AB	2,217	7,344
Catena AB	1,429	51,717
Cellavision AB	540	17,929
Cibus Nordic Real Estate AB	483	7,474
Clas Ohlson AB, B Shares	3,185	33,022
Cloetta AB, B Shares	10,640	21,856
Collector AB (A)	6,015	18,223
Coor Service Management Holding AB (D)	3,735	29,351
Corem Property Group AB, B Shares	14,214	15,973
Dios Fastigheter AB	3,582	24,984
Doro AB (A)	2,295	4,083
Duni AB (A)	2,559	20,428

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Sweden (continued)</b>		
Dustin Group AB (D)	4,979	\$ 28,505
Elanders AB, B Shares	1,468	17,209
Electrolux Professional AB, B Shares	6,926	37,314
Enea AB (A)(B)	1,522	17,315
Fagerhult AB	4,609	20,546
Fastighets AB Trianon	1,452	3,222
FastPartner AB, A Shares	2,697	15,645
FastPartner AB, D Shares	84	475
Ferronordic AB (A)	318	989
Fingerprint Cards AB, B Shares (A)(B)	12,246	10,706
G5 Entertainment AB	330	6,146
GARO AB	1,075	13,723
Granges AB	7,040	52,887
Green Landscaping Group AB (A)(D)	1,593	10,368
Hallex AB (A)	3,364	21,599
Heba Fastighets AB, Class B	4,570	18,689
HMS Networks AB	1,205	51,512
Hoist Finance AB (A)(D)	2,083	5,676
Humana AB (A)	2,641	11,563
Instalco AB	7,730	32,159
Inwido AB	3,126	34,460
JM AB	2,484	41,278
John Mattson Fastighetsforetagen AB (A)	1,067	9,213
Karnov Group AB (A)	3,501	20,918
K-fast Holding AB (A)	1,142	2,279
KNOW IT AB	1,459	40,827
Lagercrantz Group AB, B Shares	10,111	82,216
LeoVegas AB (D)	7,599	45,040
Lime Technologies AB	558	12,272
Lindab International AB	4,565	66,405
Loomis AB	2,786	68,055
Mekonomen AB	2,150	23,258
MIPS AB (B)	1,182	51,905
Modern Times Group MTG AB, B Shares (A)(B)	5,362	43,204
Momentum Group AB (A)	2,270	13,314
Munters Group AB (D)	5,993	34,935
Mycronic AB	2,326	32,770
NCAB Group AB	4,318	21,815
NCC AB, B Shares	3,723	37,578
Nederman Holding AB	887	13,408
Nelly Group AB (A)	611	880
Net Insight AB, B Shares (A)	16,550	5,914
New Wave Group AB, B Shares	4,353	58,208
Nobia AB	6,676	17,976
Nolato AB, B Shares	6,748	36,380
Nordic Waterproofing Holding AB	2,002	27,479
Note AB (A)	776	14,747
NP3 Fastigheter AB	1,683	33,277
Nyfosa AB	8,562	64,257
OEM International AB, B Shares	4,726	30,253
Platzter Fastigheter Holding AB, Series B	3,454	22,414
Pricer AB, B Shares	7,930	11,977
Proact IT Group AB	1,428	9,530
Ratos AB, B Shares	14,845	63,359
RaySearch Laboratories AB (A)	2,452	13,060
Resurs Holding AB (D)	6,236	12,405
Scandi Standard AB (A)(B)	4,648	16,650
Scandic Hotels Group AB (A)(B)(D)	5,932	23,023
Sdiptech AB, Class B (A)	279	6,467
Sensys Gatso Group AB (A)	23,414	2,358
SkiStar AB	2,041	27,687
Solid Forsakring AB (A)	623	2,434
Stendorren Fastigheter AB (A)	1,288	19,591
Stillfront Group AB (A)	8,949	19,867



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Sweden (continued)</b>		
Systemair AB	6,526	\$ 31,798
Tethys Oil AB	2,334	14,476
Trox Group AB	1,308	22,730
VBG Group AB, B Shares	630	7,246
Vitec Software Group AB, B Shares	1,147	49,730
Volati AB	786	9,806
XANO Industri AB, Class B	694	8,633
		2,724,589
<b>Switzerland - 6.9%</b>		
Allreal Holding AG	799	132,210
ALSO Holding AG (A)	324	63,905
APG SGA SA	84	15,509
Arbonia AG	2,962	39,433
Aryzta AG (A)	57,916	64,282
Ascom Holding AG	1,310	9,210
Autoneum Holding AG	221	20,982
Baloise Holding AG	1,234	201,998
Banque Cantonale de Geneve, Bearer Shares	142	25,742
Banque Cantonale Vaudoise	1,309	102,872
Belimo Holding AG	544	191,531
Bell Food Group AG	138	36,488
Bellevue Group AG	467	15,822
Berner Kantonalbank AG	242	54,787
BKW AG	1,096	114,666
Bobst Group SA	632	40,673
Bossard Holding AG, Class A	310	60,147
Bucher Industries AG	344	120,072
Burckhardt Compression Holding AG	187	78,679
Burkhalter Holding AG	218	17,193
Bystronic AG	74	53,980
Calida Holding AG	285	12,176
Carlo Gavazzi Holding AG, Bearer Shares	38	11,517
Cembra Money Bank AG	1,587	113,757
Cie Financiere Tradition SA, Bearer Shares	104	11,446
Clariant AG (A)	11,376	216,921
Coltene Holding AG (A)	198	17,075
Comet Holding AG	339	53,450
Daetwyler Holding AG, Bearer Shares	281	58,122
DKSH Holding AG	2,003	165,735
dormakaba Holding AG	140	61,100
Dufry AG (A)	3,501	113,607
EFG International AG (A)	4,687	34,510
Emmi AG	107	104,490
Energiedienst Holding AG	979	40,980
Evolva Holding SA (A)	72,989	6,805
Feintool International Holding AG	426	8,382
Fenix Outdoor International AG	225	19,470
Ferrexpo PLC	17,361	27,693
Flughafen Zurich AG (A)	1,215	184,103
Forbo Holding AG	58	77,501
Fundamenta Real Estate AG (A)	1,563	28,220
Galenica AG (D)	2,482	190,932
GAM Holding AG (A)(B)	11,204	9,283
Georg Fischer AG	4,400	217,310
Gurit Holding AG, Bearer Shares	220	23,484
Helvetia Holding AG	2,037	239,232
Hiag Immobilien Holding AG	325	28,584
HOCHDORF Holding AG (A)	16	625
Huber + Suhner AG	697	55,596
Hypothekarbank Lenzburg AG	3	12,752
Implenia AG (A)	994	22,795
Ina Invest Holding AG (A)	199	3,971
Inficon Holding AG	92	72,535
Interroll Holding AG	35	78,601

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Switzerland (continued)</b>		
Intershop Holding AG	76	\$ 49,195
Investis Holding SA	98	10,523
IWG PLC (A)	35,585	81,477
Jungfraubahn Holding AG (A)	269	36,100
Kardex Holding AG	299	49,856
Komax Holding AG	221	54,290
Kongsberg Automotive ASA (A)	23,611	5,777
Kudelski SA, Bearer Shares (B)	2,497	6,559
Landis+Gyr Group AG (A)	1,111	58,307
LEM Holding SA	29	55,380
Luzerner Kantonalbank AG	207	89,959
Medacta Group SA (D)	218	20,808
medmix AG (D)	877	19,390
Metall Zug AG, B Shares	12	24,016
Mobilezone Holding AG	2,336	40,834
Mobimo Holding AG	458	111,451
Novavest Real Estate AG (A)	212	9,601
OC Oerlikon Corp. AG	9,769	68,204
Orascom Development Holding AG (A)	533	4,074
Orior AG	425	35,590
Peach Property Group AG (A)	212	7,850
Phoenix Mecano AG, Bearer Shares	38	14,312
Plazza AG, Class A	68	23,254
PSP Swiss Property AG	2,466	274,550
Rieter Holding AG	251	29,050
Romande Energie Holding SA	34	41,649
Schaffner Holding AG	40	12,151
Schweiter Technologies AG, Bearer Shares	48	45,513
Sensirion Holding AG (A)(D)	592	60,133
SFS Group AG	1,460	148,139
Siegfried Holding AG (A)	192	122,961
SIG Group AG (A)	5,282	116,637
Softwareone Holding AG (A)	2,412	28,914
St. Galler Kantonalbank AG, Class A	152	69,938
Sulzer AG	1,049	65,386
Swiss Prime Site AG	2,193	192,686
Swiss Steel Holding AG (A)	39,436	9,843
Swissquote Group Holding SA	465	47,427
Tecan Group AG	380	110,652
Temenos AG	1,128	96,534
TX Group AG	201	24,255
u-blox Holding AG (A)	431	43,756
Valiant Holding AG	835	73,460
Valora Holding AG	244	42,262
VAT Group AG (D)	705	168,605
Vaudoise Assurances Holding SA	64	27,261
Vetropack Holding AG	500	20,713
Vifor Pharma AG	1,287	223,012
Von Roll Holding AG, Bearer Shares (A)(B)	7,878	6,522
Vontobel Holding AG	1,521	106,871
VZ Holding AG	685	49,759
V-ZUG Holding AG (A)	120	11,187
Walliser Kantonalbank	203	23,509
Warteck Invest AG	8	18,278
Ypsomed Holding AG	77	10,459
Zehnder Group AG	615	36,401
Zug Estates Holding AG, B Shares	16	33,343
Zuger Kantonalbank AG, Bearer Shares	9	67,372
		7,118,936
<b>Taiwan - 0.0%</b>		
FIT Hon Teng, Ltd. (A)(D)	49,000	6,689
Ya Hsin Industrial Company, Ltd. (A)(C)	138,000	0
		6,689

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Arab Emirates - 0.0%</b>		
Borr Drilling, Ltd. (A)	1,712	\$ 7,892
Lamprell PLC (A)	11,610	1,236
Shelf Drilling, Ltd. (A)(D)	10,196	12,914
		22,042
<b>United Kingdom - 11.5%</b>		
4imprint Group PLC	1,523	42,955
A.G. Barr PLC	4,718	29,803
Accesso Technology Group PLC (A)	2,349	17,648
Advanced Medical Solutions Group PLC	11,814	42,397
Airtel Africa PLC (D)	23,588	39,186
AJ Bell PLC	11,487	37,473
Alfa Financial Software Holdings PLC (D)	4,048	7,389
Alliance Pharma PLC	24,062	33,363
Anglo Pacific Group PLC	12,147	21,382
Anglo-Eastern Plantations PLC	1,225	12,025
AO World PLC (A)	8,013	6,759
Ascential PLC (A)	20,806	65,636
Ashmore Group PLC	15,764	42,643
Aston Martin Lagonda Global Holdings PLC (A)(D)	878	4,741
Avon Protection PLC	1,565	18,709
Babcock International Group PLC (A)	22,879	86,369
Bakkavor Group PLC (D)	5,579	6,332
Balfour Beatty PLC	34,581	107,492
Beazley PLC	32,052	195,435
Begbies Traynor Group PLC	6,626	11,424
Bellway PLC	4,065	106,878
Biffa PLC (D)	17,147	78,206
Bloomsbury Publishing PLC	4,265	19,826
Bodycote PLC	9,417	60,598
Boohoo Group PLC (A)	3,748	2,524
Braemar Shipping Services PLC	1,328	4,049
Brewin Dolphin Holdings PLC	15,066	93,982
Britvic PLC	13,590	134,707
Bytes Technology Group PLC	8,409	42,791
Capita PLC (A)	67,697	21,034
Capricorn Energy PLC (A)	24,079	64,011
Card Factory PLC (A)	14,688	8,227
CareTech Holdings PLC	4,102	36,876
Carillion PLC (A)(C)	35,521	4,147
Carr's Group PLC	6,569	10,998
Cazoo Group, Ltd. (A)	4,506	3,244
Central Asia Metals PLC	8,189	22,089
CentralNic Group PLC (A)	10,289	14,601
Centrica PLC (A)	208,824	203,925
Chemring Group PLC	13,921	53,536
Chesnara PLC	7,709	26,365
Circassia Group PLC (A)	9,034	3,794
Clarkson PLC	1,348	49,215
Close Brothers Group PLC	8,356	105,039
CMC Markets PLC (D)	7,009	23,407
Coats Group PLC	56,475	42,900
Cohort PLC	1,758	10,360
Computacenter PLC	3,949	113,088
Concentric AB	2,526	43,890
ContourGlobal PLC (D)	8,862	27,245
Costain Group PLC (A)	4,797	2,016
Countryside Partnerships PLC (A)(D)	23,711	71,884
Cranswick PLC	2,760	103,357
Crest Nicholson Holdings PLC	13,693	40,831
Currys PLC	70,297	58,441
CVS Group PLC	2,750	55,590
De La Rue PLC (A)	10,028	9,598
Debenhams PLC (A)(C)	76,182	0
Devro PLC	12,253	27,530

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
DFS Furniture PLC	12,509	\$ 23,756
Dialight PLC (A)	105	384
Dignity PLC (A)	3,439	16,927
Diploma PLC	5,220	142,165
DiscoverIE Group PLC	5,627	42,405
Domino's Pizza Group PLC	21,324	72,678
dotdigital Group PLC	12,814	10,856
Drax Group PLC	21,413	168,082
Dunelm Group PLC	5,320	53,121
DWF Group PLC (D)	14,677	16,181
EKF Diagnostics Holdings PLC	8,242	3,215
Elementis PLC (A)	35,393	42,397
EMIS Group PLC	3,714	84,388
Energiean PLC (A)	4,619	61,791
EnQuest PLC (A)	115,537	33,287
Ergomed PLC (A)	2,357	29,162
Esken, Ltd. (A)	25,251	2,901
Essentra PLC	14,966	45,363
Euromoney Institutional Investor PLC	5,478	89,761
FD Technologies PLC (A)	732	17,492
FDM Group Holdings PLC	3,208	33,555
Fevertree Drinks PLC	4,244	63,198
Firstgroup PLC (A)	30,006	46,685
Forterra PLC (D)	10,957	35,681
Foxtons Group PLC	23,551	9,428
Frasers Group PLC (A)	9,750	79,332
Frontier Developments PLC (A)	532	8,863
Fuller Smith & Turner PLC, Class A	1,525	11,134
Funding Circle Holdings PLC (A)(D)	3,849	2,664
Galliford Try Holdings PLC	5,675	11,802
Games Workshop Group PLC	1,582	128,793
Gamma Communications PLC	1,848	24,210
GB Group PLC	2,086	10,171
Gem Diamonds, Ltd.	12,666	6,354
Genel Energy PLC	4,784	8,153
Genuit Group PLC	12,035	56,207
Genus PLC	250	7,647
Grainger PLC	32,768	112,282
Greggs PLC	4,752	105,227
Gulf Keystone Petroleum, Ltd.	11,237	35,553
Halfords Group PLC	15,547	27,137
Harworth Group PLC	813	1,462
Hays PLC	77,290	105,701
Headlam Group PLC	6,602	24,002
Helical PLC	6,424	29,131
Helios Towers PLC (A)	21,114	31,202
Henry Boot PLC	5,301	18,773
Hill & Smith Holdings PLC	4,214	59,376
Hilton Food Group PLC	3,061	38,134
Hollywood Bowl Group PLC	8,153	20,574
HomeServe PLC	5,509	78,876
Hunting PLC	8,331	22,059
Hyve Group PLC (A)	12,149	10,938
Ibstock PLC (D)	19,043	38,366
IDOX PLC	10,437	7,438
IG Group Holdings PLC	11,388	96,115
IMI PLC	2,834	40,647
Impax Asset Management Group PLC	4,165	30,571
Inchcape PLC	18,703	158,938
Indivior PLC (A)	36,002	135,724
IntegraFin Holdings PLC	9,972	27,410
International Personal Finance PLC	12,526	11,653
iomart Group PLC	2,265	4,782
IP Group PLC	38,897	33,296
IQE PLC (A)	9,568	4,007

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
J.D. Wetherspoon PLC (A)	4,332	\$ 32,952
James Fisher & Sons PLC (A)	2,814	10,012
James Halstead PLC	11,052	27,381
JET2 PLC (A)	6,865	75,808
John Menzies PLC (A)	3,549	25,891
John Wood Group PLC (A)	34,072	64,688
Johnson Service Group PLC (A)	14,257	17,283
Jupiter Fund Management PLC	22,824	41,051
Just Group PLC	56,562	49,241
Kainos Group PLC	4,099	55,648
Keller Group PLC	4,206	37,093
Kier Group PLC (A)	22,531	18,602
Kin & Carta PLC (A)	11,305	24,225
Knights Group Holdings PLC	2,269	2,375
Lancashire Holdings, Ltd.	11,586	56,940
Learning Technologies Group PLC	21,193	28,919
Liontrust Asset Management PLC	2,411	26,836
Lookers PLC	22,449	20,396
LSL Property Services PLC	6,404	26,151
Luceco PLC (D)	1,922	2,404
M&C Saatchi PLC (A)	253	494
Macfarlane Group PLC	6,288	8,794
Man Group PLC	73,477	224,306
Marks & Spencer Group PLC (A)	55,905	92,748
Marshalls PLC	11,740	64,119
Marston's PLC (A)	37,566	23,651
McBride PLC (A)	14,770	2,782
Mears Group PLC	8,289	19,168
Medica Group PLC	4,479	8,176
Meggitt PLC (A)	21,288	204,621
Metro Bank PLC (A)	9,741	9,133
Micro Focus International PLC	16,735	56,946
Midwich Group PLC	1,185	8,470
Mitchells & Butlers PLC (A)	16,776	37,832
Mitie Group PLC	68,528	47,073
MJ Gleeson PLC	2,770	17,326
Moneysupermarket.com Group PLC	27,587	58,401
Moonpig Group PLC (A)	4,212	11,575
Morgan Advanced Materials PLC	14,263	47,692
Morgan Sindall Group PLC	2,381	52,803
Mortgage Advice Bureau Holdings, Ltd.	1,276	14,036
MP Evans Group PLC	203	2,193
N. Brown Group PLC (A)	9,633	2,779
National Express Group PLC (A)	28,347	67,311
NCC Group PLC	17,294	39,427
Next Fifteen Communications Group PLC	3,756	41,058
Ninety One PLC	19,563	47,203
Norcros PLC	6,666	18,896
Numis Corp. PLC	2,926	8,947
Odfjell Technology, Ltd. (A)	828	1,715
On the Beach Group PLC (A)(D)	5,451	9,474
OSB Group PLC	18,542	108,971
Oxford Biomedica PLC (A)	1,730	9,593
Oxford Instruments PLC	2,839	69,076
Pagegroup PLC	17,115	83,830
Pan African Resources PLC	85,815	21,845
Paragon Banking Group PLC	13,704	81,783
PayPoint PLC	4,705	32,282
Pendragon PLC (A)	102,667	26,370
Pennon Group PLC	12,734	148,175
Petrofac, Ltd. (A)	28,442	38,888
Pets at Home Group PLC	24,400	91,841
Pharos Energy PLC (A)	16,636	4,447
Photo-Me International PLC	18,684	17,524
Polar Capital Holdings PLC	3,830	23,677

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
Porvair PLC	2,468	\$ 16,299
Premier Foods PLC	41,106	56,278
Provident Financial PLC	13,396	32,627
Purplebricks Group PLC (A)	7,294	1,299
PZ Cussons PLC	13,141	31,581
QinetiQ Group PLC	27,714	123,950
Quilter PLC (D)	72,844	91,299
Rank Group PLC (A)	7,303	7,635
Rathbones Group PLC	3,523	83,414
Reach PLC	25,143	30,872
Redcentric PLC	5,876	8,813
Redde Northgate PLC	14,424	59,251
Redrow PLC	14,867	88,761
Renew Holdings PLC	4,150	32,351
Renewi PLC (A)	5,276	46,581
Renishaw PLC	1,208	52,610
Ricardo PLC	2,982	13,095
RM PLC	8,752	12,000
Robert Walters PLC	4,693	26,997
Rotork PLC	43,727	128,453
Royal Mail PLC	7,711	25,473
RPS Group PLC	15,418	19,472
RWS Holdings PLC	1,824	7,698
S&U PLC	303	7,500
Sabre Insurance Group PLC (D)	5,914	14,767
Saga PLC (A)	4,637	10,060
Savannah Energy PLC (A)	53,744	22,914
Savills PLC	7,351	90,639
Senior PLC (A)	21,835	30,886
Serco Group PLC	34,619	73,425
Serica Energy PLC	8,374	29,019
Severfield PLC	11,941	9,031
SIG PLC (A)	64,105	23,283
Smart Metering Systems PLC	5,253	52,401
Softcat PLC	5,700	91,754
Spectris PLC	4,622	153,125
Speedy Hire PLC	24,369	12,915
Spire Healthcare Group PLC (A)(D)	18,774	53,686
Spirit Communications PLC	33,589	100,907
Sportech PLC	4,748	1,431
SSP Group PLC (A)	32,521	92,324
SThree PLC	8,144	35,256
Stolt-Nielsen, Ltd.	2,414	51,155
Studio Retail Group PLC (A)(C)	8,139	11,394
STV Group PLC	2,712	9,867
Superdry PLC (A)	3,110	5,111
Synthomer PLC	17,828	48,905
Tate & Lyle PLC	19,841	181,826
Tatton Asset Management PLC	1,955	9,083
Ted Baker PLC (A)	2,896	2,687
Telecom Plus PLC	3,652	87,108
The Go-Ahead Group PLC (A)	3,096	59,817
The Gym Group PLC (A)(D)	5,959	13,793
The Restaurant Group PLC (A)	30,769	16,770
The Vitec Group PLC	2,842	45,629
THG PLC (A)	6,472	6,498
TI Fluid Systems PLC (D)	1,686	3,115
Topps Tiles PLC	15,591	7,436
TORM PLC, Class A (A)	1,596	21,580
TP ICAP Group PLC	45,423	61,971
Travis Perkins PLC	12,177	144,336
Treatt PLC	2,204	20,376
Trifast PLC	7,237	8,451
TT Electronics PLC	14,769	31,616
Tullow Oil PLC (A)(B)	72,437	41,543

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>United Kingdom (continued)</b>		
Tyman PLC	9,005	\$ 26,117
Ultra Electronics Holdings PLC	3,309	139,461
Verici Dx PLC (A)	165	46
Vertu Motors PLC	13,548	8,952
Vesuvius PLC	12,719	47,227
Victrex PLC	4,079	88,947
Virgin Money UK PLC	52,278	83,766
Vistry Group PLC	11,609	118,241
Vivo Energy PLC (D)	12,282	21,815
Volex PLC	3,136	9,179
Volution Group PLC	6,978	28,492
Vp PLC	637	6,631
Watches of Switzerland Group PLC (A)(D)	10,654	100,962
Watkin Jones PLC	10,502	28,217
WH Smith PLC (A)	6,346	109,084
Wickes Group PLC	13,094	26,274
Wilmington PLC	8,076	22,628
Wincanton PLC	8,498	36,063
Xaar PLC (A)	5,629	12,540
XPS Pensions Group PLC	5,857	9,315
Young & Company's Brewery PLC, Class A	1,224	16,918
Zotefoams PLC	1,549	5,132
		11,829,076
<b>United States - 0.8%</b>		
Argonaut Gold, Inc. (A)(B)	16,734	5,850
Atlantic Sapphire ASA (A)(B)	1,333	2,631
Burford Capital, Ltd.	9,873	96,801
Diversified Energy Company PLC	30,857	41,980
Energy Fuels, Inc. (A)	730	3,596
Frontage Holdings Corp. (A)(D)	14,000	5,600
GXO Logistics, Inc. (A)	67	2,899
Invesque, Inc. (A)(B)	2,000	2,460
Perpetua Resources Corp. (A)	3,000	9,882
Primo Water Corp.	1,600	21,408
Primo Water Corp. (Toronto Stock Exchange)	6,607	88,234
PureTech Health PLC (A)	9,879	20,592
REC Silicon ASA (A)	27,505	43,165
Reliance Worldwide Corp., Ltd.	31,340	87,581
RTW Venture Fund, Ltd. (A)	16,094	15,571
Samsonite International SA (A)(D)	26,400	52,498
Sims, Ltd.	9,104	86,531
SSR Mining, Inc. (B)	10,507	175,498
SunOpta, Inc. (A)	5,608	43,350
Viemed Healthcare, Inc. (A)	2,600	13,988
		820,115
<b>TOTAL COMMON STOCKS (Cost \$122,407,101)</b>		<b>\$ 100,874,387</b>
<b>PREFERRED SECURITIES - 0.2%</b>		
<b>Germany - 0.2%</b>		
Draegerwerk AG & Company KGaA	565	29,527
Fuchs Petrolub SE	3,011	84,238
Jungheinrich AG	2,336	51,253
Sixt SE	838	52,598
STO SE & Company KGaA	163	23,938
Villeroy & Boch AG	625	11,399
		252,953
<b>TOTAL PREFERRED SECURITIES (Cost \$310,131)</b>		<b>\$ 252,953</b>

## International Small Company Trust (continued)

	Shares or Principal Amount	Value
<b>RIGHTS - 0.0%</b>		
BWX, Ltd. (Expiration Date: 7-14-22; Strike Price: AUD 0.60) (A)	872	\$ 24
Cooper Energy, Ltd. (Expiration Date: 7-8-22; Strike Price: AUD 0.25) (A)	39,302	0
Fomento de Construcciones y Contratas SA (Expiration Date: 7-6-22) (A)(E)	2,366	850
Greenvolt-Energias Renovaveis SA (Expiration Date: 7-6-22; Strike Price: EUR 5.62) (A)	1,473	391
Intercell AG (A)(B)(C)(E)	3,233	0
Saipem SpA (Expiration Date: 7-12-22; Strike Price: EUR 1.01) (A)	636	840
<b>TOTAL RIGHTS (Cost \$134,917)</b>		<b>\$ 2,105</b>
<b>WARRANTS - 0.0%</b>		
Ezion Holdings, Ltd. (Expiration Date: 4-6-23; Strike Price: SGD 0.28) (A)	78,780	0
MECOM Power and Construction, Ltd. (Expiration Date: 5-24-23; Strike Price: HKD 4.47) (A)	3,900	144
Treasury Metals, Inc. (Expiration Date: 8-7-23; Strike Price: CAD 1.50) (A)	650	30
Webuild SpA (Expiration Date: 8-2-30) (A)(E)	1,316	574
<b>TOTAL WARRANTS (Cost \$0)</b>		<b>\$ 748</b>
<b>SHORT-TERM INVESTMENTS - 6.2%</b>		
<b>Short-term funds - 6.2%</b>		
John Hancock Collateral Trust, 1.4215% (F)(G)	633,805	6,335,767
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$6,336,653)</b>		<b>\$ 6,335,767</b>
<b>Total Investments (International Small Company Trust) (Cost \$129,188,802) - 104.6%</b>		
		<b>\$ 107,465,960</b>
<b>Other assets and liabilities, net - (4.6%)</b>		
		<b>(4,731,371)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 102,734,589</b>

### Currency Abbreviations

AUD	Australian Dollar
CAD	Canadian Dollar
EUR	Euro
HKD	Hong Kong Dollar
SGD	Singapore Dollar

### Security Abbreviations and Legend

- (A) Non-income producing security.
- (B) All or a portion of this security is on loan as of 6-30-22.
- (C) 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.
- (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) Strike price and/or expiration date not available.
- (F) The rate shown is the annualized seven-day yield as of 6-30-22.
- (G) 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 — June 30, 2022 (unaudited) (showing percentage of total net assets)

## International Small Company Trust (continued)

### DERIVATIVES

#### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Mini MSCI EAFE Index Futures	7	Long	Sep 2022	\$700,224	\$650,650	\$(49,574)
						<b>\$(49,574)</b>

<sup>^</sup> Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

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

## Lifestyle Balanced Portfolio

	Shares or Principal Amount	Value
<b>AFFILIATED INVESTMENT COMPANIES (A) - 100.0%</b>		
<b>Equity - 49.0%</b>		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	25,181,937	\$ 455,793,067
<b>Fixed income - 51.0%</b>		
Select Bond, Series NAV, JHVIT (MIM US) (B)	38,419,607	474,482,150
<b>TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$987,604,632)</b>		<b>\$ 930,275,217</b>
<b>Total Investments (Lifestyle Balanced Portfolio) (Cost \$987,604,632) - 100.0%</b>		<b>\$ 930,275,217</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(74,888)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 930,200,329</b>

#### Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
(A)	The underlying portfolios' subadvisor is shown parenthetically.
(B)	The subadvisor is an affiliate of the advisor.

## Lifestyle Growth Portfolio

	Shares or Principal Amount	Value
<b>AFFILIATED INVESTMENT COMPANIES (A) - 100.0%</b>		
<b>Equity - 69.1%</b>		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	191,280,859	\$ 3,462,183,548
<b>Fixed income - 30.9%</b>		
Select Bond, Series NAV, JHVIT (MIM US) (B)	125,127,030	1,545,318,824
<b>TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$5,160,443,909)</b>		<b>\$ 5,007,502,372</b>
<b>Total Investments (Lifestyle Growth Portfolio) (Cost \$5,160,443,909) - 100.0%</b>		<b>\$ 5,007,502,372</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(251,940)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 5,007,250,432</b>

#### Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
(A)	The underlying portfolios' subadvisor is shown parenthetically.
(B)	The subadvisor is an affiliate of the advisor.

## Lifestyle Conservative Portfolio

	Shares or Principal Amount	Value
<b>AFFILIATED INVESTMENT COMPANIES (A) - 100.0%</b>		
<b>Equity - 19.1%</b>		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	1,857,395	\$ 33,618,855
<b>Fixed income - 80.9%</b>		
Select Bond, Series NAV, JHVIT (MIM US) (B)	11,509,799	142,146,022
<b>TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$197,687,176)</b>		<b>\$ 175,764,877</b>
<b>SHORT-TERM INVESTMENTS - 0.0%</b>		
<b>Short-term funds - 0.0%</b>		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (C)	3,990	3,990
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$3,990)</b>		<b>\$ 3,990</b>
<b>Total Investments (Lifestyle Conservative Portfolio) (Cost \$197,691,166) - 100.0%</b>		<b>\$ 175,768,867</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(39,813)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 175,729,054</b>

#### Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
(A)	The underlying portfolios' subadvisor is shown parenthetically.
(B)	The subadvisor is an affiliate of the advisor.
(C)	The rate shown is the annualized seven-day yield as of 6-30-22.

## Lifestyle Moderate Portfolio

	Shares or Principal Amount	Value
<b>AFFILIATED INVESTMENT COMPANIES (A) - 100.0%</b>		
<b>Equity - 38.9%</b>		
Strategic Equity Allocation, Series NAV, JHVIT (MIM US) (B)	6,203,313	\$ 112,279,966
<b>Fixed income - 61.1%</b>		
Select Bond, Series NAV, JHVIT (MIM US) (B)	14,280,074	176,358,913
<b>TOTAL AFFILIATED INVESTMENT COMPANIES (Cost \$313,215,192)</b>		<b>\$ 288,638,879</b>
<b>SHORT-TERM INVESTMENTS - 0.0%</b>		
<b>Short-term funds - 0.0%</b>		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (C)	1,444	1,444
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$1,444)</b>		<b>\$ 1,444</b>
<b>Total Investments (Lifestyle Moderate Portfolio) (Cost \$313,216,636) - 100.0%</b>		<b>\$ 288,640,323</b>
<b>Other assets and liabilities, net - (0.0%)</b>		<b>(44,566)</b>
<b>TOTAL NET ASSETS - 100.0%</b>		<b>\$ 288,595,757</b>

#### Security Abbreviations and Legend

JHVIT	John Hancock Variable Insurance Trust
MIM US	Manulife Investment Management (US) LLC
(A)	The underlying portfolios' subadvisor is shown parenthetically.
(B)	The subadvisor is an affiliate of the advisor.
(C)	The rate shown is the annualized seven-day yield as of 6-30-22.

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Cap Growth Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 92.1%</b>		
<b>Communication services – 11.4%</b>		
<b>Entertainment – 7.1%</b>		
Live Nation Entertainment, Inc. (A)	99,716	\$ 8,234,547
Roku, Inc. (A)	163,231	13,407,794
Spotify Technology SA (A)	135,389	12,703,550
Take-Two Interactive Software, Inc. (A)	42,533	5,211,568
		39,557,459
<b>Interactive media and services – 4.3%</b>		
Match Group, Inc. (A)	123,228	8,587,759
Snap, Inc., Class A (A)	542,911	7,128,421
ZoomInfo Technologies, Inc. (A)	242,846	8,072,201
		23,788,381
		63,345,840
<b>Consumer discretionary – 17.6%</b>		
<b>Automobiles – 2.0%</b>		
Thor Industries, Inc.	147,731	11,039,938
<b>Hotels, restaurants and leisure – 2.2%</b>		
DraftKings, Inc., Class A (A)(B)	578,249	6,748,166
Texas Roadhouse, Inc.	78,551	5,749,933
		12,498,099
<b>Household durables – 2.4%</b>		
Lennar Corp., A Shares	190,612	13,451,489
<b>Internet and direct marketing retail – 2.3%</b>		
Etsy, Inc. (A)	173,551	12,705,669
<b>Leisure products – 0.6%</b>		
Peloton Interactive, Inc., Class A (A)	336,192	3,086,243
<b>Specialty retail – 4.2%</b>		
Burlington Stores, Inc. (A)	18,489	2,518,756
Floor & Decor Holdings, Inc., Class A (A)	100,089	6,301,603
Ultra Beauty, Inc. (A)	37,957	14,631,664
		23,452,023
<b>Textiles, apparel and luxury goods – 3.9%</b>		
Lululemon Athletica, Inc. (A)	79,107	21,565,361
		97,798,822
<b>Energy – 3.2%</b>		
<b>Oil, gas and consumable fuels – 3.2%</b>		
Diamondback Energy, Inc.	47,916	5,805,023
Pioneer Natural Resources Company	28,397	6,334,803
Targa Resources Corp.	98,119	5,854,761
		17,994,587
<b>Financials – 3.3%</b>		
<b>Capital markets – 3.3%</b>		
Ares Management Corp., Class A	117,814	6,698,904
Tradeweb Markets, Inc., Class A	169,446	11,564,690
		18,263,594
<b>Health care – 18.3%</b>		
<b>Biotechnology – 3.8%</b>		
Apellis Pharmaceuticals, Inc. (A)	92,767	4,194,924
Ascendis Pharma A/S, ADR (A)(B)	40,055	3,723,513
Exact Sciences Corp. (A)	317,386	12,501,835
Kodiak Sciences, Inc. (A)	71,510	546,336
		20,966,608
<b>Health care equipment and supplies – 6.2%</b>		
DexCom, Inc. (A)	207,311	15,450,889
Insulet Corp. (A)	87,585	19,088,275
		34,539,164
<b>Health care technology – 5.4%</b>		
Inspire Medical Systems, Inc. (A)	44,834	8,189,827

## Mid Cap Growth Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care technology (continued)</b>		
Veeva Systems, Inc., Class A (A)	110,887	\$ 21,960,061
		30,149,888
<b>Life sciences tools and services – 2.9%</b>		
Agilent Technologies, Inc.	132,998	15,796,172
		101,451,832
<b>Industrials – 7.9%</b>		
<b>Building products – 1.8%</b>		
Johnson Controls International PLC	212,513	10,175,122
<b>Commercial services and supplies – 1.0%</b>		
Copart, Inc. (A)	50,478	5,484,939
<b>Machinery – 1.3%</b>		
The Middleby Corp. (A)	57,359	7,190,524
<b>Professional services – 2.7%</b>		
CoStar Group, Inc. (A)	245,160	14,810,116
<b>Trading companies and distributors – 1.1%</b>		
WESCO International, Inc. (A)	57,965	6,208,052
		43,868,753
<b>Information technology – 26.3%</b>		
<b>Communications equipment – 3.8%</b>		
Arista Networks, Inc. (A)	226,708	21,251,608
<b>IT services – 5.2%</b>		
Block, Inc. (A)	76,927	4,727,933
MongoDB, Inc. (A)	46,545	12,078,428
Okta, Inc. (A)	132,837	12,008,465
		28,814,826
<b>Semiconductors and semiconductor equipment – 4.0%</b>		
Ambarella, Inc. (A)	4,300	281,478
MKS Instruments, Inc.	69,007	7,082,188
SolarEdge Technologies, Inc. (A)	31,813	8,706,582
Universal Display Corp.	59,446	6,012,368
		22,082,616
<b>Software – 13.3%</b>		
DocuSign, Inc. (A)	123,929	7,111,046
Five9, Inc. (A)	136,361	12,427,942
IronSource, Ltd., Class A (A)	1,266,445	3,014,139
Palo Alto Networks, Inc. (A)	29,490	14,566,291
Paycom Software, Inc. (A)	61,041	17,098,805
RingCentral, Inc., Class A (A)	111,897	5,847,737
Workday, Inc., Class A (A)	97,126	13,556,847
		73,622,807
		145,771,857
<b>Materials – 3.0%</b>		
<b>Chemicals – 3.0%</b>		
Albemarle Corp.	55,345	11,565,998
CF Industries Holdings, Inc.	58,590	5,022,921
		16,588,919
<b>Real estate – 1.1%</b>		
<b>Equity real estate investment trusts – 1.1%</b>		
AvalonBay Communities, Inc.	30,560	5,936,280
<b>TOTAL COMMON STOCKS (Cost \$708,333,042)</b>		
		\$ 511,020,484
<b>PREFERRED SECURITIES – 0.9%</b>		
<b>Information technology – 0.9%</b>		
<b>Software – 0.9%</b>		
Essence Group Holdings Corp. (A)(C)(D)	1,663,188	3,143,425
Lookout, Inc., Series F (A)(C)(D)	211,003	2,057,279
		5,200,704
<b>TOTAL PREFERRED SECURITIES (Cost \$5,070,285)</b>		
		\$ 5,200,704

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Cap Growth Trust (continued)

	Shares or Principal Amount	Value
<b>EXCHANGE-TRADED FUNDS – 4.4%</b>		
iShares Russell Mid-Cap Growth ETF (B)	308,289	\$ 24,422,655
<b>TOTAL EXCHANGE-TRADED FUNDS (Cost \$24,298,014)</b>		<b>\$ 24,422,655</b>
<b>SHORT-TERM INVESTMENTS – 4.1%</b>		
<b>Short-term funds – 1.6%</b>		
John Hancock Collateral Trust, 1.4215% (E)(F)	880,981	8,806,643
<b>Repurchase agreement – 2.5%</b>		
Deutsche Bank Tri-Party Repurchase Agreement dated 6-30-22 at 1.500% to be repurchased at \$13,900,579 on 7-1-22, collateralized by \$15,677,800 Federal National Mortgage Association, 2.000% - 3.000% due 11-1-46 to 1-1-52 (valued at \$14,178,000)	\$ 13,900,000	13,900,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$22,707,182)</b>		<b>\$ 22,706,643</b>
<b>Total Investments (Mid Cap Growth Trust) (Cost \$760,408,523) – 101.5%</b>		<b>\$ 563,350,486</b>
<b>Other assets and liabilities, net – (1.5%)</b>		<b>(8,421,049)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 554,929,437</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(C)	Restricted security as to resale. For more information on this security refer to the Notes to financial statements.
(D)	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.
(E)	The rate shown is the annualized seven-day yield as of 6-30-22.
(F)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## Mid Cap Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.1%</b>		
<b>Communication services – 1.5%</b>		
<b>Diversified telecommunication services – 0.2%</b>		
Iridium Communications, Inc. (A)	71,253	\$ 2,676,263
<b>Entertainment – 0.1%</b>		
World Wrestling Entertainment, Inc., Class A	24,075	1,504,447
<b>Interactive media and services – 0.3%</b>		
TripAdvisor, Inc. (A)	55,774	992,777
Ziff Davis, Inc. (A)	26,329	1,962,300
		2,955,077
<b>Media – 0.9%</b>		
Cable One, Inc.	2,736	3,527,580
John Wiley & Sons, Inc., Class A	24,162	1,153,977
TEGNA, Inc.	123,186	2,583,210
The New York Times Company, Class A	92,801	2,589,148
		9,853,915
		16,989,702
<b>Consumer discretionary – 13.3%</b>		
<b>Auto components – 1.4%</b>		
Adient PLC (A)	52,781	1,563,901
Dana, Inc.	79,793	1,122,688
Fox Factory Holding Corp. (A)	23,464	1,889,791

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Auto components (continued)</b>		
Gentex Corp.	130,522	\$ 3,650,700
Lear Corp.	33,278	4,189,367
The Goodyear Tire & Rubber Company (A)	157,247	1,684,115
Visteon Corp. (A)	15,649	1,620,923
		15,721,485
<b>Automobiles – 0.4%</b>		
Harley-Davidson, Inc.	82,045	2,597,545
Thor Industries, Inc.	30,635	2,289,354
		4,886,899
<b>Diversified consumer services – 1.1%</b>		
Graham Holdings Company, Class B	2,181	1,236,278
Grand Canyon Education, Inc. (A)	17,992	1,694,666
H&R Block, Inc.	88,845	3,138,005
Service Corp. International	88,368	6,107,996
		12,176,945
<b>Hotels, restaurants and leisure – 2.5%</b>		
Boyd Gaming Corp.	44,534	2,215,567
Choice Hotels International, Inc.	18,318	2,044,838
Churchill Downs, Inc.	19,051	3,648,838
Cracker Barrel Old Country Store, Inc.	12,930	1,079,526
Light & Wonder, Inc. (A)	53,256	2,502,499
Marrriott Vacations Worldwide Corp.	23,065	2,680,153
Papa John's International, Inc.	17,735	1,481,227
Six Flags Entertainment Corp. (A)	43,310	939,827
Texas Roadhouse, Inc.	37,949	2,777,867
The Wendy's Company	95,416	1,801,454
Travel + Leisure Company	47,551	1,845,930
Wingstop, Inc.	16,632	1,243,575
Wyndham Hotels & Resorts, Inc.	51,272	3,369,596
		27,630,897
<b>Household durables – 1.4%</b>		
Helen of Troy, Ltd. (A)	13,273	2,155,668
KB Home	48,292	1,374,390
Leggett & Platt, Inc.	74,352	2,571,092
Taylor Morrison Home Corp. (A)	66,603	1,555,846
Tempur Sealy International, Inc.	97,725	2,088,383
Toll Brothers, Inc.	61,382	2,737,637
TopBuild Corp. (A)	18,247	3,050,169
		15,533,185
<b>Leisure products – 1.2%</b>		
Brunswick Corp.	42,159	2,756,355
Callaway Golf Company (A)	64,776	1,321,430
Mattel, Inc. (A)	196,232	4,381,861
Polaris, Inc.	31,134	3,090,984
YETI Holdings, Inc. (A)	47,965	2,075,446
		13,626,076
<b>Multiline retail – 0.8%</b>		
Kohl's Corp.	71,586	2,554,904
Macy's, Inc.	158,581	2,905,204
Nordstrom, Inc.	62,116	1,312,511
Ollie's Bargain Outlet Holdings, Inc. (A)	32,478	1,908,083
		8,680,702
<b>Specialty retail – 2.8%</b>		
American Eagle Outfitters, Inc. (B)	85,749	958,674
AutoNation, Inc. (A)	19,806	2,213,519
Dick's Sporting Goods, Inc.	32,317	2,435,732
Five Below, Inc. (A)	30,903	3,505,327
Foot Locker, Inc.	46,539	1,175,110
GameStop Corp., Class A (A)(B)	34,423	4,209,933
Lithia Motors, Inc.	16,107	4,426,365
Murphy USA, Inc.	12,395	2,886,424

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
RH (A)	9,789	\$ 2,077,813
The Gap, Inc.	117,339	966,873
Victoria's Secret & Company (A)	37,810	1,057,546
Williams-Sonoma, Inc.	38,986	4,325,497
		<u>30,238,813</u>
<b>Textiles, apparel and luxury goods – 1.7%</b>		
Capri Holdings, Ltd. (A)	82,177	3,370,079
Carter's, Inc.	22,430	1,580,866
Columbia Sportswear Company	18,549	1,327,737
Crocs, Inc. (A)	34,279	1,668,359
Deckers Outdoor Corp. (A)	15,165	3,872,383
Hanesbrands, Inc.	194,162	1,997,927
Skechers USA, Inc., Class A (A)	75,088	2,671,631
Under Armour, Inc., Class A (A)	105,031	874,908
Under Armour, Inc., Class C (A)	112,854	855,433
		<u>18,219,323</u>
		<u>146,714,325</u>
<b>Consumer staples – 3.9%</b>		
<b>Beverages – 0.1%</b>		
The Boston Beer Company, Inc., Class A (A)	5,232	1,585,139
<b>Food and staples retailing – 1.5%</b>		
BJ's Wholesale Club Holdings, Inc. (A)	75,102	4,680,357
Casey's General Stores, Inc.	20,660	3,821,687
Grocery Outlet Holding Corp. (A)	48,819	2,081,154
Performance Food Group Company (A)	86,289	3,967,568
Sprouts Farmers Market, Inc. (A)	61,027	1,545,204
		<u>16,095,970</u>
<b>Food products – 1.8%</b>		
Darling Ingredients, Inc. (A)	89,914	5,376,857
Flowers Foods, Inc.	110,955	2,920,336
Ingredion, Inc.	36,864	3,249,930
Lancaster Colony Corp.	11,031	1,420,572
Pilgrim's Pride Corp. (A)	26,758	835,652
Post Holdings, Inc. (A)	31,111	2,561,991
Sanderson Farms, Inc.	11,809	2,545,194
The Hain Celestial Group, Inc. (A)	49,989	1,186,739
		<u>20,097,271</u>
<b>Household products – 0.1%</b>		
Energizer Holdings, Inc.	36,492	1,034,548
<b>Personal products – 0.4%</b>		
BellRing Brands, Inc. (A)	60,730	1,511,570
Coty, Inc., Class A (A)	191,541	1,534,243
Nu Skin Enterprises, Inc., Class A	27,951	1,210,278
		<u>4,256,091</u>
		<u>43,069,019</u>
<b>Energy – 3.9%</b>		
<b>Energy equipment and services – 0.6%</b>		
ChampionX Corp.	113,232	2,247,655
NOV, Inc.	218,668	3,697,676
		<u>5,945,331</u>
<b>Oil, gas and consumable fuels – 3.3%</b>		
Antero Midstream Corp.	181,113	1,639,073
CNX Resources Corp. (A)	108,586	1,787,326
DT Midstream, Inc.	53,851	2,639,776
EQT Corp.	164,575	5,661,380
Equitrans Midstream Corp.	226,462	1,440,298
HF Sinclair Corp.	83,262	3,760,112
Matador Resources Company	61,814	2,879,914
Murphy Oil Corp.	81,305	2,454,598
PDC Energy, Inc.	53,125	3,273,031

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Range Resources Corp. (A)	144,293	\$ 3,571,252
Targa Resources Corp.	126,920	7,573,307
		<u>36,680,067</u>
		<u>42,625,398</u>
<b>Financials – 14.6%</b>		
<b>Banks – 6.9%</b>		
Associated Banc-Corp.	83,529	1,525,240
Bank of Hawaii Corp.	22,429	1,668,718
Bank OZK	64,196	2,409,276
Cadence Bank	102,147	2,398,412
Cathay General Bancorp	41,835	1,637,840
Commerce Bancshares, Inc.	61,163	4,015,351
Cullen/Frost Bankers, Inc.	31,757	3,698,103
East West Bancorp, Inc.	78,999	5,119,135
First Financial Bankshares, Inc.	71,506	2,808,041
First Horizon Corp.	297,763	6,509,099
FNB Corp.	187,835	2,039,888
Fulton Financial Corp.	89,492	1,293,159
Glacier Bancorp, Inc.	60,428	2,865,496
Hancock Whitney Corp.	48,081	2,131,431
Home BancShares, Inc.	105,320	2,187,496
International Bancshares Corp.	29,541	1,184,003
Old National Bancorp	163,089	2,412,086
PacWest Bancorp	65,382	1,743,084
Pinnacle Financial Partners, Inc.	42,523	3,074,838
Prosperity Bancshares, Inc.	51,317	3,503,412
Synovus Financial Corp.	80,911	2,916,842
Texas Capital Bancshares, Inc. (A)	28,237	1,486,396
UMB Financial Corp.	23,982	2,064,850
Umpqua Holdings Corp.	120,828	2,026,286
United Bankshares, Inc.	75,553	2,649,644
Valley National Bancorp	233,941	2,435,326
Washington Federal, Inc.	36,357	1,091,437
Webster Financial Corp.	99,147	4,179,046
Wintrust Financial Corp.	31,881	2,555,262
		<u>75,629,197</u>
<b>Capital markets – 1.9%</b>		
Affiliated Managers Group, Inc.	21,530	2,510,398
Evercore, Inc., Class A	22,599	2,115,492
Federated Hermes, Inc.	51,030	1,622,244
Interactive Brokers Group, Inc., Class A	48,685	2,678,162
Janus Henderson Group PLC	93,407	2,195,999
Jefferies Financial Group, Inc.	106,665	2,946,087
SEI Investments Company	58,076	3,137,266
Stifel Financial Corp.	59,331	3,323,723
		<u>20,529,371</u>
<b>Consumer finance – 0.5%</b>		
FirstCash Holdings, Inc.	21,931	1,524,424
Navient Corp.	82,330	1,151,797
SLM Corp.	149,870	2,388,928
		<u>5,065,149</u>
<b>Diversified financial services – 0.3%</b>		
Voya Financial, Inc.	56,880	3,386,066
<b>Insurance – 4.4%</b>		
Alleghany Corp. (A)	7,490	6,239,919
American Financial Group, Inc.	36,953	5,129,446
BrightHouse Financial, Inc. (A)	41,693	1,710,247
CNO Financial Group, Inc.	64,515	1,167,076
First American Financial Corp.	59,792	3,164,193
Kemper Corp.	33,387	1,599,237
Kinsale Capital Group, Inc.	11,988	2,752,924
Mercury General Corp.	14,796	655,463
Old Republic International Corp.	159,617	3,569,036



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
Primerica, Inc.	21,422	\$ 2,563,999
Reinsurance Group of America, Inc.	37,293	4,374,096
RenaissanceRe Holdings, Ltd.	24,600	3,846,702
RLI Corp.	22,200	2,588,298
Selective Insurance Group, Inc.	33,598	2,921,010
The Hanover Insurance Group, Inc.	19,813	2,897,651
Unum Group	111,949	3,808,505
		48,987,802
<b>Thriffs and mortgage finance – 0.6%</b>		
Essent Group, Ltd.	59,901	2,330,149
MGIC Investment Corp.	172,354	2,171,660
New York Community Bancorp, Inc.	260,000	2,373,800
		6,875,609
		160,473,194
<b>Health care – 10.1%</b>		
<b>Biotechnology – 1.8%</b>		
Arrowhead Pharmaceuticals, Inc. (A)	58,863	2,072,566
Exelixis, Inc. (A)	178,555	3,717,515
Halozyne Therapeutics, Inc. (A)	76,796	3,379,024
Neurocrine Biosciences, Inc. (A)	53,207	5,186,618
United Therapeutics Corp. (A)	25,218	5,942,370
		20,298,093
<b>Health care equipment and supplies – 3.3%</b>		
Enovis Corp. (A)	26,169	1,439,295
Envista Holdings Corp. (A)	90,529	3,488,988
Globus Medical, Inc., Class A (A)	44,145	2,478,300
Haemonetics Corp. (A)	28,454	1,854,632
ICU Medical, Inc. (A)	11,174	1,836,894
Inari Medical, Inc. (A)	18,928	1,286,915
Integra LifeSciences Holdings Corp. (A)	39,802	2,150,502
LivaNova PLC (A)	29,750	1,858,483
Masimo Corp. (A)	28,427	3,714,556
Neogen Corp. (A)	60,022	1,445,930
NuVasive, Inc. (A)	28,971	1,424,214
Penumbra, Inc. (A)	19,717	2,455,161
QuidelOrtho Corp. (A)	27,847	2,706,171
Shockwave Medical, Inc. (A)	19,925	3,809,062
STAAR Surgical Company (A)	26,616	1,887,873
Tandem Diabetes Care, Inc. (A)	35,608	2,107,638
		35,944,614
<b>Health care providers and services – 2.5%</b>		
Acadia Healthcare Company, Inc. (A)	50,396	3,408,281
Amedisys, Inc. (A)	18,133	1,906,141
Chemed Corp.	8,333	3,911,427
Encompass Health Corp.	55,560	3,114,138
HealthEquity, Inc. (A)	46,966	2,883,243
LHC Group, Inc. (A)	17,274	2,690,253
Option Care Health, Inc. (A)	77,180	2,144,832
Patterson Companies, Inc.	48,368	1,465,550
Progyny, Inc. (A)	39,412	1,144,919
R1 RCM, Inc. (A)	74,741	1,566,571
Tenet Healthcare Corp. (A)	59,969	3,151,971
		27,387,326
<b>Life sciences tools and services – 1.7%</b>		
Azenta, Inc.	41,743	3,009,670
Bruker Corp.	55,670	3,493,849
Medpace Holdings, Inc. (A)	14,985	2,242,805
Repligen Corp. (A)	28,699	4,660,718
Sotera Health Company (A)	55,105	1,079,507

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Life sciences tools and services (continued)</b>		
Syneos Health, Inc. (A)	57,103	\$ 4,093,143
		18,579,692
<b>Pharmaceuticals – 0.8%</b>		
Jazz Pharmaceuticals PLC (A)	34,693	5,412,455
Perrigo Company PLC	74,904	3,038,855
		8,451,310
		110,661,035
<b>Industrials – 18.0%</b>		
<b>Aerospace and defense – 1.3%</b>		
Axon Enterprise, Inc. (A)	39,531	3,683,103
Curtiss-Wright Corp.	21,402	2,826,348
Hexcel Corp.	46,791	2,447,637
Mercury Systems, Inc. (A)	32,106	2,065,379
Woodward, Inc.	33,761	3,122,555
		14,145,022
<b>Air freight and logistics – 0.2%</b>		
GXO Logistics, Inc. (A)	56,647	2,451,116
<b>Airlines – 0.1%</b>		
JetBlue Airways Corp. (A)	178,582	1,494,731
<b>Building products – 2.3%</b>		
Builders FirstSource, Inc. (A)	96,177	5,164,705
Carlisle Companies, Inc.	28,780	6,867,196
Lennox International, Inc.	18,391	3,799,397
Owens Corning	54,043	4,015,935
Simpson Manufacturing Company, Inc.	24,027	2,417,356
Trex Company, Inc. (A)	63,017	3,429,385
		25,693,974
<b>Commercial services and supplies – 1.5%</b>		
Clean Harbors, Inc. (A)	27,877	2,443,977
IAA, Inc. (A)	74,601	2,444,675
MillerKnoll, Inc.	42,194	1,108,436
MSA Safety, Inc.	20,365	2,465,591
Stericycle, Inc. (A)	51,265	2,247,970
Tetra Tech, Inc.	29,885	4,080,797
The Brink's Company	26,178	1,589,266
		16,380,712
<b>Construction and engineering – 1.8%</b>		
AECOM	78,685	5,131,836
Dycom Industries, Inc. (A)	16,494	1,534,602
EMCOR Group, Inc.	28,470	2,931,271
Fluor Corp. (A)	79,056	1,924,223
MasTec, Inc. (A)	31,812	2,279,648
MDU Resources Group, Inc.	113,204	3,055,376
Valmont Industries, Inc.	11,864	2,665,010
		19,521,966
<b>Electrical equipment – 1.8%</b>		
Acuity Brands, Inc.	19,251	2,965,424
EnerSys	22,964	1,353,957
Hubbell, Inc.	29,873	5,334,720
nVent Electric PLC	92,605	2,901,315
Regal Rexnord Corp.	37,301	4,234,410
Sunrun, Inc. (A)	116,969	2,732,396
Vicor Corp. (A)	12,013	657,471
		20,179,693
<b>Machinery – 4.2%</b>		
AGCO Corp.	34,029	3,358,662
Chart Industries, Inc. (A)	20,383	3,411,707
Crane Holdings Company	26,524	2,322,441
Donaldson Company, Inc.	68,784	3,311,262
Esab Corp.	25,400	1,111,250
Flowserve Corp.	72,729	2,082,231

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Graco, Inc.	94,208	\$ 5,596,897
ITT, Inc.	46,484	3,125,584
Kennametal, Inc.	46,004	1,068,673
Lincoln Electric Holdings, Inc.	32,342	3,989,709
Oshkosh Corp.	36,628	3,008,624
Terex Corp.	38,579	1,055,907
The Middleby Corp. (A)	30,279	3,795,775
The Timken Company	37,554	1,992,240
The Toro Company	58,196	4,410,675
Watts Water Technologies, Inc., Class A	15,269	1,875,644
		45,517,281
<b>Marine – 0.2%</b>		
Kirby Corp. (A)	33,569	2,042,338
<b>Professional services – 1.9%</b>		
ASGN, Inc. (A)	28,447	2,567,342
CACI International, Inc., Class A (A)	13,034	3,672,721
FTI Consulting, Inc. (A)	19,189	3,470,331
Insperty, Inc.	19,833	1,979,928
KBR, Inc.	77,692	3,759,516
ManpowerGroup, Inc.	29,360	2,243,398
Science Applications International Corp.	31,074	2,892,989
		20,586,225
<b>Road and rail – 1.7%</b>		
Avis Budget Group, Inc. (A)	19,086	2,807,169
Knight-Swift Transportation Holdings, Inc.	91,058	4,215,075
Landstar System, Inc.	20,668	3,005,541
Ryder System, Inc.	28,468	2,022,936
Saia, Inc. (A)	14,701	2,763,788
Werner Enterprises, Inc.	32,958	1,270,201
XPO Logistics, Inc. (A)	55,066	2,651,979
		18,736,689
<b>Trading companies and distributors – 1.0%</b>		
GATX Corp.	19,818	1,866,063
MSC Industrial Direct Company, Inc., Class A	26,269	1,973,065
Univar Solutions, Inc. (A)	94,211	2,343,028
Watsco, Inc.	18,463	4,409,334
		10,591,490
		197,341,237
<b>Information technology – 12.8%</b>		
<b>Communications equipment – 0.8%</b>		
Calix, Inc. (A)	30,933	1,056,053
Ciena Corp. (A)	84,688	3,870,242
Lumentum Holdings, Inc. (A)	38,412	3,050,681
Viasat, Inc. (A)	41,439	1,269,277
		9,246,253
<b>Electronic equipment, instruments and components – 3.3%</b>		
Arrow Electronics, Inc. (A)	36,762	4,120,653
Avnet, Inc.	54,379	2,331,772
Belden, Inc.	24,637	1,312,413
Cognex Corp.	96,719	4,112,492
Coherent, Inc. (A)	13,813	3,677,297
II-VI, Inc. (A)	59,264	3,019,501
IPG Photonics Corp. (A)	19,348	1,821,227
Jabil, Inc.	78,614	4,025,823
Littelfuse, Inc.	13,772	3,498,639
National Instruments Corp.	73,024	2,280,540
TD SYNNEX Corp.	23,005	2,095,756
Vishay Intertechnology, Inc.	73,443	1,308,754

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electronic equipment, instruments and components (continued)</b>		
Vontier Corp.	89,632	\$ 2,060,640
		35,665,507
<b>IT services – 2.1%</b>		
Bread Financial Holdings, Inc.	27,710	1,026,933
Concentrix Corp.	23,952	3,248,849
Euronet Worldwide, Inc. (A)	28,141	2,830,703
Genpact, Ltd.	94,826	4,016,829
Kyndryl Holdings, Inc. (A)	100,005	978,049
Maximus, Inc.	34,188	2,137,092
Sabre Corp. (A)	181,700	1,059,311
The Western Union Company	214,903	3,539,452
WEX, Inc. (A)	25,046	3,896,156
		22,733,374
<b>Semiconductors and semiconductor equipment – 3.2%</b>		
Amkor Technology, Inc.	55,871	947,013
Cirrus Logic, Inc. (A)	31,889	2,313,228
CMC Materials, Inc.	15,928	2,779,277
First Solar, Inc. (A)	55,181	3,759,482
Lattice Semiconductor Corp. (A)	76,607	3,715,440
MKS Instruments, Inc.	30,985	3,179,991
Power Integrations, Inc.	32,460	2,434,825
Semtech Corp. (A)	35,332	1,942,200
Silicon Laboratories, Inc. (A)	20,364	2,855,440
SiTime Corp. (A)	8,668	1,413,144
SunPower Corp. (A)(B)	46,458	734,501
Synaptics, Inc. (A)	22,049	2,602,884
Universal Display Corp.	24,181	2,445,666
Wolfspeed, Inc. (A)	68,827	4,367,073
		35,490,164
<b>Software – 3.3%</b>		
ACI Worldwide, Inc. (A)	63,901	1,654,397
Aspen Technology, Inc. (A)	15,586	2,862,836
Blackbaud, Inc. (A)	25,347	1,471,900
CDK Global, Inc.	65,013	3,560,762
CommVault Systems, Inc. (A)	24,830	1,561,807
Envestnet, Inc. (A)	30,722	1,621,200
Fair Isaac Corp. (A)	14,436	5,787,392
Manhattan Associates, Inc. (A)	35,135	4,026,471
NCR Corp. (A)	76,045	2,365,760
Paylocity Holding Corp. (A)	22,095	3,853,810
Qualys, Inc. (A)	18,592	2,345,195
Sailpoint Technologies Holdings, Inc. (A)	52,484	3,289,697
Teradata Corp. (A)	58,286	2,157,165
		36,558,392
<b>Technology hardware, storage and peripherals – 0.1%</b>		
Xerox Holdings Corp.	66,382	985,773
		140,679,463
<b>Materials – 6.8%</b>		
<b>Chemicals – 2.7%</b>		
Ashland Global Holdings, Inc.	28,234	2,909,514
Avient Corp.	50,896	2,039,912
Cabot Corp.	31,417	2,004,090
Ingevity Corp. (A)	21,573	1,362,119
Minerals Technologies, Inc.	18,352	1,125,712
NewMarket Corp.	3,768	1,134,017
Olin Corp.	77,263	3,575,732
RPM International, Inc.	72,090	5,674,925
Sensient Technologies Corp.	23,400	1,885,104
The Chemours Company	86,549	2,771,299
The Scotts Miracle-Gro Company	22,511	1,778,144

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
Valvoline, Inc.	99,202	\$ 2,859,994
		29,120,562
<b>Construction materials – 0.2%</b>		
Eagle Materials, Inc.	21,992	2,417,800
<b>Containers and packaging – 0.9%</b>		
AptarGroup, Inc.	36,504	3,767,578
Greif, Inc., Class A	14,810	923,848
Silgan Holdings, Inc.	46,878	1,938,405
Sonoco Products Company	54,274	3,095,789
		9,725,620
<b>Metals and mining – 2.8%</b>		
Alcoa Corp.	102,682	4,680,246
Cleveland-Cliffs, Inc. (A)	265,828	4,085,776
Commercial Metals Company	67,636	2,238,752
Reliance Steel & Aluminum Company	34,486	5,857,792
Royal Gold, Inc.	36,541	3,901,848
Steel Dynamics, Inc.	99,791	6,601,175
U.S. Steel Corp.	145,094	2,598,634
Worthington Industries, Inc.	17,861	787,670
		30,751,893
<b>Paper and forest products – 0.2%</b>		
Louisiana-Pacific Corp.	45,715	2,395,923
		74,411,798
<b>Real estate – 9.1%</b>		
<b>Equity real estate investment trusts – 8.7%</b>		
American Campus Communities, Inc.	77,650	5,006,096
Apartment Income REIT Corp.	87,455	3,638,128
Brixmor Property Group, Inc.	166,749	3,369,997
Corporate Office Properties Trust	62,581	1,638,996
Cousins Properties, Inc.	82,816	2,420,712
Douglas Emmett, Inc.	97,858	2,190,062
EastGroup Properties, Inc.	23,203	3,580,919
EPR Properties	41,735	1,958,624
First Industrial Realty Trust, Inc.	73,484	3,489,020
Healthcare Realty Trust, Inc.	84,398	2,295,626
Highwoods Properties, Inc.	58,539	2,001,448
Hudson Pacific Properties, Inc.	80,512	1,194,798
Independence Realty Trust, Inc.	122,974	2,549,251
JBG SMITH Properties	60,525	1,430,811
Kilroy Realty Corp.	58,478	3,060,154
Kite Realty Group Trust	121,939	2,108,325
Lamar Advertising Company, Class A	48,467	4,263,642
Life Storage, Inc.	46,966	5,244,224
Medical Properties Trust, Inc.	334,073	5,101,295
National Retail Properties, Inc.	97,929	4,210,947
National Storage Affiliates Trust	46,843	2,345,429
Omega Healthcare Investors, Inc.	130,944	3,691,311
Park Hotels & Resorts, Inc.	129,916	1,762,960
Pebblebrook Hotel Trust	73,123	1,211,648
Physicians Realty Trust	125,421	2,188,596
PotlatchDeltic Corp.	38,619	1,706,574
PS Business Parks, Inc.	11,227	2,101,133
Rayonier, Inc.	81,441	3,044,265
Rexford Industrial Realty, Inc.	91,866	5,290,563
Sabra Health Care REIT, Inc.	128,571	1,796,137
SL Green Realty Corp.	35,698	1,647,463
Spirit Realty Capital, Inc.	74,769	2,824,773
STORE Capital Corp.	140,572	3,666,118
The Macerich Company	119,492	1,040,775
		99,070,820
<b>Real estate management and development – 0.4%</b>		
Jones Lang LaSalle, Inc. (A)	27,202	4,756,542
		99,827,362

## Mid Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Utilities – 4.1%</b>		
<b>Electric utilities – 1.5%</b>		
ALLETE, Inc.	31,726	\$ 1,864,854
Hawaiian Electric Industries, Inc.	60,918	2,491,546
IDACORP, Inc.	28,146	2,981,224
OGE Energy Corp.	111,452	4,297,589
PNM Resources, Inc.	47,784	2,283,120
Portland General Electric Company	51,666	2,497,018
		16,415,351
<b>Gas utilities – 1.7%</b>		
National Fuel Gas Company	50,913	3,362,804
New Jersey Resources Corp.	53,528	2,383,602
ONE Gas, Inc.	30,112	2,444,793
Southwest Gas Holdings, Inc.	37,216	3,240,769
Spire, Inc.	29,016	2,157,920
UGI Corp.	116,902	4,513,586
		18,103,474
<b>Multi-utilities – 0.4%</b>		
Black Hills Corp.	36,092	2,626,415
NorthWestern Corp.	30,139	1,776,091
		4,402,506
<b>Water utilities – 0.5%</b>		
Essential Utilities, Inc.	128,175	5,876,824
		44,798,155
<b>TOTAL COMMON STOCKS (Cost \$987,381,436)</b>		<b>\$ 1,077,590,688</b>
<b>SHORT-TERM INVESTMENTS – 2.2%</b>		
<b>U.S. Government Agency – 0.8%</b>		
Federal Home Loan Bank Discount Note 1.000%, 07/22/2022 *	\$ 9,200,000	9,192,493
<b>Short-term funds – 0.5%</b>		
John Hancock Collateral Trust, 1.4215% (C)(D)	553,954	5,537,550
<b>Repurchase agreement – 0.9%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-22 at 0.240% to be repurchased at \$9,992,067 on 7-1-22, collateralized by \$10,203,100 U.S. Treasury Notes, 3.000% due 6-30-24 (valued at \$10,191,938)	\$ 9,992,000	9,992,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$24,724,874)</b>		<b>\$ 24,722,043</b>
<b>Total Investments (Mid Cap Index Trust) (Cost \$1,012,106,310) – 100.3%</b>		<b>\$ 1,102,312,731</b>
<b>Other assets and liabilities, net – (0.3%)</b>		<b>(3,482,420)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 1,098,830,311</b>

### Security Abbreviations and Legend

- (A) Non-income producing security.  
 (B) All or a portion of this security is on loan as of 6-30-22.  
 (C) The rate shown is the annualized seven-day yield as of 6-30-22.  
 (D) 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.

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Cap Index Trust (continued)

### DERIVATIVES

#### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
S&P Mid 400 E-Mini Index Futures	96	Long	Sep 2022	\$22,849,159	\$21,772,800	\$(1,076,359)
						<b>\$(1,076,359)</b>

<sup>^</sup> Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

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

## Mid Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 93.3%</b>		
<b>Communication services – 5.3%</b>		
<b>Entertainment – 0.6%</b>		
Madison Square Garden Entertainment Corp. (A)	34,837	\$ 1,833,123
Madison Square Garden Sports Corp. (A)	11,636	1,757,036
		<u>3,590,159</u>
<b>Media – 4.7%</b>		
DISH Network Corp., Class A (A)	131,793	2,363,048
Fox Corp., Class A	102,224	3,287,524
Fox Corp., Class B	5,700	169,290
News Corp., Class A	705,493	10,991,581
Paramount Global, Class B	235,944	5,823,098
Scholastic Corp.	98,068	3,527,506
		<u>26,162,047</u>
		29,752,206
<b>Consumer discretionary – 4.3%</b>		
<b>Automobiles – 0.2%</b>		
General Motors Company (A)	37,300	1,184,648
<b>Diversified consumer services – 0.7%</b>		
Strategic Education, Inc.	54,954	3,878,653
<b>Hotels, restaurants and leisure – 0.7%</b>		
Compass Group PLC	195,737	4,018,751
<b>Household durables – 1.0%</b>		
Mohawk Industries, Inc. (A)	45,020	5,586,532
<b>Specialty retail – 0.5%</b>		
Best Buy Company, Inc.	40,400	2,633,676
<b>Textiles, apparel and luxury goods – 1.2%</b>		
Ralph Lauren Corp.	75,825	6,797,711
		<u>24,099,971</u>
<b>Consumer staples – 8.6%</b>		
<b>Beverages – 1.6%</b>		
Carlsberg A/S, Class B	41,207	5,266,367
Monster Beverage Corp. (A)	38,000	3,522,600
		<u>8,788,967</u>
<b>Food and staples retailing – 1.7%</b>		
Sysco Corp.	112,375	9,519,286
<b>Food products – 4.8%</b>		
Bunge, Ltd.	94,594	8,578,730
Campbell Soup Company	131,336	6,310,695
Flowers Foods, Inc.	457,360	12,037,715
		<u>26,927,140</u>
<b>Household products – 0.5%</b>		
Kimberly-Clark Corp.	23,205	3,136,156
		<u>48,371,549</u>

## Mid Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Energy – 8.3%</b>		
<b>Energy equipment and services – 3.9%</b>		
Expro Group Holdings NV (A)	301,199	\$ 3,469,812
NOV, Inc.	249,452	4,218,233
SEACOR Marine Holdings, Inc. (A)	129,032	743,224
TechnipFMC PLC (A)	1,318,885	8,876,096
Tidewater, Inc. (A)	201,265	4,244,679
		<u>21,552,044</u>
<b>Oil, gas and consumable fuels – 4.4%</b>		
APA Corp.	81,753	2,853,180
Cameco Corp.	398,370	8,373,737
Canadian Natural Resources, Ltd.	61,726	3,313,452
Equitrans Midstream Corp.	732,234	4,657,008
Imperial Oil, Ltd.	120,710	5,686,649
		<u>24,884,026</u>
		46,436,070
<b>Financials – 19.5%</b>		
<b>Banks – 5.1%</b>		
Fifth Third Bancorp	298,209	10,019,822
Popular, Inc.	58,448	4,496,405
Signature Bank	28,034	5,023,973
Webster Financial Corp.	101,617	4,283,157
Westamerica BanCorp	89,311	4,971,050
		<u>28,794,407</u>
<b>Capital markets – 4.6%</b>		
Lazard, Ltd., Class A (B)	94,451	3,061,157
Main Street Capital Corp. (B)	49,600	1,911,088
Northern Trust Corp.	79,203	7,641,505
Open Lending Corp., Class A (A)	169,923	1,738,312
State Street Corp.	183,570	11,317,091
		<u>25,669,153</u>
<b>Diversified financial services – 1.4%</b>		
Groupe Bruxelles Lambert SA	61,966	5,194,572
Jackson Financial, Inc., Class A	103,062	2,756,909
		<u>7,951,481</u>
<b>Insurance – 8.3%</b>		
Brighthouse Financial, Inc. (A)	15,667	642,660
Brown & Brown, Inc.	133,902	7,811,843
CNA Financial Corp.	160,722	7,216,418
Kemper Corp.	120,862	5,789,290
Loews Corp.	232,093	13,753,831
Marsh & McLennan Companies, Inc.	19,572	3,038,553
RenaissanceRe Holdings, Ltd.	53,094	8,302,309
		<u>46,554,904</u>
<b>Thriffs and mortgage finance – 0.1%</b>		
Capitol Federal Financial, Inc.	55,208	506,809
		<u>109,476,754</u>

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care – 14.0%</b>		
<b>Biotechnology – 1.0%</b>		
Alkermes PLC (A)	116,206	\$ 3,461,777
Galapagos NV (A)	36,713	2,035,613
		5,497,390
<b>Health care equipment and supplies – 5.1%</b>		
Baxter International, Inc.	71,548	4,595,528
Dentsply Sirona, Inc.	168,762	6,029,866
Hologic, Inc. (A)	45,657	3,164,030
Koninklijke Philips NV, NYRS	326,017	7,019,146
Zimmer Biomet Holdings, Inc.	77,599	8,152,551
		28,961,121
<b>Health care providers and services – 7.3%</b>		
Cardinal Health, Inc.	227,624	11,897,906
Centene Corp. (A)	72,052	6,096,320
Covetrus, Inc. (A)	50,006	1,037,625
Fresenius SE & Company KGaA	67,013	2,037,980
Fresenius SE & Company KGaA, ADR	135,772	1,021,005
Patterson Companies, Inc.	283,799	8,599,110
Select Medical Holdings Corp.	429,767	10,151,097
		40,841,043
<b>Life sciences tools and services – 0.6%</b>		
Charles River Laboratories International, Inc. (A)	15,200	3,252,344
		78,551,898
<b>Industrials – 7.6%</b>		
<b>Aerospace and defense – 3.7%</b>		
Rolls-Royce Holdings PLC (A)	4,824,566	4,909,771
Spirit AeroSystems Holdings, Inc., Class A	121,900	3,571,670
Textron, Inc.	205,010	12,519,961
		21,001,402
<b>Air freight and logistics – 1.1%</b>		
CH Robinson Worldwide, Inc.	60,090	6,091,323
<b>Building products – 0.1%</b>		
Trane Technologies PLC	5,700	740,259
<b>Machinery – 2.0%</b>		
PACCAR, Inc.	99,025	8,153,719
Stanley Black & Decker, Inc.	28,100	2,946,566
		11,100,285
<b>Road and rail – 0.7%</b>		
JB Hunt Transport Services, Inc.	25,313	3,986,038
		42,919,307
<b>Information technology – 3.3%</b>		
<b>Communications equipment – 0.1%</b>		
Arista Networks, Inc. (A)	9,000	843,660
<b>Electronic equipment, instruments and components – 1.0%</b>		
Corning, Inc.	24,300	765,693
National Instruments Corp.	164,068	5,123,844
		5,889,537
<b>IT services – 0.5%</b>		
Global Payments, Inc.	26,200	2,898,768
<b>Semiconductors and semiconductor equipment – 0.8%</b>		
Applied Materials, Inc.	12,723	1,157,539
Marvell Technology, Inc.	70,500	3,068,865
		4,226,404
<b>Technology hardware, storage and peripherals – 0.9%</b>		
Western Digital Corp. (A)	107,100	4,801,293
		18,659,662

## Mid Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Materials – 9.6%</b>		
<b>Chemicals – 2.4%</b>		
Corteva, Inc.	154,843	\$ 8,383,200
PPG Industries, Inc.	15,761	1,802,113
The Scotts Miracle-Gro Company	37,747	2,981,636
		13,166,949
<b>Construction materials – 1.5%</b>		
Summit Materials, Inc., Class A (A)	236,328	5,504,079
Vulcan Materials Company	21,546	3,061,687
		8,565,766
<b>Containers and packaging – 0.5%</b>		
Westrock Company	76,300	3,039,792
<b>Metals and mining – 5.2%</b>		
AngloGold Ashanti, Ltd., ADR	297,668	4,402,510
Cia de Minas Buenaventura SAA, ADR	361,102	2,383,273
Franco-Nevada Corp.	91,538	12,041,030
Freeport-McMoRan, Inc.	76,400	2,235,464
Fresnillo PLC	638,910	5,968,414
Gold Fields, Ltd., ADR (B)	250,167	2,281,523
		29,312,214
		54,084,721
<b>Real estate – 7.1%</b>		
<b>Equity real estate investment trusts – 6.9%</b>		
Apartment Investment and Management Company, Class A (A)	427,276	2,734,566
Equity Commonwealth (A)	293,794	8,088,149
Equity Residential	42,268	3,052,595
Omega Healthcare Investors, Inc.	30,067	847,589
Rayonier, Inc.	224,854	8,405,043
Regency Centers Corp.	82,621	4,900,252
Vornado Realty Trust	97,300	2,781,807
Weyerhaeuser Company	238,558	7,901,041
		38,711,042
<b>Real estate management and development – 0.2%</b>		
The St. Joe Company	29,723	1,175,842
		39,886,884
<b>Utilities – 5.7%</b>		
<b>Electric utilities – 4.2%</b>		
FirstEnergy Corp.	293,573	11,270,267
PG&E Corp. (A)	1,266,250	12,637,173
		23,907,440
<b>Gas utilities – 0.9%</b>		
National Fuel Gas Company	75,123	4,961,874
<b>Multi-utilities – 0.6%</b>		
CenterPoint Energy, Inc.	106,505	3,150,418
		32,019,732
<b>TOTAL COMMON STOCKS (Cost \$482,827,480)</b>		<b>\$ 524,258,754</b>
<b>CORPORATE BONDS - 0.0%</b>		
<b>Energy - 0.0%</b>		
Weatherford International, Ltd. 11.000%, 12/01/2024 (C)	\$ 172,000	173,290
<b>TOTAL CORPORATE BONDS (Cost \$141,441)</b>		<b>\$ 173,290</b>
<b>SHORT-TERM INVESTMENTS – 7.9%</b>		
<b>Short-term funds – 7.9%</b>		
John Hancock Collateral Trust, 1.4215% (D)(E)	659,594	6,593,564

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Mid Value Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>Short-term funds (continued)</b>		
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (D)	641,224	\$ 641,224
T. Rowe Price Government Reserve Fund, 0.6654% (D)	37,025,080	37,025,080
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$44,259,743)</b>		<b>\$ 44,259,868</b>
<b>Total Investments (Mid Value Trust) (Cost \$527,228,664) – 101.2%</b>		<b>\$ 568,691,912</b>
<b>Other assets and liabilities, net – (1.2%)</b>		<b>(6,851,559)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 561,840,353</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
NYRS	New York Registry Shares
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(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.
(D)	The rate shown is the annualized seven-day yield as of 6-30-22.
(E)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## Real Estate Securities Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.7%</b>		
<b>Consumer discretionary – 1.0%</b>		
<b>Hotels, restaurants and leisure – 1.0%</b>		
<b>Hotels, resorts and cruise lines – 1.0%</b>		
Playa Hotels & Resorts NV (A)	470,217	\$ 3,230,391
		3,230,391
<b>Real estate – 97.7%</b>		
<b>Equity real estate investment trusts – 94.7%</b>		
<b>Diversified REITs – 3.9%</b>		
BGP Holdings PLC (A)(B)	194,291	0
WP Carey, Inc.	154,277	12,783,392
		12,783,392
<b>Health care REITs – 11.3%</b>		
LTC Properties, Inc.	156,716	6,016,327
National Health Investors, Inc.	26,967	1,634,470
Ventas, Inc.	175,862	9,044,583
Welltower, Inc.	242,466	19,967,075
		36,662,455
<b>Hotel and resort REITs – 2.8%</b>		
Host Hotels & Resorts, Inc.	298,579	4,681,719
Ryman Hospitality Properties, Inc. (A)	57,606	4,379,784
		9,061,503
<b>Industrial REITs – 14.2%</b>		
First Industrial Realty Trust, Inc.	70,946	3,368,516
Prologis, Inc.	268,351	31,571,495
Rexford Industrial Realty, Inc.	196,964	11,343,157
		46,283,168
<b>Office REITs – 5.9%</b>		
Boston Properties, Inc.	111,398	9,912,194

## Real Estate Securities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
Corporate Office Properties Trust	143,269	\$ 3,752,215
Douglas Emmett, Inc.	178,122	3,986,370
Veris Residential, Inc. (A)	119,157	1,577,639
		19,228,418
<b>Residential REITs – 18.7%</b>		
American Campus Communities, Inc.	45,692	2,945,763
AvalonBay Communities, Inc.	101,571	19,730,167
Camden Property Trust	68,364	9,193,591
Independence Realty Trust, Inc.	302,608	6,273,064
Sun Communities, Inc.	80,460	12,822,106
UDR, Inc.	217,802	10,027,604
		60,992,295
<b>Retail REITs – 11.8%</b>		
Agree Realty Corp.	88,805	6,405,505
Brixmor Property Group, Inc.	396,639	8,016,074
Kimco Realty Corp.	468,027	9,252,894
Phillips Edison & Company, Inc.	241,545	8,070,018
Simon Property Group, Inc.	55,263	5,245,564
Tanger Factory Outlet Centers, Inc.	112,854	1,604,784
		38,594,839
<b>Specialized REITs – 26.1%</b>		
American Tower Corp.	63,214	16,156,866
CubeSmart	122,917	5,251,014
Digital Realty Trust, Inc.	57,004	7,400,829
Equinix, Inc.	14,623	9,607,603
Life Storage, Inc.	90,975	10,158,269
Public Storage	59,246	18,524,447
SBA Communications Corp.	19,507	6,243,215
VICI Properties, Inc.	394,786	11,760,675
		85,102,918
		308,708,988
<b>Real estate management and development – 3.0%</b>		
<b>Real estate operating companies – 1.6%</b>		
Tricon Residential, Inc.	512,051	5,191,319
<b>Real estate services – 1.4%</b>		
CBRE Group, Inc., Class A (A)	32,289	2,376,793
Colliers International Group, Inc. (Nasdaq Exchange) (C)	21,949	2,408,025
		4,784,818
		9,976,137
		318,685,125
<b>TOTAL COMMON STOCKS (Cost \$323,761,908)</b>		<b>\$ 321,915,516</b>
<b>SHORT-TERM INVESTMENTS – 1.2%</b>		
<b>Short-term funds – 1.2%</b>		
John Hancock Collateral Trust, 1.4215% (D)(E)	232,550	2,324,661
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (D)	1,559,543	1,559,543
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$3,884,227)</b>		<b>\$ 3,884,204</b>
<b>Total Investments (Real Estate Securities Trust) (Cost \$327,646,135) – 99.9%</b>		<b>\$ 325,799,720</b>
<b>Other assets and liabilities, net – 0.1%</b>		<b>316,020</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 326,115,740</b>

### Security Abbreviations and Legend

(A)	Non-income producing security.
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# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Real Estate Securities Trust (continued)

- (B) 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.
- (C) All or a portion of this security is on loan as of 6-30-22.
- (D) The rate shown is the annualized seven-day yield as of 6-30-22.
- (E) Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## Science & Technology Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 95.9%</b>		
<b>Communication services – 17.3%</b>		
<b>Entertainment – 3.8%</b>		
CTS Eventim AG & Company KGaA (A)	77,089	\$ 4,053,087
Netflix, Inc. (A)	23,374	4,087,411
ROBLOX Corp., Class A (A)	492,390	16,179,935
		24,320,433
<b>Interactive media and services – 13.5%</b>		
Alphabet, Inc., Class A (A)	12,771	27,831,329
Baidu, Inc., ADR (A)	132,180	19,649,835
Kanzhun, Ltd., ADR (A)	61,561	1,617,823
Meta Platforms, Inc., Class A (A)	197,213	31,800,596
Pinterest, Inc., Class A (A)	378,261	6,869,220
VK Company, Ltd., GDR (A)(B)	791,720	248,600
		88,017,403
		112,337,836
<b>Consumer discretionary – 28.5%</b>		
<b>Automobiles – 0.2%</b>		
Rivian Automotive, Inc., Class A (A)	46,575	1,198,841
<b>Diversified consumer services – 0.3%</b>		
New Oriental Education & Technology Group, Inc., ADR (A)	88,235	1,796,465
<b>Hotels, restaurants and leisure – 5.7%</b>		
Booking Holdings, Inc. (A)	1,654	2,892,829
Tongcheng Travel Holdings, Ltd. (A)	1,221,200	2,640,390
Trip.com Group, Ltd., ADR (A)	1,166,632	32,024,048
		37,557,267
<b>Internet and direct marketing retail – 21.7%</b>		
Alibaba Group Holding, Ltd., ADR (A)	213,018	24,215,886
Amazon.com, Inc. (A)	364,330	38,695,489
Boohoo Group PLC (A)	4,070,494	2,732,588
Coupang, Inc. (A)	552,238	7,041,035
Deliveroo PLC (A)(C)	1,701,862	1,882,956
Delivery Hero SE (A)(C)	447,426	16,833,342
D-Market Elektronik Hizmetler ve Ticaret AS, ADR (A)(D)	174,593	106,153
DoorDash, Inc., Class A (A)	71,404	4,581,995
Etsy, Inc. (A)	166,600	12,196,786
MercadoLibre, Inc. (A)	12,727	8,105,444
Naspers, Ltd., N Shares	43,956	6,421,376
Wayfair, Inc., Class A (A)(D)	33,418	1,455,688
Zalando SE (A)(C)	643,443	16,908,557
		141,177,295
<b>Specialty retail – 0.6%</b>		
Auto1 Group SE (A)(C)(D)	253,106	1,863,025
Warby Parker, Inc., Class A (A)(D)	185,750	2,091,545
		3,954,570
		185,684,438
<b>Health care – 0.6%</b>		
<b>Health care technology – 0.6%</b>		
Veeva Systems, Inc., Class A (A)	20,571	4,073,881

## Science & Technology Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Information technology – 48.5%</b>		
<b>Electronic equipment, instruments and components – 0.1%</b>		
Samsung SDI Company, Ltd.	2,253	\$ 929,103
<b>IT services – 3.9%</b>		
Accenture PLC, Class A	82,918	23,022,183
MongoDB, Inc. (A)	9,508	2,467,326
		25,489,509
<b>Semiconductors and semiconductor equipment – 13.0%</b>		
Advanced Micro Devices, Inc. (A)	216,213	16,533,808
Applied Materials, Inc.	54,200	4,931,116
Lam Research Corp.	15,033	6,406,313
Micron Technology, Inc.	127,017	7,021,500
NVIDIA Corp.	179,838	27,261,642
Qualcomm, Inc.	141,243	18,042,381
SK Hynix, Inc.	30,589	2,160,014
Tokyo Electron, Ltd.	5,900	1,925,720
		84,282,494
<b>Software – 26.1%</b>		
Darktrace PLC (A)	1,946	6,984
ForgeRock, Inc., Class A (A)(D)	34,792	745,245
Fortinet, Inc. (A)	197,522	11,175,795
HubSpot, Inc. (A)	26,102	7,847,566
Intuit, Inc.	22,518	8,679,338
Microsoft Corp.	230,534	59,208,047
Qualtrics International, Inc., Class A (A)	298,898	3,739,214
salesforce.com, Inc. (A)	287,044	47,373,742
TeamViewer AG (A)(C)	272,008	2,716,029
Workday, Inc., Class A (A)	59,465	8,300,125
Zoom Video Communications, Inc., Class A (A)	186,908	20,180,457
		169,972,542
<b>Technology hardware, storage and peripherals – 5.4%</b>		
Pure Storage, Inc., Class A (A)	1,231,241	31,655,206
Samsung Electronics Company, Ltd.	79,348	3,499,830
		35,155,036
		315,828,684
<b>Real estate – 1.0%</b>		
<b>Real estate management and development – 1.0%</b>		
KE Holdings, Inc., ADR (A)	148,173	2,659,705
Opendoor Technologies, Inc. (A)(D)	789,116	3,716,736
		6,376,441
<b>TOTAL COMMON STOCKS (Cost \$739,899,130)</b>		<b>\$ 624,301,280</b>
<b>SHORT-TERM INVESTMENTS – 6.6%</b>		
<b>Short-term funds – 2.3%</b>		
John Hancock Collateral Trust, 1.4215% (E)(F)	478,021	4,778,485
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (E)	504,643	504,643
T. Rowe Price Government Reserve Fund, 0.6654% (E)	9,776,750	9,776,750
		15,059,878

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Science & Technology Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>Repurchase agreement – 4.3%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-22 at 0.240% to be repurchased at \$27,970,186 on 7-1-22, collateralized by \$28,560,700 U.S. Treasury Notes, 3.000% due 6-30-24 (valued at \$28,529,455)	\$ 27,970,000	\$ 27,970,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$43,029,971)</b>		<b>\$ 43,029,878</b>
<b>Total Investments (Science &amp; Technology Trust)</b> (Cost \$782,929,101) – 102.5%		<b>\$ 667,331,158</b>
<b>Other assets and liabilities, net – (2.5%)</b>		<b>(16,160,036)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 651,171,122</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
GDR	Global Depositary Receipt
(A)	Non-income producing security.
(B)	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.
(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.
(D)	All or a portion of this security is on loan as of 6-30-22.
(E)	The rate shown is the annualized seven-day yield as of 6-30-22.
(F)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## Small Cap Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 96.1%</b>		
<b>Communication services – 2.7%</b>		
<b>Diversified telecommunication services – 0.6%</b>		
Anterix, Inc. (A)	2,603	\$ 106,905
ATN International, Inc.	2,282	107,049
Bandwidth, Inc., Class A (A)	4,967	93,479
Charge Enterprises, Inc. (A)	22,781	108,665
Cogent Communications Holdings, Inc. Consolidated Communications Holdings, Inc. (A)	8,741	531,103
EchoStar Corp., Class A (A)	15,848	110,936
Globalstar, Inc. (A)(B)	7,334	141,546
IDT Corp., Class B (A)	144,471	177,699
Iridium Communications, Inc. (A)	3,096	77,864
Liberty Latin America, Ltd., Class A (A)	26,198	983,997
Liberty Latin America, Ltd., Class C (A)	14,435	112,593
Ooma, Inc. (A)	26,325	205,072
Radius Global Infrastructure, Inc., Class A (A)	5,150	60,976
		236,957
		3,054,841
<b>Entertainment – 0.3%</b>		
Cinemark Holdings, Inc. (A)	22,667	340,458
IMAX Corp. (A)	10,255	173,207
Liberty Media Corp.-Liberty Braves, Class A (A)	3,480	87,522
Liberty Media Corp.-Liberty Braves, Class C (A)	6,622	158,928
Lions Gate Entertainment Corp., Class A (A)	12,528	116,636

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Entertainment (continued)</b>		
Lions Gate Entertainment Corp., Class B (A)	24,200	\$ 213,686
Madison Square Garden Entertainment Corp. (A)	5,339	280,938
Playstudios, Inc. (A)	17,049	72,970
Skillz, Inc. (A)	65,294	80,965
The Marcus Corp. (A)(B)	5,397	79,714
		1,605,024
<b>Interactive media and services – 0.7%</b>		
Bumble, Inc., Class A (A)	17,809	501,323
CarGurus, Inc. (A)	21,039	452,128
Cars.com, Inc. (A)	14,451	136,273
DHI Group, Inc. (A)	9,975	49,576
Eventbrite, Inc., Class A (A)	16,042	164,751
EverQuote, Inc., Class A (A)	4,383	38,746
FuboTV, Inc. (A)(B)	37,906	93,628
MediaAlpha, Inc., Class A (A)	5,247	51,683
Outbrain, Inc. (A)(B)	9,300	46,779
QuinStreet, Inc. (A)	10,877	109,423
TrueCar, Inc. (A)	21,415	55,465
Vimeo, Inc. (A)	30,022	180,732
Yelp, Inc. (A)	14,110	391,835
Ziff Davis, Inc. (A)	9,343	696,334
ZipRecruiter, Inc., Class A (A)	16,579	245,701
		3,214,377
<b>Media – 0.9%</b>		
Advantage Solutions, Inc. (A)	18,231	69,278
AMC Networks, Inc., Class A (A)	6,381	185,815
Boston Omaha Corp., Class A (A)	4,433	91,541
Cardlytics, Inc. (A)	6,978	155,679
Clear Channel Outdoor Holdings, Inc. (A)	79,505	85,070
Daily Journal Corp. (A)	274	70,911
Entravision Communications Corp., Class A	14,025	63,954
Gannett Company, Inc. (A)	31,601	91,643
Gray Television, Inc.	17,636	297,872
iHeartMedia, Inc., Class A (A)	25,585	201,866
Integral Ad Science Holding Corp. (A)	8,302	82,439
John Wiley & Sons, Inc., Class A	8,729	416,897
Magnite, Inc. (A)	27,144	241,039
PubMatic, Inc., Class A (A)	8,652	137,480
Scholastic Corp.	5,773	207,655
Sinclair Broadcast Group, Inc., Class A	8,814	179,806
Stagwell, Inc. (A)	16,722	90,800
TechTarget, Inc. (A)	5,633	370,201
TEGNA, Inc.	45,664	957,574
The EW Scripps Company, Class A (A)	12,631	157,509
Thryv Holdings, Inc. (A)	5,315	119,003
WideOpenWest, Inc. (A)	11,108	202,277
		4,476,309
<b>Wireless telecommunication services – 0.2%</b>		
Gogo, Inc. (A)	10,402	168,408
Shenandoah Telecommunications Company	10,037	222,821
Telephone & Data Systems, Inc.	20,582	324,990
United States Cellular Corp. (A)	3,002	86,938
		803,157
		13,153,708
<b>Consumer discretionary – 9.6%</b>		
<b>Auto components – 1.3%</b>		
Adient PLC (A)	19,577	580,067
American Axle & Manufacturing Holdings, Inc. (A)	23,593	177,655
Dana, Inc.	26,659	375,092



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Auto components (continued)</b>		
Dorman Products, Inc. (A)	5,359	\$ 587,936
Fox Factory Holding Corp. (A)	8,737	703,678
Gentherm, Inc. (A)	6,816	425,387
Holley, Inc. (A)	10,881	114,251
LCI Industries	5,082	568,574
Luminar Technologies, Inc. (A)	49,366	292,740
Modine Manufacturing Company (A)	10,904	114,819
Motorcar Parts of America, Inc. (A)	4,332	56,836
Patrick Industries, Inc.	4,518	234,213
Solid Power, Inc. (A)	12,264	65,980
Standard Motor Products, Inc.	4,057	182,524
Stoneridge, Inc. (A)	5,649	96,880
Tenneco, Inc., Class A (A)	17,054	292,647
The Goodyear Tire & Rubber Company (A)	57,700	617,967
Visteon Corp. (A)	5,722	592,685
XPEL, Inc. (A)	4,482	205,858
		6,285,789
<b>Automobiles – 0.2%</b>		
Canoo, Inc. (A)(B)	26,013	48,124
Cenntro Electric Group, Ltd. (A)	39,947	60,320
Faraday Future Intelligent Electric, Inc. (A)(B)	23,116	60,102
Fisker, Inc. (A)(B)	33,671	288,560
Lordstown Motors Corp., Class A (A)	35,572	56,204
Winnebago Industries, Inc.	6,559	318,505
Workhorse Group, Inc. (A)(B)	32,125	83,525
		915,340
<b>Distributors – 0.0%</b>		
Funko, Inc., Class A (A)	6,735	150,325
Weyco Group, Inc.	1,663	40,660
		190,985
<b>Diversified consumer services – 0.9%</b>		
2U, Inc. (A)	15,716	164,547
Adtalem Global Education, Inc. (A)	9,219	331,607
American Public Education, Inc. (A)	4,191	67,727
Carriage Services, Inc.	2,830	112,210
Chegg, Inc. (A)	25,572	480,242
Coursera, Inc. (A)	23,435	332,308
Duolingo, Inc. (A)	4,869	426,281
European Wax Center, Inc., Class A	4,497	79,237
frontdoor, Inc. (A)	17,135	412,611
Graham Holdings Company, Class B	738	418,328
Laureate Education, Inc.	23,354	270,206
OneSpaWorld Holdings, Ltd. (A)	14,233	102,051
Perdoceo Education Corp. (A)	14,192	167,182
PowerSchool Holdings, Inc., Class A (A)	9,598	115,656
Rover Group, Inc. (A)	19,831	74,565
Strategic Education, Inc.	4,686	330,738
Stride, Inc. (A)	8,266	337,170
Udemy, Inc. (A)	15,156	154,743
Universal Technical Institute, Inc. (A)	7,389	52,684
Vivint Smart Home, Inc. (A)	20,742	72,182
WW International, Inc. (A)	11,629	74,309
		4,576,584
<b>Hotels, restaurants and leisure – 2.0%</b>		
Accel Entertainment, Inc. (A)	12,515	132,909
Bally's Corp. (A)	8,360	165,361
BJ's Restaurants, Inc. (A)	4,990	108,183
Bloomin' Brands, Inc.	18,300	304,146
Bluegreen Vacations Holding Corp.	2,859	71,361
Bowlero Corp. (A)(B)	8,460	89,591
Brinker International, Inc. (A)	9,065	199,702
Century Casinos, Inc. (A)	6,660	47,952

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Chuy's Holdings, Inc. (A)	4,272	\$ 85,098
Cracker Barrel Old Country Store, Inc.	4,759	397,329
Dave & Buster's Entertainment, Inc. (A)	8,904	291,873
Denny's Corp. (A)	13,077	113,508
Dine Brands Global, Inc.	3,264	212,421
El Pollo Loco Holdings, Inc. (A)	5,129	50,469
Everi Holdings, Inc. (A)	18,257	297,772
Full House Resorts, Inc. (A)	7,804	47,448
Golden Entertainment, Inc. (A)	4,241	167,732
Hilton Grand Vacations, Inc. (A)	18,350	655,646
Inspired Entertainment, Inc. (A)	5,089	43,816
International Game Technology PLC	20,611	382,540
Jack in the Box, Inc.	4,373	245,150
Krispy Kreme, Inc.	14,983	203,769
Kura Sushi USA, Inc., Class A (A)	1,087	53,839
Life Time Group Holdings, Inc. (A)	9,002	115,946
Light & Wonder, Inc. (A)	20,172	947,882
Lindblad Expeditions Holdings, Inc. (A)	7,370	59,697
Monarch Casino & Resort, Inc. (A)	2,724	159,817
NeoGames SA (A)	3,019	40,485
Noodles & Company (A)	10,129	47,606
Papa John's International, Inc.	6,785	566,683
Portillo's, Inc., Class A (A)	4,438	72,561
RCI Hospitality Holdings, Inc.	1,897	91,739
Red Rock Resorts, Inc., Class A	10,986	366,493
Rush Street Interactive, Inc. (A)	13,492	63,008
Ruth's Hospitality Group, Inc.	7,004	113,885
SeaWorld Entertainment, Inc. (A)	9,340	412,641
Shake Shack, Inc., Class A (A)	7,779	307,115
Target Hospitality Corp. (A)	7,214	41,192
Texas Roadhouse, Inc.	14,015	1,025,898
The Cheesecake Factory, Inc.	10,354	273,553
Wingstop, Inc.	6,197	463,350
Xponential Fitness, Inc., Class A (A)	3,938	49,461
		9,586,627
<b>Household durables – 1.5%</b>		
Beazer Homes USA, Inc. (A)	6,444	77,779
Cavco Industries, Inc. (A)	1,904	373,165
Century Communities, Inc.	6,003	269,955
Dream Finders Homes, Inc., Class A (A)	4,607	49,018
Ethan Allen Interiors, Inc.	4,778	96,563
GoPro, Inc., Class A (A)	27,208	150,460
Green Brick Partners, Inc. (A)	5,956	116,559
Hamilton Beach Brands Holding Company, Class B	1,197	14,855
Helen of Troy, Ltd. (A)	4,851	787,851
Hovnanian Enterprises, Inc., Class A (A)	1,154	49,380
Installed Building Products, Inc.	5,007	416,382
iRobot Corp. (A)	5,625	206,719
KB Home	16,265	462,902
La-Z-Boy, Inc.	8,885	210,663
LGI Homes, Inc. (A)	4,310	374,539
M/I Homes, Inc. (A)	5,631	223,325
MDC Holdings, Inc.	11,659	376,702
Meritage Homes Corp. (A)	7,417	537,733
Purple Innovation, Inc. (A)	12,455	38,112
Skyline Champion Corp. (A)	11,013	522,236
Snap One Holdings Corp. (A)(B)	4,331	39,715
Sonos, Inc. (A)	26,352	475,390
Taylor Morrison Home Corp. (A)	23,593	551,132
The Lovesac Company (A)	3,014	82,885
Tri Pointe Homes, Inc. (A)	20,896	352,516
Tupperware Brands Corp. (A)	9,904	62,791
Universal Electronics, Inc. (A)	2,947	75,355
Vizio Holding Corp., Class A (A)	14,428	98,399

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Household durables (continued)</b>		
Vuzix Corp. (A)(B)	12,567	\$ 89,226
Weber, Inc., Class A (B)	6,386	46,043
		7,228,350
<b>Internet and direct marketing retail – 0.4%</b>		
1-800-Flowers.com, Inc., Class A (A)	5,909	56,195
CarParts.com, Inc. (A)	10,956	76,035
ContextLogic, Inc., Class A (A)	118,196	189,114
Groupon, Inc. (A)(B)	4,614	52,138
Lands' End, Inc. (A)	3,727	39,581
Liquidity Services, Inc. (A)	5,669	76,191
Overstock.com, Inc. (A)	8,827	220,763
PetMed Express, Inc.	4,270	84,973
Porch Group, Inc. (A)	18,814	48,164
Poshmark, Inc., Class A (A)	9,689	97,956
Quotient Technology, Inc. (A)	19,584	58,164
Qurate Retail, Inc., Series A	72,434	207,886
Revolve Group, Inc. (A)	8,476	219,613
Shutterstock, Inc.	5,027	288,097
Stitch Fix, Inc., Class A (A)	17,111	84,528
The RealReal, Inc. (A)	19,248	47,928
ThredUp, Inc., Class A (A)	13,070	32,675
Vivid Seats, Inc., Class A	5,726	42,773
Xometry, Inc., Class A (A)(B)	7,033	238,630
		2,161,404
<b>Leisure products – 0.5%</b>		
Acushnet Holdings Corp.	7,033	293,135
AMMO, Inc. (A)(B)	18,845	72,553
Callaway Golf Company (A)	28,824	588,010
Clarus Corp.	6,189	117,529
Johnson Outdoors, Inc., Class A	1,187	72,597
Latham Group, Inc. (A)	9,455	65,523
Malibu Boats, Inc., Class A (A)	4,312	227,286
MasterCraft Boat Holdings, Inc. (A)	4,058	85,421
Smith & Wesson Brands, Inc.	9,520	124,998
Sturm Ruger & Company, Inc.	3,501	222,839
Vinco Ventures, Inc. (A)	38,997	53,816
Vista Outdoor, Inc. (A)	11,379	317,474
		2,241,181
<b>Multiline retail – 0.1%</b>		
Big Lots, Inc. (B)	5,945	124,667
Dillard's, Inc., Class A (B)	880	194,102
Franchise Group, Inc.	5,699	199,864
		518,633
<b>Specialty retail – 2.1%</b>		
Abercrombie & Fitch Company, Class A (A)	10,425	176,391
Academy Sports & Outdoors, Inc.	17,209	611,608
American Eagle Outfitters, Inc.	31,869	356,295
America's Car-Mart, Inc. (A)	1,269	127,661
Arko Corp.	17,830	145,493
Asbury Automotive Group, Inc. (A)	4,529	766,941
Bed Bath & Beyond, Inc. (A)(B)	16,915	84,068
Big 5 Sporting Goods Corp. (B)	4,740	53,135
Boot Barn Holdings, Inc. (A)	6,097	420,144
Build-A-Bear Workshop, Inc.	3,098	50,869
Caleres, Inc.	7,620	199,949
Camping World Holdings, Inc., Class A	7,986	172,418
Chico's FAS, Inc. (A)	26,267	130,547
Citi Trends, Inc. (A)	1,983	46,898
Designer Brands, Inc., Class A	12,190	159,201
Destination XL Group, Inc. (A)	14,196	48,124
EVgo, Inc. (A)(B)	14,482	87,037
Foot Locker, Inc.	17,108	431,977
Genesco, Inc. (A)	2,778	138,650

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
Group 1 Automotive, Inc.	3,272	\$ 555,586
GrowGeneration Corp. (A)(B)	13,338	47,883
Guess?, Inc.	7,258	123,749
Haverty Furniture Companies, Inc.	3,230	74,871
Hibbett, Inc.	2,692	117,667
LL Flooring Holdings, Inc. (A)	6,433	60,277
MarineMax, Inc. (A)	4,339	156,725
Monro, Inc.	6,840	293,299
Murphy USA, Inc.	4,585	1,067,709
National Vision Holdings, Inc. (A)	16,778	461,395
OneWater Marine, Inc., Class A (A)	2,445	80,807
Rent-A-Center, Inc.	11,069	215,292
Sally Beauty Holdings, Inc. (A)	22,027	262,562
Shoe Carnival, Inc.	3,937	85,079
Signet Jewelers, Ltd.	9,594	512,895
Sleep Number Corp. (A)	4,568	141,380
Sonic Automotive, Inc., Class A	4,125	151,099
Sportsman's Warehouse Holdings, Inc. (A)	9,373	89,887
The Aaron's Company, Inc.	6,388	92,945
The Buckle, Inc.	6,270	173,616
The Cato Corp., Class A	4,320	50,155
The Children's Place, Inc. (A)	2,809	109,326
The Container Store Group, Inc. (A)	7,214	44,943
The ODP Corp. (A)	8,884	268,652
Tilly's, Inc., Class A	5,764	40,463
TravelCenters of America, Inc. (A)	2,731	94,138
Urban Outfitters, Inc. (A)	13,753	256,631
Volta, Inc. (A)(B)	28,963	37,652
Warby Parker, Inc., Class A (A)	17,262	194,370
Winmark Corp.	607	118,711
Zumiez, Inc. (A)	3,457	89,882
		10,277,052
<b>Textiles, apparel and luxury goods – 0.6%</b>		
Allbirds, Inc., Class A (A)	21,013	82,581
Crocs, Inc. (A)	12,517	609,202
Ermenegildo Zegna Holditalia SpA (A)(B)	10,252	108,159
Fossil Group, Inc. (A)	10,129	52,367
G-III Apparel Group, Ltd. (A)	9,191	185,934
Kontoor Brands, Inc.	11,673	389,528
Movado Group, Inc.	3,335	103,152
Oxford Industries, Inc.	3,191	283,169
PLBY Group, Inc. (A)(B)	7,052	45,133
Rocky Brands, Inc.	1,696	57,969
Steven Madden, Ltd.	16,325	525,828
Superior Group of Companies, Inc.	3,284	58,291
Wolverine World Wide, Inc.	16,720	337,075
		2,838,388
		46,820,333
<b>Consumer staples – 3.6%</b>		
<b>Beverages – 0.5%</b>		
Celsius Holdings, Inc. (A)	11,269	735,415
Coca-Cola Consolidated, Inc.	964	543,600
MGP Ingredients, Inc.	2,865	286,758
National Beverage Corp.	4,853	237,506
Primo Water Corp.	32,214	431,023
The Duckhorn Portfolio, Inc. (A)	7,384	155,507
The Vita Coco Company, Inc. (A)	6,098	59,699
Vintage Wine Estates, Inc. (A)	7,041	55,342
		2,504,850
<b>Food and staples retailing – 0.6%</b>		
HF Foods Group, Inc. (A)	8,421	43,958
Ingles Markets, Inc., Class A	2,947	255,652
PriceSmart, Inc.	4,999	358,078
Rite Aid Corp. (A)(B)	11,735	79,094

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Food and staples retailing (continued)</b>		
SpartanNash Company	7,400	\$ 223,258
Sprouts Farmers Market, Inc. (A)	22,632	573,042
The Andersons, Inc.	6,656	219,581
The Chefs' Warehouse, Inc. (A)	7,142	277,752
United Natural Foods, Inc. (A)	11,899	468,821
Village Super Market, Inc., Class A	2,348	53,558
Weis Markets, Inc.	3,399	253,361
		2,806,155
<b>Food products – 1.4%</b>		
Alico, Inc.	1,445	51,485
AppHarvest, Inc. (A)(B)	15,336	53,523
B&G Foods, Inc.	13,869	329,805
Benson Hill, Inc. (A)	36,552	100,152
Beyond Meat, Inc. (A)	12,696	303,942
BRC, Inc., Class A (A)(B)	5,736	46,806
Calavo Growers, Inc.	3,677	153,404
Cal-Maine Foods, Inc.	7,759	383,372
Fresh Del Monte Produce, Inc.	6,181	182,525
Hostess Brands, Inc. (A)	28,125	596,531
J&J Snack Foods Corp.	3,101	433,086
John B. Sanfilippo & Son, Inc.	1,790	129,757
Lancaster Colony Corp.	3,962	510,226
Landec Corp. (A)	5,984	59,660
Mission Produce, Inc. (A)	8,358	119,102
Sanderson Farms, Inc.	4,336	934,538
Seneca Foods Corp., Class A (A)	1,287	71,480
Sovos Brands, Inc. (A)	6,007	95,331
SunOpta, Inc. (A)	20,845	162,174
Tattooed Chef, Inc. (A)(B)	10,746	67,700
The Hain Celestial Group, Inc. (A)	15,483	367,566
The Simply Good Foods Company (A)	18,471	697,650
Tootsie Roll Industries, Inc.	2,935	103,752
TreeHouse Foods, Inc. (A)	10,448	436,935
Utz Brands, Inc.	13,630	188,367
Vital Farms, Inc. (A)	6,719	58,791
Whole Earth Brands, Inc. (A)	9,502	58,912
		6,696,572
<b>Household products – 0.3%</b>		
Central Garden & Pet Company (A)	3,275	138,926
Central Garden & Pet Company, Class A (A)	7,070	282,871
Energizer Holdings, Inc.	13,608	385,787
WD-40 Company	2,753	554,344
		1,361,928
<b>Personal products – 0.7%</b>		
BellRing Brands, Inc. (A)	24,013	597,684
Edgewell Personal Care Company	11,026	380,618
elf Beauty, Inc. (A)	10,051	308,365
Herbalife Nutrition, Ltd. (A)	20,355	416,260
Inter Parfums, Inc.	3,697	270,103
Medifast, Inc.	2,334	421,310
Nu Skin Enterprises, Inc., Class A	10,211	442,136
The Beauty Health Company (A)	20,649	265,546
The Honest Company, Inc. (A)	15,150	44,238
USANA Health Sciences, Inc. (A)	2,259	163,461
Veru, Inc. (A)(B)	13,454	152,030
		3,461,751
<b>Tobacco – 0.1%</b>		
22nd Century Group, Inc. (A)(B)	35,441	75,489
Turning Point Brands, Inc.	3,052	82,801
Universal Corp.	4,834	292,457

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Tobacco (continued)</b>		
Vector Group, Ltd.	29,445	\$ 309,173
		759,920
		17,591,176
<b>Energy – 5.4%</b>		
<b>Energy equipment and services – 1.5%</b>		
Archrock, Inc.	27,640	228,583
Borr Drilling, Ltd. (A)	28,324	130,574
Bristow Group, Inc. (A)	4,673	109,348
Cactus, Inc., Class A	12,025	484,247
ChampionX Corp.	41,899	831,695
Diamond Offshore Drilling, Inc. (A)	20,891	123,048
DMC Global, Inc. (A)	4,123	74,338
Dril-Quip, Inc. (A)	7,026	181,271
Expro Group Holdings NV (A)	16,173	186,313
Helix Energy Solutions Group, Inc. (A)	30,934	95,895
Helmerich & Payne, Inc.	21,024	905,293
Liberty Energy, Inc. (A)	29,323	374,161
Nabors Industries, Ltd. (A)	1,883	252,134
National Energy Services Reunited Corp. (A)	8,069	54,708
Newpark Resources, Inc. (A)	19,300	59,637
NexTier Oilfield Solutions, Inc. (A)	36,212	344,376
Noble Corp. (A)	7,660	194,181
Oceaneering International, Inc. (A)	20,984	224,109
Oil States International, Inc. (A)	13,500	73,170
Patterson-UTI Energy, Inc.	44,181	696,293
ProPetro Holding Corp. (A)	18,007	180,070
RPC, Inc. (A)	15,736	108,736
Select Energy Services, Inc., Class A (A)	15,590	106,324
Solaris Oilfield Infrastructure, Inc., Class A	6,755	73,494
TETRA Technologies, Inc. (A)	26,769	108,682
Tidewater, Inc. (A)	8,011	168,952
U.S. Silica Holdings, Inc. (A)	15,477	176,747
Valaris, Ltd. (A)	12,432	525,128
Weatherford International PLC (A)	14,673	310,627
		7,382,134
<b>Oil, gas and consumable fuels – 3.9%</b>		
Alto Ingredients, Inc. (A)	15,709	58,280
Amplify Energy Corp. (A)	7,944	51,954
Arch Resources, Inc.	3,112	445,296
Archaea Energy, Inc. (A)	12,437	193,147
Ardmore Shipping Corp. (A)	8,030	55,969
Berry Corp.	16,982	129,403
Brigham Minerals, Inc., Class A	10,368	255,364
California Resources Corp.	15,934	613,459
Callon Petroleum Company (A)	10,144	397,645
Centennial Resource Development, Inc., Class A (A)	42,493	254,108
Centrus Energy Corp., Class A (A)	2,443	60,464
Civitas Resources, Inc.	15,072	788,115
Clean Energy Fuels Corp. (A)	35,516	159,112
CNX Resources Corp. (A)	39,415	648,771
Comstock Resources, Inc. (A)	18,872	227,974
CONSOL Energy, Inc. (A)	7,074	349,314
Crescent Energy Company, Class A (B)	7,146	89,182
CVR Energy, Inc.	6,114	204,819
Delek US Holdings, Inc. (A)	14,550	375,972
Denbury, Inc. (A)	10,372	622,216
DHT Holdings, Inc.	28,564	175,097
Dorian LPG, Ltd.	6,515	99,028
Earthstone Energy, Inc., Class A (A)	8,935	121,963
Energy Fuels, Inc. (A)(B)	33,085	162,447
Equitrans Midstream Corp.	84,534	537,636
Excellerate Energy, Inc., Class A (A)	3,923	78,146

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
FLEX LNG, Ltd. (B)	5,904	\$ 161,711
Frontline, Ltd. (A)	25,687	227,587
Gevo, Inc. (A)	42,088	98,907
Golar LNG, Ltd. (A)	20,892	475,293
Green Plains, Inc. (A)	10,943	297,321
Gulfport Energy Corp. (A)	2,341	186,133
International Seaways, Inc.	10,083	213,760
Kinetik Holdings, Inc. (B)	3,452	117,851
Kosmos Energy, Ltd. (A)	93,132	576,487
Laredo Petroleum, Inc. (A)	3,537	243,841
Magnolia Oil & Gas Corp., Class A	34,210	718,068
Matador Resources Company	23,111	1,076,741
Murphy Oil Corp.	30,235	912,795
Nordic American Tankers, Ltd.	41,079	87,498
Northern Oil and Gas, Inc.	13,519	341,490
Oasis Petroleum, Inc.	3,979	484,045
Par Pacific Holdings, Inc. (A)	10,253	159,844
PBF Energy, Inc., Class A (A)	19,908	577,730
Peabody Energy Corp. (A)	24,240	517,039
Ranger Oil Corp., Class A (A)	4,466	146,797
REX American Resources Corp. (A)	1,133	96,078
Riley Exploration Permian, Inc.	2,214	53,535
Ring Energy, Inc. (A)	18,769	49,926
SandRidge Energy, Inc. (A)	6,773	106,133
Scorpio Tankers, Inc.	10,226	352,899
SFL Corp., Ltd.	23,496	222,977
SilverBow Resources, Inc. (A)	2,456	69,652
Sitio Royalties Corp.	2,633	61,033
SM Energy Company	24,932	852,425
Talos Energy, Inc. (A)	13,644	211,073
Teekay Corp. (A)	17,147	49,383
Teekay Tankers, Ltd., Class A (A)	4,856	85,611
Tellurian, Inc. (A)	105,462	314,277
Uranium Energy Corp. (A)(B)	58,785	181,058
Ur-Energy, Inc. (A)(B)	45,114	47,821
VAALCO Energy, Inc.	12,561	87,173
Vertex Energy, Inc. (A)	11,349	119,391
W&T Offshore, Inc. (A)	19,739	85,272
Whiting Petroleum Corp.	8,015	545,260
World Fuel Services Corp.	12,534	256,446
		18,623,242
		26,005,376
<b>Financials – 16.4%</b>		
<b>Banks – 9.2%</b>		
1st Source Corp.	3,101	140,785
ACNB Corp.	2,239	66,476
Allegiance Bancshares, Inc.	4,019	151,757
Amalgamated Financial Corp.	3,356	66,382
Amerant Bancorp, Inc.	5,953	167,398
American National Bankshares, Inc.	2,727	94,381
Ameris Bancorp	13,583	545,765
Arrow Financial Corp.	3,012	95,812
Associated Banc-Corp.	30,356	554,301
Atlantic Union Bankshares Corp.	15,177	514,804
Banc of California, Inc.	11,480	202,278
BancFirst Corp.	4,008	383,606
Bank First Corp. (B)	1,355	102,723
Bank of Marin Bancorp	3,595	114,249
BankUnited, Inc.	16,401	583,384
Bankwell Financial Group, Inc.	1,794	55,704
Banner Corp.	6,677	375,314
Bar Harbor Bankshares	3,689	95,398
BayCom Corp.	3,316	68,575
BCB Bancorp, Inc.	3,734	63,590
Berkshire Hills Bancorp, Inc.	9,541	236,331

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Blue Ridge Bankshares, Inc.	4,037	\$ 61,847
Brookline Bancorp, Inc.	15,649	208,288
Business First Bankshares, Inc.	4,889	104,185
Byline Bancorp, Inc.	5,034	119,809
Cadence Bank	37,309	876,015
Cambridge Bancorp	1,456	120,411
Camden National Corp.	2,930	129,067
Capital Bancorp, Inc.	2,569	55,747
Capital City Bank Group, Inc.	3,660	102,077
Capstar Financial Holdings, Inc.	4,875	95,648
Carter Bankshares, Inc. (A)	6,240	82,368
Cathay General Bancorp	14,528	568,771
CBTX, Inc.	4,175	111,013
Central Pacific Financial Corp.	5,699	122,244
Citizens & Northern Corp.	3,747	90,565
City Holding Company	2,734	218,392
Civista Bancshares, Inc.	3,755	79,831
CNB Financial Corp.	3,861	93,398
Coastal Financial Corp. (A)	2,388	91,031
Colony Bankcorp, Inc.	4,518	68,177
Columbia Banking System, Inc.	15,831	453,558
Community Bank System, Inc.	10,554	667,857
Community Trust Bancorp, Inc.	3,022	122,210
ConnectOne Bancorp, Inc.	7,760	189,732
CrossFirst Bankshares, Inc. (A)	9,857	130,112
Customers Bancorp, Inc. (A)	6,367	215,841
CVB Financial Corp.	27,023	670,441
Dime Community Bankshares, Inc.	6,797	201,531
Eagle Bancorp, Inc.	6,299	298,636
Eastern Bankshares, Inc.	32,767	604,879
Enterprise Financial Services Corp.	6,925	287,388
Equity Bancshares, Inc., Class A	3,452	100,660
Esquire Financial Holdings, Inc.	1,862	62,005
Farmers & Merchants Bancorp, Inc.	2,777	92,169
Farmers National Banc Corp.	7,030	105,450
FB Financial Corp.	7,405	290,424
Financial Institutions, Inc.	3,519	91,564
First Bancorp (North Carolina)	7,156	249,744
First Bancorp (Puerto Rico)	40,252	519,653
First Bank	4,496	62,854
First Busey Corp.	10,583	241,822
First Business Financial Services, Inc.	2,019	62,973
First Commonwealth Financial Corp.	18,837	252,793
First Community Bankshares, Inc.	3,800	111,758
First Financial Bancorp	18,815	365,011
First Financial Bankshares, Inc.	26,439	1,038,260
First Financial Corp.	2,246	99,947
First Foundation, Inc.	10,559	216,248
First Internet Bancorp	2,216	81,593
First Interstate BancSystem, Inc., Class A	19,084	727,291
First Merchants Corp.	11,299	402,470
First Mid Bankshares, Inc.	3,935	140,361
First Western Financial, Inc. (A)	1,895	51,525
Flushing Financial Corp.	6,215	132,131
Fulton Financial Corp.	31,161	450,276
FVCBankcorp, Inc. (A)	3,519	66,263
German American Bancorp, Inc.	5,442	186,008
Glacier Bancorp, Inc.	22,525	1,068,136
Great Southern Bancorp, Inc.	1,890	110,678
Guaranty Bancshares, Inc.	2,024	73,370
Hancock Whitney Corp.	17,518	776,573
Hanmi Financial Corp.	6,503	145,927
HarborOne Bancorp, Inc.	9,967	137,445
Heartland Financial USA, Inc.	8,040	333,982
Heritage Commerce Corp.	12,904	137,944

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Heritage Financial Corp.	7,010	\$ 176,372
Hilltop Holdings, Inc.	12,437	331,570
Home BancShares, Inc.	38,654	802,844
HomeStreet, Inc.	3,828	132,717
HomeTrust Bancshares, Inc.	3,590	89,750
Hope Bancorp, Inc.	23,274	322,112
Horizon Bancorp, Inc.	8,685	151,293
Independent Bank Corp. (Massachusetts)	9,358	743,306
Independent Bank Corp. (Michigan)	4,866	93,816
Independent Bank Group, Inc.	7,373	500,700
International Bancshares Corp.	10,871	435,710
John Marshall Bancorp, Inc. (B)	2,789	62,864
Lakeland Bancorp, Inc.	12,832	187,604
Lakeland Financial Corp.	4,892	324,927
Live Oak Bancshares, Inc.	6,867	232,723
Macatawa Bank Corp.	8,874	78,446
Mercantile Bank Corp.	3,504	111,953
Meta Financial Group, Inc.	6,076	234,959
Metrcity Bankshares, Inc.	4,351	88,369
Metropolitan Bank Holding Corp. (A)	2,170	150,641
Mid Penn Bancorp, Inc.	3,494	94,233
Midland States Bancorp, Inc.	4,612	110,872
MidWestOne Financial Group, Inc.	3,222	95,758
MVB Financial Corp.	2,333	72,580
National Bank Holdings Corp., Class A	5,848	223,803
NBT Bancorp, Inc.	8,095	304,291
Nicolet Bankshares, Inc. (A)	2,460	177,956
Northeast Bank	1,713	62,576
Northwest Bancshares, Inc.	24,010	307,328
OceanFirst Financial Corp.	11,710	224,012
OFB Bancorp	9,745	247,523
Old National Bancorp	58,917	871,382
Old Second Bancorp, Inc.	9,404	125,826
Origin Bancorp, Inc.	4,671	181,235
Orrstown Financial Services, Inc.	2,986	72,172
Pacific Premier Bancorp, Inc.	19,030	556,437
Park National Corp.	2,728	330,770
Parke Bancorp, Inc.	2,673	56,026
PCB Bancorp	3,552	66,351
Peapack-Gladstone Financial Corp.	3,839	114,018
Peoples Bancorp, Inc.	5,682	151,141
Peoples Financial Services Corp.	1,622	90,572
Preferred Bank	2,795	190,116
Premier Financial Corp.	7,482	189,669
Primis Financial Corp.	6,047	82,421
Professional Holding Corp., Class A (A)	3,155	63,258
QCR Holdings, Inc.	3,355	181,136
RBB Bancorp	3,586	74,123
Renasant Corp.	11,013	317,285
Republic Bancorp, Inc., Class A	1,875	90,469
Republic First Bancorp, Inc. (A)	12,904	49,164
S&T Bancorp, Inc.	7,682	210,717
Sandy Spring Bancorp, Inc.	8,756	342,097
Seacoast Banking Corp. of Florida	12,379	409,002
ServisFirst Bancshares, Inc.	10,187	803,958
Shore Bancshares, Inc.	4,386	81,141
Sierra Bancorp	3,651	79,336
Silvergate Capital Corp., Class A (A)	6,505	348,213
Simmons First National Corp., Class A	24,820	527,673
SmartFinancial, Inc.	3,659	88,401
South Plains Financial, Inc.	2,659	64,188
Southern First Bancshares, Inc. (A)	1,911	83,300
Southside Bancshares, Inc.	5,879	219,992
SouthState Corp.	15,177	1,170,906
Stock Yards Bancorp, Inc.	5,856	350,306

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Texas Capital Bancshares, Inc. (A)	10,436	\$ 549,351
The Bancorp, Inc. (A)	11,702	228,423
The Bank of NT Butterfield & Son, Ltd.	10,226	318,949
The First Bancorp, Inc.	2,667	80,357
The First Bancshares, Inc.	4,234	121,092
The First of Long Island Corp.	5,562	97,502
Third Coast Bancshares, Inc. (A)	3,231	70,759
Tompkins Financial Corp.	2,623	189,118
Towne Bank	13,364	362,833
TriCo Bancshares	6,375	290,955
Triumph Bancorp, Inc. (A)	4,996	312,550
Trustmark Corp.	12,188	355,768
UMB Financial Corp.	8,753	753,633
United Bankshares, Inc.	26,912	943,804
United Community Banks, Inc.	21,570	651,198
Unity Bancorp, Inc.	1,979	52,404
Univest Financial Corp.	6,178	157,168
Valley National Bancorp	88,550	921,806
Veritex Holdings, Inc.	10,710	313,375
Washington Federal, Inc.	12,496	375,130
Washington Trust Bancorp, Inc.	3,476	168,134
WesBanco, Inc.	11,355	360,067
West BanCorp, Inc.	4,090	99,551
Westamerica BanCorp	4,943	275,127
		44,760,853
<b>Capital markets – 1.5%</b>		
Artisan Partners Asset Management, Inc., Class A	12,336	438,792
AssetMark Financial Holdings, Inc. (A)	4,554	85,479
B. Riley Financial, Inc.	4,214	178,042
BGC Partners, Inc., Class A	67,601	227,815
Blucora, Inc. (A)	9,975	184,139
BrightSphere Investment Group, Inc.	6,724	121,099
Cohen & Steers, Inc.	5,212	331,431
Cowen, Inc., Class A	5,488	130,011
Diamond Hill Investment Group, Inc.	655	113,734
Donnelley Financial Solutions, Inc. (A)	5,846	171,229
Ellington Financial, Inc.	11,653	170,950
Federated Hermes, Inc.	18,008	572,474
Focus Financial Partners, Inc., Class A (A)	11,983	408,141
GCM Grosvenor, Inc., Class A (B)	9,887	67,726
Hamilton Lane, Inc., Class A	7,266	488,130
Houlihan Lokey, Inc.	10,384	819,609
Manning & Napier, Inc.	3,970	49,506
Moelis & Company, Class A	13,242	521,073
Open Lending Corp., Class A (A)	22,081	225,889
Oppenheimer Holdings, Inc., Class A	1,929	63,734
Perella Weinberg Partners	10,509	61,267
Piper Sandler Companies	3,548	402,201
PJT Partners, Inc., Class A	4,892	343,810
Sculptor Capital Management, Inc.	6,058	50,584
Silvercrest Asset Management Group, Inc., Class A	2,577	42,289
StepStone Group, Inc., Class A	10,988	286,018
StoneX Group, Inc. (A)	3,534	275,899
Victory Capital Holdings, Inc., Class A	3,414	82,277
Virtus Investment Partners, Inc.	1,468	251,057
WisdomTree Investments, Inc.	28,986	146,959
		7,311,364
<b>Consumer finance – 0.6%</b>		
Encore Capital Group, Inc. (A)	4,937	285,210
Enova International, Inc. (A)	6,654	191,768
EZCORP, Inc., Class A (A)	11,204	84,142
FirstCash Holdings, Inc.	7,958	553,161
Green Dot Corp., Class A (A)	10,133	254,440

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Consumer finance (continued)</b>		
LendingClub Corp. (A)	20,969	\$ 245,128
LendingTree, Inc. (A)	2,242	98,244
Moneylion, Inc. (A)	34,713	45,821
Navient Corp.	24,075	336,809
Nelnet, Inc., Class A	3,039	259,075
NerdWallet, Inc., Class A (A)	5,833	46,256
Oportun Financial Corp. (A)	6,425	53,135
PRA Group, Inc. (A)	8,234	299,388
PROG Holdings, Inc. (A)	11,207	184,916
Regional Management Corp.	1,784	66,668
World Acceptance Corp. (A)	887	99,557
		3,103,718
<b>Diversified financial services – 0.3%</b>		
Alerus Financial Corp.	3,801	90,502
A-Mark Precious Metals, Inc.	3,730	120,293
Banco Latinoamericano de Comercio Exterior SA, Class E	6,684	88,697
Cannae Holdings, Inc. (A)	15,655	302,768
Compass Diversified Holdings	12,607	270,042
Jackson Financial, Inc., Class A	15,446	413,181
		1,285,483
<b>Insurance – 2.1%</b>		
Ambac Financial Group, Inc. (A)	10,094	114,567
American Equity Investment Life Holding Company	15,917	582,085
AMERISAFE, Inc.	4,038	210,016
Argo Group International Holdings, Ltd.	6,603	243,387
Bright Health Group, Inc. (A)(B)	43,136	78,508
BRP Group, Inc., Class A (A)	12,278	296,514
CNO Financial Group, Inc.	23,514	425,368
Donegal Group, Inc., Class A	3,929	66,989
eHealth, Inc. (A)	5,477	51,100
Employers Holdings, Inc.	5,686	238,187
Enstar Group, Ltd. (A)	2,350	502,853
Genworth Financial, Inc., Class A (A)	103,934	366,887
Goosehead Insurance, Inc., Class A	4,021	183,639
Greenlight Capital Re, Ltd., Class A (A)	7,654	59,165
HCI Group, Inc. (B)	1,560	105,706
Horace Mann Educators Corp.	8,476	325,309
James River Group Holdings, Ltd.	7,818	193,730
Kinsale Capital Group, Inc.	4,455	1,023,046
Lemonade, Inc. (A)	8,494	155,100
MBIA, Inc. (A)	10,440	128,934
Mercury General Corp.	5,509	244,049
National Western Life Group, Inc., Class A	451	91,418
Oscar Health, Inc., Class A (A)	25,184	107,032
Palomar Holdings, Inc. (A)	5,045	324,898
ProAssurance Corp.	11,328	267,681
RLI Corp.	7,998	932,487
Root, Inc., Class A (A)	32,515	38,693
Safety Insurance Group, Inc.	2,937	285,183
Selective Insurance Group, Inc.	12,240	1,064,146
Selectquote, Inc. (A)	29,055	72,056
SiriusPoint, Ltd. (A)	21,277	115,321
Stewart Information Services Corp.	5,520	274,620
Tiptree, Inc.	5,955	63,242
Trupanion, Inc. (A)	8,080	486,901
United Fire Group, Inc.	4,626	158,348
Universal Insurance Holdings, Inc.	6,118	79,718
		9,956,883
<b>Mortgage real estate investment trusts – 1.3%</b>		
AFC Gamma, Inc.	3,821	58,576
Apollo Commercial Real Estate Finance, Inc.	28,282	295,264

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Mortgage real estate investment trusts (continued)</b>		
Arbor Realty Trust, Inc.	31,849	\$ 417,540
Ares Commercial Real Estate Corp.	9,029	110,425
ARMOUR Residential REIT, Inc.	21,258	149,656
Blackstone Mortgage Trust, Inc., Class A	34,283	948,611
BrightSpire Capital, Inc.	20,280	153,114
Broadmark Realty Capital, Inc.	26,053	174,816
Chimera Investment Corp.	48,585	428,520
Claros Mortgage Trust, Inc.	18,907	316,692
Dynex Capital, Inc.	7,255	115,500
Franklin BSP Realty Trust, Inc.	17,344	233,797
Granite Point Mortgage Trust, Inc.	11,496	110,017
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	17,530	663,686
Invesco Mortgage Capital, Inc.	7,495	110,027
KKR Real Estate Finance Trust, Inc.	9,801	171,027
Ladder Capital Corp.	23,445	247,110
MFA Financial, Inc.	21,445	230,534
New York Mortgage Trust, Inc.	80,031	220,886
Orchid Island Capital, Inc.	38,247	109,004
PennyMac Mortgage Investment Trust	18,540	256,408
Ready Capital Corp.	15,183	180,981
Redwood Trust, Inc.	24,869	191,740
TPG RE Finance Trust, Inc.	14,613	131,663
Two Harbors Investment Corp.	70,916	353,162
		6,378,756
<b>Thriffs and mortgage finance – 1.4%</b>		
Axos Financial, Inc. (A)	11,764	421,739
Blue Foundry Bancorp (A)	7,250	86,928
Bridgewater Bancshares, Inc. (A)	5,012	80,894
Capitol Federal Financial, Inc.	26,813	246,143
Columbia Financial, Inc. (A)	7,052	153,804
Enact Holdings, Inc.	6,250	134,250
Essent Group, Ltd.	21,570	839,073
Federal Agricultural Mortgage Corp., Class C	1,885	184,070
Flagstar Bancorp, Inc.	10,315	365,667
Home Bancorp, Inc.	1,932	65,939
Kearny Financial Corp.	13,071	145,219
Luther Burbank Corp.	3,612	47,137
Merchants Bancorp	3,471	78,688
Mr. Cooper Group, Inc. (A)	14,937	548,785
NMI Holdings, Inc., Class A (A)	17,614	293,273
Northfield Bancorp, Inc.	9,551	124,450
PCSB Financial Corp.	3,509	66,987
PennyMac Financial Services, Inc.	6,041	264,052
Provident Bancorp, Inc.	4,019	63,098
Provident Financial Services, Inc.	14,755	328,446
Radian Group, Inc.	35,432	696,239
Southern Missouri Bancorp, Inc.	1,843	83,414
The Hingham Institution for Savings	307	87,117
TrustCo Bank Corp. NY	4,053	124,995
Walker & Dunlop, Inc.	6,331	609,929
Waterstone Financial, Inc.	5,392	91,934
WSFS Financial Corp.	13,110	525,580
		6,757,850
		79,554,907
<b>Health care – 16.3%</b>		
<b>Biotechnology – 6.9%</b>		
2seventy bio, Inc. (A)	8,160	107,712
4D Molecular Therapeutics, Inc. (A)	6,881	48,029
Aadi Bioscience, Inc. (A)	3,351	41,284
ACADIA Pharmaceuticals, Inc. (A)	24,809	349,559
Achillion Pharmaceuticals, Inc. (A)(C)	38,157	57,381
Adicet Bio, Inc. (A)	6,190	90,374

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
ADMA Biologics, Inc. (A)	40,575	\$ 80,339
Aduro Biotech, Inc. (A)(C)	4,010	8,341
Affimed NV (A)	30,948	85,726
Agenus, Inc. (A)	58,628	113,738
Agios Pharmaceuticals, Inc. (A)	11,440	253,625
Akero Therapeutics, Inc. (A)	6,502	61,444
Albireo Pharma, Inc. (A)	3,738	74,237
Alector, Inc. (A)	13,251	134,630
Alkermes PLC (A)	33,418	995,522
Allogene Therapeutics, Inc. (A)	16,672	190,061
Amicus Therapeutics, Inc. (A)	56,908	611,192
AnaptysBio, Inc. (A)	4,298	87,249
Anavex Life Sciences Corp. (A)	14,379	143,934
Anika Therapeutics, Inc. (A)	3,286	73,344
Apellis Pharmaceuticals, Inc. (A)	18,723	846,654
Arbutus Biopharma Corp. (A)(B)	23,992	65,018
Arcturus Therapeutics Holdings, Inc. (A)(B)	5,094	80,180
Arcus Biosciences, Inc. (A)	10,633	269,440
Arcutis Biotherapeutics, Inc. (A)	7,303	155,627
Arrowhead Pharmaceuticals, Inc. (A)	21,220	747,156
Atara Biotherapeutics, Inc. (A)	19,576	152,497
Aura Biosciences, Inc. (A)	4,127	58,480
Aurinia Pharmaceuticals, Inc. (A)	27,778	279,169
Avid Bioservices, Inc. (A)	12,788	195,145
Avidity Biosciences, Inc. (A)	10,396	151,054
Beam Therapeutics, Inc. (A)	13,119	507,836
BioCryst Pharmaceuticals, Inc. (A)	38,306	405,277
Biohaven Pharmaceutical Holding Company, Ltd. (A)	12,792	1,863,899
Bioxeel Therapeutics, Inc. (A)(B)	4,516	59,611
Bluebird Bio, Inc. (A)	16,403	67,908
Blueprint Medicines Corp. (A)	12,288	620,667
BridgeBio Pharma, Inc. (A)	21,832	198,235
C4 Therapeutics, Inc. (A)	9,439	71,170
CareDx, Inc. (A)	10,577	227,194
Caribou Biosciences, Inc. (A)	11,910	64,671
Catalyst Pharmaceuticals, Inc. (A)	20,056	140,593
Celldex Therapeutics, Inc. (A)	9,575	258,142
Century Therapeutics, Inc. (A)	4,647	39,035
Cerevel Therapeutics Holdings, Inc. (A)	11,290	298,508
ChemoCentryx, Inc. (A)	13,078	324,073
Chinook Therapeutics, Inc. (A)	9,168	160,348
Cogent Biosciences, Inc. (A)	9,659	87,124
Coherus Biosciences, Inc. (A)	15,700	113,668
Crinetics Pharmaceuticals, Inc. (A)	11,023	205,579
CTI BioPharma Corp. (A)	19,725	117,758
Cullinan Oncology, Inc. (A)	6,412	82,202
Cytokinetics, Inc. (A)	16,897	663,883
Day One Biopharmaceuticals, Inc. (A)(B)	5,176	92,650
Deciphera Pharmaceuticals, Inc. (A)	9,531	125,333
Denali Therapeutics, Inc. (A)	20,378	599,725
Design Therapeutics, Inc. (A)	7,202	100,828
Dynavax Technologies Corp. (A)	24,439	307,687
Dyne Therapeutics, Inc. (A)	7,313	50,240
Eagle Pharmaceuticals, Inc. (A)	2,104	93,481
Editas Medicine, Inc. (A)	14,482	171,322
Eiger BioPharmaceuticals, Inc. (A)	9,392	59,170
Emergent BioSolutions, Inc. (A)	10,369	321,854
Enanta Pharmaceuticals, Inc. (A)	4,079	192,814
EQRx, Inc. (A)	28,514	133,731
Erasca, Inc. (A)	14,105	78,565
Fate Therapeutics, Inc. (A)	17,184	425,820
FibroGen, Inc. (A)	18,323	193,491
Foghorn Therapeutics, Inc. (A)	4,381	59,582

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Forma Therapeutics Holdings, Inc. (A)	8,393	\$ 57,828
Generation Bio Company (A)	10,179	66,774
Geron Corp. (A)(B)	78,109	121,069
Global Blood Therapeutics, Inc. (A)	12,872	411,260
Gossamer Bio, Inc. (A)	13,653	114,276
Halozyme Therapeutics, Inc. (A)	27,825	1,224,300
Heron Therapeutics, Inc. (A)	22,820	63,668
Ideaya Biosciences, Inc. (A)	7,752	106,978
IGM Biosciences, Inc. (A)	2,205	39,756
Imago Biosciences, Inc. (A)	5,784	77,448
ImmunityBio, Inc. (A)(B)	17,696	65,829
ImmunoGen, Inc. (A)	44,921	202,145
Inhibrx, Inc. (A)	6,595	74,853
Inovio Pharmaceuticals, Inc. (A)	47,930	82,919
Insmed, Inc. (A)	24,683	486,749
Instil Bio, Inc. (A)	15,265	70,524
Intellia Therapeutics, Inc. (A)	15,539	804,299
Intercept Pharmaceuticals, Inc. (A)(B)	5,288	73,027
Iovance Biotherapeutics, Inc. (A)	31,455	347,263
Ironwood Pharmaceuticals, Inc. (A)	27,838	320,972
iTeos Therapeutics, Inc. (A)	4,955	102,073
IVERIC bio, Inc. (A)	24,357	234,314
Janux Therapeutics, Inc. (A)(B)	3,985	48,657
KalVista Pharmaceuticals, Inc. (A)	5,543	54,543
Karuna Therapeutics, Inc. (A)	5,420	685,684
Karyopharm Therapeutics, Inc. (A)	16,283	73,436
Keros Therapeutics, Inc. (A)	3,642	100,628
Kezar Life Sciences, Inc. (A)	10,325	85,388
Kiniksa Pharmaceuticals, Ltd., Class A (A)	6,955	67,394
Kinnate Biopharma, Inc. (A)(B)	6,366	80,275
Kodiak Sciences, Inc. (A)	7,278	55,604
Krystal Biotech, Inc. (A)	4,342	285,096
Kura Oncology, Inc. (A)	13,275	243,331
Kymera Therapeutics, Inc. (A)	7,980	157,126
Ligand Pharmaceuticals, Inc. (A)	3,103	276,850
Lyell Immunopharma, Inc. (A)	35,995	234,687
MacroGenics, Inc. (A)	14,723	43,433
Madrigal Pharmaceuticals, Inc. (A)	2,652	189,830
MannKind Corp. (A)	51,888	197,693
MeiraGTx Holdings PLC (A)	6,846	51,824
Mersana Therapeutics, Inc. (A)	19,191	88,662
MiMedx Group, Inc. (A)	24,073	83,533
Miram Pharmaceuticals, Inc. (A)	3,367	65,522
Monte Rosa Therapeutics, Inc. (A)(B)	6,481	62,671
Morphic Holding, Inc. (A)	5,494	119,220
Myriad Genetics, Inc. (A)	16,481	299,460
Nkarta, Inc. (A)	6,895	84,946
Nurix Therapeutics, Inc. (A)	9,541	120,884
Nuvalent, Inc., Class A (A)	4,091	55,474
Ocugen, Inc. (A)(B)	46,575	105,725
Organogenesis Holdings, Inc. (A)	15,287	74,601
PDL BioPharma, Inc. (A)(C)	28,581	22,579
PMV Pharmaceuticals, Inc. (A)	7,852	111,891
Point Biopharma Global, Inc. (A)	15,684	106,808
Progenics Pharmaceuticals, Inc. (A)(C)	24,422	25,851
Prometheus Biosciences, Inc. (A)	6,029	170,199
Protagonist Therapeutics, Inc. (A)	9,984	78,973
Prothena Corp. PLC (A)	7,456	202,430
PTC Therapeutics, Inc. (A)	14,471	579,708
Radius Health, Inc. (A)	9,985	103,544
RAPT Therapeutics, Inc. (A)	5,579	101,817
Recursion Pharmaceuticals, Inc., Class A (A)	28,089	228,644
REGENXBIO, Inc. (A)	8,368	206,690
Relay Therapeutics, Inc. (A)	15,903	266,375

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Replimune Group, Inc. (A)	6,457	\$ 112,868
REVOLUTION Medicines, Inc. (A)	13,174	256,761
Rigel Pharmaceuticals, Inc. (A)	40,220	45,449
Rocket Pharmaceuticals, Inc. (A)	9,371	128,945
Sage Therapeutics, Inc. (A)	10,798	348,775
Sana Biotechnology, Inc. (A)	18,736	120,472
Sangamo Therapeutics, Inc. (A)	26,203	108,480
Seres Therapeutics, Inc. (A)	17,116	58,708
Sierra Oncology, Inc. (A)	3,039	167,115
Sorrento Therapeutics, Inc. (A)	79,332	159,457
SpringWorks Therapeutics, Inc. (A)	7,298	179,677
Stoke Therapeutics, Inc. (A)	5,016	66,261
Sutro Biopharma, Inc. (A)	10,332	53,830
Syndax Pharmaceuticals, Inc. (A)	10,817	208,119
Synergy Pharmaceuticals, Inc. (A)(C)	80,513	233
Talaris Therapeutics, Inc. (A)	5,194	23,425
Tango Therapeutics, Inc. (A)	10,769	48,784
Tenaya Therapeutics, Inc. (A)(B)	6,888	38,779
TG Therapeutics, Inc. (A)	28,270	120,148
Traverse Therapeutics, Inc. (A)	12,598	305,250
Turning Point Therapeutics, Inc. (A)	9,431	709,683
Twist Bioscience Corp. (A)	11,564	404,277
Vanda Pharmaceuticals, Inc. (A)	11,596	126,396
Vaxart, Inc. (A)	26,416	92,456
Vaxcyte, Inc. (A)	10,881	236,771
Vera Therapeutics, Inc. (A)	3,175	43,212
VeracYTE, Inc. (A)	14,913	296,769
Vericel Corp. (A)	9,814	247,117
Verve Therapeutics, Inc. (A)	7,831	119,658
Vir Biotechnology, Inc. (A)	14,887	379,172
Viridian Therapeutics, Inc. (A)	5,694	65,880
VistaGen Therapeutics, Inc. (A)	45,494	40,035
Xencor, Inc. (A)	11,847	324,252
Y-mAbs Therapeutics, Inc. (A)	7,698	116,471
Zentalis Pharmaceuticals, Inc. (A)	8,056	226,374
		33,617,884
<b>Health care equipment and supplies – 3.6%</b>		
Alphatec Holdings, Inc. (A)	14,965	97,871
AngioDynamics, Inc. (A)	7,771	150,369
Artivion, Inc. (A)	8,194	154,703
AtriCure, Inc. (A)	9,413	384,615
Atrion Corp.	269	169,163
Avanos Medical, Inc. (A)	9,628	263,230
Axogen, Inc. (A)	8,832	72,334
Axonics, Inc. (A)	9,656	547,206
BioLife Solutions, Inc. (A)	7,259	100,247
Bioventus, Inc., Class A (A)	6,916	47,167
Butterfly Network, Inc. (A)	29,072	89,251
Cardiovascular Systems, Inc. (A)	8,558	122,893
Cerus Corp. (A)	36,297	192,011
CONMED Corp.	5,743	549,950
CryoPort, Inc. (A)	9,279	287,463
Cue Health, Inc. (A)	22,850	73,120
Cutera, Inc. (A)	3,474	130,275
Embeckta Corp. (A)	11,854	300,143
Figs, Inc., Class A (A)	26,449	240,950
Glaukos Corp. (A)	9,428	428,220
Haemonetics Corp. (A)	10,383	676,764
Heska Corp. (A)	2,018	190,721
Inari Medical, Inc. (A)	9,920	674,461
Inogen, Inc. (A)	4,919	118,941
Integer Holdings Corp. (A)	6,684	472,291
iRadimed Corp.	1,594	54,100
iRhythm Technologies, Inc. (A)	6,140	663,304
Lantheus Holdings, Inc. (A)	14,034	926,665

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
LeMaitre Vascular, Inc.	3,997	\$ 182,063
LivaNova PLC (A)	11,008	687,670
Meridian Bioscience, Inc. (A)	8,799	267,666
Merit Medical Systems, Inc. (A)	11,425	620,035
Mesa Laboratories, Inc.	1,016	207,203
Nano-X Imaging, Ltd. (A)(B)	8,914	100,728
Natus Medical, Inc. (A)	7,017	229,947
Neogen Corp. (A)	22,156	533,738
Nevro Corp. (A)	7,184	314,875
NuVasive, Inc. (A)	10,722	527,094
Omnnicell, Inc. (A)	8,996	1,023,295
OraSure Technologies, Inc. (A)	16,477	44,653
Orthofix Medical, Inc. (A)	4,096	96,420
OrthoPediatrics Corp. (A)	3,002	129,536
Outset Medical, Inc. (A)	10,144	150,740
Paragon 28, Inc. (A)(B)	9,652	153,177
PROCEPT BioRobotics Corp. (A)	5,298	173,192
Pulmonx Corp. (A)	7,258	106,838
RxSight, Inc. (A)	4,606	64,852
SeaSpine Holdings Corp. (A)	8,677	49,025
Senseonics Holdings, Inc. (A)(B)	93,468	96,272
Shockwave Medical, Inc. (A)	7,310	1,397,453
SI-BONE, Inc. (A)	7,054	93,113
Sight Sciences, Inc. (A)	4,808	43,224
Silk Road Medical, Inc. (A)	7,177	261,171
STAAR Surgical Company (A)	9,891	701,569
Surmodics, Inc. (A)	2,907	108,228
TransMedics Group, Inc. (A)	5,628	177,001
Treace Medical Concepts, Inc. (A)	6,932	99,405
UFP Technologies, Inc. (A)	1,426	113,467
Utah Medical Products, Inc.	740	63,566
Varex Imaging Corp. (A)	7,959	170,243
Vicarious Surgical, Inc. (A)	12,392	36,432
ViewRay, Inc. (A)	33,075	87,649
Zimvie, Inc. (A)	4,503	72,093
Zynex, Inc.	5,118	40,842
		17,402,903
<b>Health care providers and services – 2.8%</b>		
1Life Healthcare, Inc. (A)	37,464	293,718
23andMe Holding Company, Class A (A)(B)	36,542	90,624
Accolade, Inc. (A)	12,831	94,949
AdaptHealth Corp. (A)	14,900	268,796
Addus HomeCare Corp. (A)	3,168	263,831
Agiliti, Inc. (A)	5,773	118,404
Alignment Healthcare, Inc. (A)	17,648	201,364
AMN Healthcare Services, Inc. (A)	9,110	999,458
Apollo Medical Holdings, Inc. (A)(B)	8,072	311,498
Brookdale Senior Living, Inc. (A)	38,987	177,001
Cano Health, Inc. (A)	34,196	149,778
CareMax, Inc. (A)	13,464	48,874
Castle Biosciences, Inc. (A)	5,128	112,560
Clover Health Investments Corp. (A)	79,835	170,847
Community Health Systems, Inc. (A)	26,278	98,543
CorVel Corp. (A)	1,833	269,946
Covetrus, Inc. (A)	21,908	454,591
Cross Country Healthcare, Inc. (A)	7,549	157,246
DocGo, Inc. (A)	17,094	122,051
Fulgent Genetics, Inc. (A)	4,422	241,132
Hanger, Inc. (A)	8,142	116,593
HealthEquity, Inc. (A)	17,034	1,045,717
Hims & Hers Health, Inc. (A)	25,874	117,209
Invitae Corp. (A)	48,489	118,313
LHC Group, Inc. (A)	6,098	949,703
LifeStance Health Group, Inc. (A)(B)	15,514	86,258



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
MEDNAX, Inc. (A)	17,799	\$ 373,957
ModivCare, Inc. (A)	2,623	221,644
National HealthCare Corp.	2,486	173,771
National Research Corp.	3,043	116,486
OPKO Health, Inc. (A)	84,680	214,240
Option Care Health, Inc. (A)	29,553	821,278
Owens & Minor, Inc.	15,092	474,643
Patterson Companies, Inc.	17,753	537,916
PetIQ, Inc. (A)	5,898	99,027
Privia Health Group, Inc. (A)	9,064	263,944
Progyny, Inc. (A)	15,455	448,968
R1 RCM, Inc. (A)	27,832	583,359
RadNet, Inc. (A)	10,326	178,433
Select Medical Holdings Corp.	22,245	525,427
Sema4 Holdings Corp. (A)	35,992	45,350
Surgery Partners, Inc. (A)	8,257	238,792
The Ensign Group, Inc.	11,025	810,007
The Joint Corp. (A)	3,219	49,283
The Pennant Group, Inc. (A)	5,822	74,580
US Physical Therapy, Inc.	2,639	288,179
		13,618,288
<b>Health care technology – 0.8%</b>		
Allscripts Healthcare Solutions, Inc. (A)	23,457	347,867
American Well Corp., Class A (A)	47,766	206,349
Computer Programs & Systems, Inc. (A)	3,075	98,308
Evolent Health, Inc., Class A (A)	16,934	520,043
Health Catalyst, Inc. (A)	11,387	164,998
HealthStream, Inc. (A)	5,090	110,504
Inspire Medical Systems, Inc. (A)	5,582	1,019,664
MultiPlan Corp. (A)(B)	78,053	428,511
NextGen Healthcare, Inc. (A)	11,596	202,234
OptimizeRx Corp. (A)	3,914	107,204
Phreesia, Inc. (A)	10,240	256,102
Schrodinger, Inc. (A)	11,171	295,026
Simulations Plus, Inc.	3,243	159,977
		3,916,787
<b>Life sciences tools and services – 0.7%</b>		
AbCellera Biologics, Inc. (A)	42,461	452,210
Absci Corp. (A)	12,105	40,189
Adaptive Biotechnologies Corp. (A)	23,305	188,537
Berkeley Lights, Inc. (A)	12,400	61,628
Bionano Genomics, Inc. (A)(B)	63,847	88,109
Codexis, Inc. (A)	13,176	137,821
Cytek Biosciences, Inc. (A)	23,709	254,398
Inotiv, Inc. (A)	4,031	38,698
MaxCyte, Inc. (A)	19,002	89,879
Medpace Holdings, Inc. (A)	5,636	843,540
NanoString Technologies, Inc. (A)	9,915	125,921
NeoGenomics, Inc. (A)	25,947	211,468
Pacific Biosciences of California, Inc. (A)	46,989	207,691
Quanterix Corp. (A)	7,230	117,054
Quantum-Si, Inc. (A)	20,178	46,813
Science 37 Holdings, Inc. (A)	14,215	28,572
Seer, Inc. (A)	11,108	99,417
Singular Genomics Systems, Inc. (A)	13,181	50,351
SomaLogic, Inc. (A)	31,589	142,782
		3,225,078
<b>Pharmaceuticals – 1.5%</b>		
Aclaris Therapeutics, Inc. (A)	12,460	173,942
Aerie Pharmaceuticals, Inc. (A)	10,609	79,568
Amneal Pharmaceuticals, Inc. (A)	22,334	71,022
Amphastar Pharmaceuticals, Inc. (A)	7,872	273,867
Amylyx Pharmaceuticals, Inc. (A)	2,560	49,306
ANI Pharmaceuticals, Inc. (A)	2,736	81,177

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
Arvinas, Inc. (A)	10,069	\$ 423,804
Atea Pharmaceuticals, Inc. (A)	15,850	112,535
Axsome Therapeutics, Inc. (A)	6,050	231,715
Cara Therapeutics, Inc. (A)	9,737	88,899
Cassava Sciences, Inc. (A)	7,917	222,626
CinCor Pharma, Inc. (A)	2,936	55,314
Collegium Pharmaceutical, Inc. (A)	7,044	124,820
Corcept Therapeutics, Inc. (A)	17,472	415,484
DICE Therapeutics, Inc. (A)	6,068	94,175
Edgewise Therapeutics, Inc. (A)	6,711	53,420
Espersion Therapeutics, Inc. (A)	13,695	87,100
Evolus, Inc. (A)	7,505	87,058
EyePoint Pharmaceuticals, Inc. (A)	6,313	49,683
Fulcrum Therapeutics, Inc. (A)	7,848	38,455
Harmony Biosciences Holdings, Inc. (A)	5,400	263,358
Innoviva, Inc. (A)	12,808	189,046
Intra-Cellular Therapies, Inc. (A)	18,833	1,074,988
Liquidia Corp. (A)	10,695	46,630
Nektar Therapeutics (A)	38,552	146,498
NGM Biopharmaceuticals, Inc. (A)	8,430	108,073
Nuvation Bio, Inc. (A)(B)	24,919	80,738
Ocular Therapeutix, Inc. (A)	17,350	69,747
Pacira BioSciences, Inc. (A)	9,198	536,243
Phathom Pharmaceuticals, Inc. (A)	5,424	45,779
Phibro Animal Health Corp., Class A	4,407	84,306
Prestige Consumer Healthcare, Inc. (A)	10,151	596,879
Provention Bio, Inc. (A)(B)	12,735	50,940
Reata Pharmaceuticals, Inc., Class A (A)	5,772	175,411
Relmada Therapeutics, Inc. (A)	5,806	110,256
Revance Therapeutics, Inc. (A)	14,689	203,002
SIGA Technologies, Inc.	9,948	115,198
Supernus Pharmaceuticals, Inc. (A)	10,017	289,692
Tarsus Pharmaceuticals, Inc. (A)	4,015	58,619
Theravance Biopharma, Inc. (A)	13,744	124,521
Tricida, Inc. (A)	7,268	70,354
Ventyx Biosciences, Inc. (A)(B)	4,871	59,572
Xeris Biopharma Holdings, Inc. (A)	29,713	45,758
Zogenix, Inc. (A)(C)	12,884	8,761
		7,368,339
		79,149,279
<b>Industrials – 14.4%</b>		
<b>Aerospace and defense – 0.9%</b>		
AAR Corp. (A)	6,983	292,169
Aerojet Rocketdyne Holdings, Inc. (A)	16,246	659,588
AeroVironment, Inc. (A)	4,780	392,916
AerSale Corp. (A)	3,750	54,413
Archer Aviation, Inc., Class A (A)	26,736	82,347
Astra Space, Inc. (A)	33,284	43,269
Astronics Corp. (A)	6,009	61,112
Cadre Holdings, Inc.	3,482	68,491
Ducommun, Inc. (A)	2,365	101,790
Kaman Corp.	5,855	182,969
Kratos Defense & Security Solutions, Inc. (A)	25,736	357,216
Maxar Technologies, Inc.	15,067	393,098
Moog, Inc., Class A	5,848	464,273
National Presto Industries, Inc.	1,149	75,420
Park Aerospace Corp.	4,636	59,155
Parsons Corp. (A)	6,872	277,766
Rocket Lab USA, Inc. (A)	44,623	169,121
Triumph Group, Inc. (A)	13,423	178,392
Vectrus, Inc. (A)	2,468	82,579

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Aerospace and defense (continued)</b>		
Virgin Galactic Holdings, Inc. (A)	47,439	\$ 285,583
		4,281,667
<b>Air freight and logistics – 0.4%</b>		
Air Transport Services Group, Inc. (A)	12,057	346,398
Atlas Air Worldwide Holdings, Inc. (A)	5,680	350,513
Forward Air Corp.	5,495	505,320
Hub Group, Inc., Class A (A)	6,838	485,088
Radiant Logistics, Inc. (A)	8,896	66,008
		1,753,327
<b>Airlines – 0.4%</b>		
Allegiant Travel Company (A)	3,137	354,763
Blade Air Mobility, Inc. (A)	12,274	54,742
Frontier Group Holdings, Inc. (A)	7,737	72,496
Hawaiian Holdings, Inc. (A)	10,792	154,434
Joby Aviation, Inc. (A)	52,258	256,587
SkyWest, Inc. (A)	10,376	220,490
Spirit Airlines, Inc. (A)	22,481	535,947
Sun Country Airlines Holdings, Inc. (A)	6,650	121,961
Wheels Up Experience, Inc. (A)	35,771	69,753
		1,841,173
<b>Building products – 1.3%</b>		
AAON, Inc.	8,982	491,854
American Woodmark Corp. (A)	3,586	161,406
Apogee Enterprises, Inc.	4,657	182,648
Caesarstone, Ltd.	5,833	53,255
Cornerstone Building Brands, Inc. (A)	12,994	318,223
CSW Industrials, Inc.	3,018	310,945
Gibraltar Industries, Inc. (A)	6,834	264,818
Griffon Corp.	9,572	268,303
Insteel Industries, Inc.	3,926	132,188
Janus International Group, Inc. (A)	17,323	156,427
JELD-WEN Holding, Inc. (A)	17,925	261,526
Masonite International Corp. (A)	4,651	357,336
PGT Innovations, Inc. (A)	12,311	204,855
Quanex Building Products Corp.	7,048	160,342
Resideo Technologies, Inc. (A)	29,772	578,172
Simpson Manufacturing Company, Inc.	8,834	888,789
UFP Industries, Inc.	12,432	847,116
View, Inc. (A)(B)	25,908	41,971
Zurn Water Solutions Corp.	25,443	693,067
		6,373,241
<b>Commercial services and supplies – 1.5%</b>		
ABM Industries, Inc.	13,699	594,811
ACCO Brands Corp.	19,772	129,111
ACV Auctions, Inc., Class A (A)	23,547	153,997
Aris Water Solution, Inc., Class A	4,695	78,313
Brady Corp., Class A	9,446	446,229
BrightView Holdings, Inc. (A)	9,255	111,060
Casella Waste Systems, Inc., Class A (A)	10,212	742,208
Cimpress PLC (A)	3,756	146,108
CoreCivic, Inc. (A)	25,021	277,983
Deluxe Corp.	9,002	195,073
Ennis, Inc.	5,655	114,401
Harsco Corp. (A)	16,716	118,851
Healthcare Services Group, Inc.	15,465	269,246
Heritage-Crystal Clean, Inc. (A)	3,422	92,257
HNI Corp.	8,706	302,011
Interface, Inc.	12,610	158,129
KAR Auction Services, Inc. (A)	24,832	366,769
Kimball International, Inc., Class B	9,725	74,591
Li-Cycle Holdings Corp. (A)	27,670	190,370
Matthews International Corp., Class A	6,376	182,800
MillerKnoll, Inc.	15,734	413,332
Montrose Environmental Group, Inc. (A)	5,782	195,200

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Commercial services and supplies (continued)</b>		
Pitney Bowes, Inc.	36,654	\$ 132,687
SP Plus Corp. (A)	4,868	149,545
Steelcase, Inc., Class A	18,266	195,994
The Brink's Company	9,496	576,502
UniFirst Corp.	2,997	516,023
Viad Corp. (A)	4,427	122,229
VSE Corp.	2,392	89,891
		7,135,721
<b>Construction and engineering – 1.3%</b>		
Ameresco, Inc., Class A (A)	6,537	297,826
API Group Corp. (A)	42,682	638,950
Arcosa, Inc.	9,882	458,821
Argan, Inc.	2,958	110,393
Comfort Systems USA, Inc.	7,270	604,501
Construction Partners, Inc., Class A (A)	8,498	177,948
Dycom Industries, Inc. (A)	5,951	553,681
EMCOR Group, Inc.	10,312	1,061,724
Fluor Corp. (A)	29,371	714,890
Granite Construction, Inc.	9,408	274,149
Great Lakes Dredge & Dock Corp. (A)	13,589	178,152
IES Holdings, Inc. (A)	2,028	61,185
Infrastructure and Energy Alternatives, Inc. (A)	7,013	56,314
MYR Group, Inc. (A)	3,454	304,401
Northwest Pipe Company (A)	2,228	66,706
NV5 Global, Inc. (A)	2,792	325,938
Primoris Services Corp.	11,014	239,665
Sterling Infrastructure, Inc. (A)	6,062	132,879
Tutor Perini Corp. (A)	9,240	81,127
		6,339,250
<b>Electrical equipment – 1.0%</b>		
Allied Motion Technologies, Inc.	3,191	72,882
Array Technologies, Inc. (A)	31,165	343,127
Atkore, Inc. (A)	8,835	733,393
AZZ, Inc.	5,010	204,508
Babcock & Wilcox Enterprises, Inc. (A)	13,670	82,430
Blink Charging Company (A)(B)	7,778	128,570
Bloom Energy Corp., Class A (A)	33,608	554,532
Encore Wire Corp.	3,899	405,184
Energy Vault Holdings, Inc. (A)(B)	5,573	55,841
EnerSys	8,406	495,618
Enovix Corp. (A)	22,580	201,188
ESS Tech, Inc. (A)	18,052	50,726
Fluence Energy, Inc. (A)(B)	8,000	75,840
FTC Solar, Inc. (A)	9,586	34,701
FuelCell Energy, Inc. (A)	76,723	287,711
GrafTech International, Ltd.	40,495	286,300
NuScale Power Corp. (A)(B)	4,452	44,475
Powell Industries, Inc.	2,092	48,890
Shoals Technologies Group, Inc., Class A (A)	23,114	380,919
Stem, Inc. (A)	29,872	213,884
Thermon Group Holdings, Inc. (A)	7,355	103,338
TPI Composites, Inc. (A)	8,008	100,100
Vicor Corp. (A)	4,562	249,678
		5,153,835
<b>Industrial conglomerates – 0.0%</b>		
Brookfield Business Corp., Class A	5,506	126,693
<b>Machinery – 3.6%</b>		
Alamo Group, Inc.	2,001	232,976
Albany International Corp., Class A	6,494	511,662
Altra Industrial Motion Corp.	13,434	473,549
Astec Industries, Inc.	4,763	194,235
Barnes Group, Inc.	10,020	312,023

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Chart Industries, Inc. (A)	7,528	\$ 1,260,037
CIRCOR International, Inc. (A)	4,339	71,116
Columbus McKinnon Corp.	5,886	166,986
Desktop Metal, Inc., Class A (A)(B)	55,809	122,780
Douglas Dynamics, Inc.	4,699	135,049
Energy Recovery, Inc. (A)	11,645	226,146
Enerpac Tool Group Corp.	12,583	239,329
EnPro Industries, Inc.	4,218	345,581
ESCO Technologies, Inc.	5,224	357,165
Evoqua Water Technologies Corp. (A)	24,287	789,570
Federal Signal Corp.	12,123	431,579
Franklin Electric Company, Inc.	9,416	689,816
Helios Technologies, Inc.	6,654	440,828
Hillenbrand, Inc.	14,770	604,979
Hillman Solutions Corp. (A)	27,884	240,918
Hydrofarm Holdings Group, Inc. (A)	9,802	34,111
Hyllion Holdings Corp. (A)	28,323	91,200
Hyster-Yale Materials Handling, Inc.	2,433	78,391
Hyzon Motors, Inc. (A)(B)	19,260	56,624
John Bean Technologies Corp.	6,469	714,307
Kadant, Inc.	2,338	426,334
Kennametal, Inc.	16,879	392,099
Lindsay Corp.	2,217	294,462
Luxfer Holdings PLC	6,402	96,798
Markforged Holding Corp. (A)	24,756	45,799
Meritor, Inc. (A)	14,322	520,318
Microvast Holdings, Inc. (A)	36,362	80,724
Miller Industries, Inc.	2,576	58,398
Mueller Industries, Inc.	11,364	605,588
Mueller Water Products, Inc., Class A	31,681	371,618
Nikola Corp. (A)(B)	60,477	287,871
Omega Flex, Inc.	665	71,567
Proterra, Inc. (A)	46,187	214,308
Proto Labs, Inc. (A)	5,746	274,889
RBC Bearings, Inc. (A)	5,838	1,079,738
REV Group, Inc.	7,542	81,982
Sarcos Technology and Robotics Corp. (A)	17,558	46,704
SPX Corp. (A)	9,113	481,531
Standex International Corp.	2,379	201,692
Tennant Company	3,734	221,240
Terex Corp.	13,893	380,251
The Gorman-Rupp Company	4,734	133,972
The Greenbrier Companies, Inc.	6,453	232,243
The Manitowoc Company, Inc. (A)	7,815	82,292
The Shyft Group, Inc.	7,362	136,860
Titan International, Inc. (A)	10,748	162,295
Trinity Industries, Inc.	17,099	414,138
Wabash National Corp.	10,213	138,693
Watts Water Technologies, Inc., Class A	5,507	676,480
Welbilt, Inc. (A)	26,854	639,394
		17,671,235
<b>Marine – 0.3%</b>		
Costamare, Inc.	10,979	132,846
Eagle Bulk Shipping, Inc.	2,771	143,759
Genco Shipping & Trading, Ltd.	7,538	145,634
Golden Ocean Group, Ltd.	25,259	294,015
Matson, Inc.	8,175	595,794
Safe Bulkers, Inc.	15,872	60,631
		1,372,679
<b>Professional services – 1.8%</b>		
Alight, Inc., Class A (A)	69,991	472,439
ASGN, Inc. (A)	10,285	928,221
Barrett Business Services, Inc.	1,525	111,127
CBIZ, Inc. (A)	10,067	402,277
CRA International, Inc.	1,501	134,069

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Professional services (continued)</b>		
Exponent, Inc.	10,550	\$ 965,009
First Advantage Corp. (A)	12,204	154,625
Forrester Research, Inc. (A)	2,393	114,481
Franklin Covey Company (A)	2,718	125,517
Heidrick & Struggles International, Inc.	4,063	131,479
HireRight Holdings Corp. (A)	4,565	64,869
Huron Consulting Group, Inc. (A)	4,337	281,862
ICF International, Inc.	3,736	354,920
Insperty, Inc.	7,437	742,436
Kelly Services, Inc., Class A	7,361	145,969
Kforce, Inc.	4,174	256,033
Korn Ferry	10,933	634,333
Legalzoom.com, Inc. (A)(B)	20,421	224,427
ManTech International Corp., Class A	6,090	581,291
Planet Labs PBC (A)	32,664	141,435
Red Violet, Inc. (A)	2,309	43,963
Resources Connection, Inc.	6,831	139,147
Skillsoft Corp. (A)	17,699	62,300
Spire Global, Inc. (A)	30,965	35,919
Sterling Check Corp. (A)	5,064	82,594
TriNet Group, Inc. (A)	7,672	595,501
TrueBlue, Inc. (A)	6,858	122,758
Upwork, Inc. (A)	24,782	512,492
Willdan Group, Inc. (A)	2,694	74,301
		8,635,794
<b>Road and rail – 0.5%</b>		
ArcBest Corp.	5,045	355,017
Covenant Logistics Group, Inc.	2,629	65,962
Daseke, Inc. (A)	9,289	59,357
Heartland Express, Inc.	9,381	130,490
Marten Transport, Ltd.	12,041	202,530
P.A.M. Transportation Services, Inc. (A)	1,621	44,399
Saia, Inc. (A)	5,448	1,024,224
TuSimple Holdings, Inc., Class A (A)	29,088	210,306
Universal Logistics Holdings, Inc.	1,677	45,799
Werner Enterprises, Inc.	13,110	505,259
		2,643,343
<b>Trading companies and distributors – 1.4%</b>		
Alta Equipment Group, Inc. (A)	5,146	46,160
Applied Industrial Technologies, Inc.	7,815	751,569
Beacon Roofing Supply, Inc. (A)	11,145	572,407
BlueLinX Holdings, Inc. (A)	1,952	130,413
Boise Cascade Company	8,056	479,251
Custom Truck One Source, Inc. (A)	12,773	71,529
Distribution Solutions Group, Inc. (A)	1,118	57,454
DXP Enterprises, Inc. (A)	3,336	102,182
GATX Corp.	7,213	679,176
Global Industrial Company	2,775	93,712
GMS, Inc. (A)	8,925	397,163
H&E Equipment Services, Inc.	6,664	193,056
Herc Holdings, Inc.	5,276	475,631
Hudson Technologies, Inc. (A)	9,355	70,256
McGrath RentCorp	4,875	370,500
MRC Global, Inc. (A)	17,421	173,513
NOW, Inc. (A)	23,121	226,123
Rush Enterprises, Inc., Class A	7,855	378,611
Rush Enterprises, Inc., Class B	2,250	111,623
Textainer Group Holdings, Ltd.	9,454	259,134
Titan Machinery, Inc. (A)	4,352	97,528
Transcat, Inc. (A)	1,502	85,329
Triton International, Ltd.	12,923	680,396
Veritiv Corp. (A)	3,001	325,759
		6,828,475
		70,156,433

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Information technology – 13.2%</b>		
<b>Communications equipment – 0.8%</b>		
ADTRAN, Inc.	10,195	\$ 178,718
Aviat Networks, Inc. (A)	2,520	63,101
Calix, Inc. (A)	11,686	398,960
Cambium Networks Corp. (A)	2,619	38,368
Clearfield, Inc. (A)	2,449	151,716
CommScope Holding Company, Inc. (A)	42,542	260,357
Comtech Telecommunications Corp.	6,033	54,719
Digi International, Inc. (A)	7,140	172,931
DZS, Inc. (A)	3,896	63,388
Extreme Networks, Inc. (A)	26,478	236,184
Harmonic, Inc. (A)	19,069	165,328
Infinera Corp. (A)	39,580	212,149
NETGEAR, Inc. (A)	6,102	113,009
NetScout Systems, Inc. (A)	14,442	488,862
Ondas Holdings, Inc. (A)(B)	7,626	41,104
Plantronics, Inc. (A)	8,741	346,843
Ribbon Communications, Inc. (A)	16,984	51,631
Viavi Solutions, Inc. (A)	46,436	614,348
		3,651,716
<b>Electronic equipment, instruments and components – 2.1%</b>		
908 Devices, Inc. (A)	4,691	96,588
Advanced Energy Industries, Inc.	7,686	560,924
Aeva Technologies, Inc. (A)	21,314	66,713
Akoustis Technologies, Inc. (A)	13,130	48,581
Arlo Technologies, Inc. (A)	18,089	113,418
Badger Meter, Inc.	5,929	479,597
Belden, Inc.	8,979	478,311
Benchmark Electronics, Inc.	7,049	159,025
CTS Corp.	6,475	220,474
ePlus, Inc. (A)	5,402	286,954
Evolv Technologies Holdings, Inc. (A)	19,127	50,878
Fabrinet (A)	7,533	610,926
FARO Technologies, Inc. (A)	3,885	119,775
Focus Universal, Inc. (A)(B)	3,896	44,492
Identiv, Inc. (A)	5,066	58,664
Insight Enterprises, Inc. (A)	6,382	550,639
Itron, Inc. (A)	9,314	460,391
Kimball Electronics, Inc. (A)	5,136	103,234
Knowles Corp. (A)	17,930	310,727
Lightwave Logic, Inc. (A)	23,863	156,064
Methode Electronics, Inc.	7,265	269,096
MicroVision, Inc. (A)(B)	35,064	134,646
Mirion Technologies, Inc. (A)	28,624	164,874
Napco Security Technologies, Inc. (A)	6,285	129,408
nLight, Inc. (A)	9,569	97,795
Novanta, Inc. (A)	7,254	879,693
OSI Systems, Inc. (A)	3,226	275,629
Ouster, Inc. (A)	30,294	49,076
PAR Technology Corp. (A)	5,554	208,219
PC Connection, Inc.	2,211	97,395
Plexus Corp. (A)	5,534	434,419
Rogers Corp. (A)	3,817	1,000,398
Sanmina Corp. (A)	12,179	496,051
ScanSource, Inc. (A)	5,239	163,142
SmartRent, Inc. (A)	25,153	113,692
TTM Technologies, Inc. (A)	20,645	258,063
Velodyne Lidar, Inc. (A)	44,203	42,223
Vishay Intertechnology, Inc.	26,715	476,061
Vishay Precision Group, Inc. (A)	2,739	79,787
		10,346,042
<b>IT services – 2.2%</b>		
AvidXchange Holdings, Inc. (A)	30,570	187,700
BigCommerce Holdings, Inc., Series 1 (A)	13,305	215,541

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services (continued)</b>		
Bread Financial Holdings, Inc.	10,260	\$ 380,236
Brightcove, Inc. (A)	9,820	62,062
Cantaloupe, Inc. (A)	13,711	76,782
Cass Information Systems, Inc.	2,962	100,116
Cerberus Cyber Sentinel Corp. (A)	10,178	36,641
Conduent, Inc. (A)	36,166	156,237
Core Scientific, Inc. (A)	46,599	69,433
CSG Systems International, Inc.	6,522	389,233
Cyxta Technologies, Inc. (A)	9,000	102,060
DigitalOcean Holdings, Inc. (A)	15,700	649,352
Edgio, Inc. (A)	30,244	69,864
EVERTEC, Inc.	12,329	454,694
EVO Payments, Inc., Class A (A)	9,810	230,731
ExlService Holdings, Inc. (A)	6,631	976,945
Fastly, Inc., Class A (A)(B)	23,123	268,458
Flywire Corp. (A)	11,553	203,679
Grid Dynamics Holdings, Inc. (A)	10,186	171,329
i3 Verticals, Inc., Class A (A)	4,677	117,019
Information Services Group, Inc.	8,913	60,252
International Money Express, Inc. (A)	6,952	142,307
Marqeta, Inc., Class A (A)	89,468	725,585
Maximus, Inc.	12,530	783,250
MoneyGram International, Inc. (A)	19,390	193,900
Paya Holdings, Inc. (A)	18,483	121,433
Payoneer Global, Inc. (A)	45,646	178,932
Paysafe, Ltd. (A)(B)	71,603	139,626
Perficient, Inc. (A)	7,047	646,139
PFSweb, Inc. (A)	4,074	47,910
Rackspace Technology, Inc. (A)(B)	12,797	91,754
Remitly Global, Inc. (A)	17,822	136,517
Repay Holdings Corp. (A)	18,420	236,697
Sabre Corp. (A)	67,549	393,811
SolarWinds Corp.	10,212	104,673
Squarespace, Inc., Class A (A)	6,635	138,804
StoneCo, Ltd., Class A (A)	57,177	440,263
The Hackett Group, Inc.	5,816	110,330
TTEC Holdings, Inc.	3,876	263,142
Tucows, Inc., Class A (A)	2,183	97,165
Unisys Corp. (A)	13,676	164,522
Verra Mobility Corp. (A)	30,017	471,567
		10,606,691
<b>Semiconductors and semiconductor equipment – 2.7%</b>		
ACM Research, Inc., Class A (A)	10,111	170,168
Alpha & Omega Semiconductor, Ltd. (A)	4,616	153,897
Ambarella, Inc. (A)	7,501	491,015
Amkor Technology, Inc.	20,817	352,848
Atomera, Inc. (A)(B)	4,844	45,437
Axcelis Technologies, Inc. (A)	6,746	369,951
AXT, Inc. (A)	9,997	58,582
CEVA, Inc. (A)	4,855	162,934
CMC Materials, Inc.	5,828	1,016,928
Cohu, Inc. (A)	9,907	274,919
Credo Technology Group Holding, Ltd. (A)	5,037	58,832
CyberOptics Corp. (A)	1,660	58,000
Diodes, Inc. (A)	9,098	587,458
FormFactor, Inc. (A)	16,046	621,462
Ichor Holdings, Ltd. (A)	5,907	153,464
Impinj, Inc. (A)	4,381	257,033
Indie Semiconductor, Inc., Class A (A)	21,361	121,758
Kulicke & Soffa Industries, Inc.	11,870	508,155
MACOM Technology Solutions Holdings, Inc. (A)	10,372	478,149
MaxLinear, Inc. (A)	14,828	503,855
NeoPhotonics Corp. (A)	10,779	169,554
Onto Innovation, Inc. (A)	10,171	709,326

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
PDF Solutions, Inc. (A)	6,364	\$ 136,890
Photronics, Inc. (A)	12,416	241,864
Power Integrations, Inc.	11,822	886,768
Rambus, Inc. (A)	22,514	483,826
Rockley Photonics Holdings, Ltd. (A)(B)	23,602	51,452
Semtech Corp. (A)	12,982	713,621
Silicon Laboratories, Inc. (A)	7,422	1,040,713
SiTime Corp. (A)	3,296	537,347
SMART Global Holdings, Inc. (A)	10,098	165,304
SunPower Corp. (A)	16,985	268,533
Synaptics, Inc. (A)	8,143	961,281
Ultra Clean Holdings, Inc. (A)	9,340	278,052
Veeco Instruments, Inc. (A)	10,377	201,314
		13,290,690
<b>Software – 5.1%</b>		
8x8, Inc. (A)	23,210	119,532
A10 Networks, Inc.	13,659	196,416
ACI Worldwide, Inc. (A)	23,516	608,829
Agilysys, Inc. (A)	4,123	194,894
Alarm.com Holdings, Inc. (A)	9,881	611,239
Alkami Technology, Inc. (A)(B)	7,689	106,800
Altair Engineering, Inc., Class A (A)	10,671	560,228
American Software, Inc., Class A	6,763	109,290
Amplitude, Inc., Class A (A)	11,645	166,407
Appfolio, Inc., Class A (A)	3,940	357,122
Appian Corp. (A)(B)	8,312	393,656
Asana, Inc., Class A (A)	15,247	268,042
Avaya Holdings Corp. (A)	18,491	41,420
AvePoint, Inc. (A)	27,339	118,651
Benefitfocus, Inc. (A)	5,957	46,345
Blackbaud, Inc. (A)	9,536	553,756
Blackline, Inc. (A)	11,362	756,709
Blend Labs, Inc., Class A (A)	39,647	93,567
Box, Inc., Class A (A)	26,473	665,531
BTRS Holdings, Inc., Class 1 (A)	21,439	106,766
C3.ai, Inc., Class A (A)	14,216	259,584
Cerence, Inc. (A)	8,220	207,391
ChannelAdvisor Corp. (A)	6,421	93,618
Cleantalk, Inc. (A)(B)	9,417	36,915
Clear Secure, Inc., Class A (A)	12,888	257,760
CommVault Systems, Inc. (A)	9,108	572,893
Consensus Cloud Solutions, Inc. (A)	3,346	146,153
Couchbase, Inc. (A)	5,701	93,610
CS Disco, Inc. (A)	4,778	86,195
Cvent Holding Corp. (A)(B)	17,906	82,726
Digimarc Corp. (A)(B)	3,281	46,393
Digital Turbine, Inc. (A)	19,094	333,572
Domo, Inc., Class B (A)	6,382	177,420
Duck Creek Technologies, Inc. (A)	16,019	237,882
E2open Parent Holdings, Inc. (A)	41,215	320,653
Ebix, Inc.	5,848	98,831
eGain Corp. (A)	4,892	47,697
Enfusion, Inc., Class A (A)	5,648	57,666
EngageSmart, Inc. (A)	7,290	117,223
Investnet, Inc. (A)	11,249	593,610
Everbridge, Inc. (A)	8,188	228,363
EverCommerce, Inc. (A)	5,393	48,753
GTY Technology Holdings, Inc. (A)	9,220	57,717
Instructure Holdings, Inc. (A)	3,728	84,626
Intapp, Inc. (A)	3,140	45,970
InterDigital, Inc.	6,344	385,715
IronNet, Inc. (A)	14,993	33,135
KnowBe4, Inc., Class A (A)	15,043	234,972
LivePerson, Inc. (A)	14,641	207,024
LiveRamp Holdings, Inc. (A)	13,907	358,940

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
Marathon Digital Holdings, Inc. (A)(B)	21,180	\$ 113,101
Matterport, Inc. (A)	45,628	166,998
MeridianLink, Inc. (A)	4,922	82,197
MicroStrategy, Inc., Class A (A)(B)	1,947	319,892
Mitek Systems, Inc. (A)	9,209	85,091
Model N, Inc. (A)	7,509	192,080
Momentive Global, Inc. (A)	27,583	242,730
N-able, Inc. (A)	14,243	128,187
Olo, Inc., Class A (A)	18,701	184,579
ON24, Inc. (A)	8,786	83,379
OneSpan, Inc. (A)	8,827	105,041
PagerDuty, Inc. (A)	17,567	435,310
Ping Identity Holding Corp. (A)	15,981	289,895
Progress Software Corp.	8,894	402,898
PROS Holdings, Inc. (A)	8,533	223,821
Q2 Holdings, Inc. (A)	11,527	444,596
Qualys, Inc. (A)	8,008	1,010,129
Rapid7, Inc. (A)	11,957	798,728
Rimini Street, Inc. (A)	10,746	64,583
Riot Blockchain, Inc. (A)(B)	24,566	102,932
Sailpoint Technologies Holdings, Inc. (A)	19,100	1,197,188
Sapiens International Corp. NV	6,413	155,130
ShotSpotter, Inc. (A)	1,973	53,093
Sprout Social, Inc., Class A (A)	9,494	551,317
SPS Commerce, Inc. (A)	7,432	840,188
Sumo Logic, Inc. (A)	18,322	137,232
Telos Corp. (A)	11,552	93,340
Tenable Holdings, Inc. (A)	22,595	1,026,039
Upland Software, Inc. (A)	6,287	91,287
UserTesting, Inc. (A)(B)	10,441	52,414
Varonis Systems, Inc. (A)	22,434	657,765
Verint Systems, Inc. (A)	13,009	550,931
Veritone, Inc. (A)(B)	7,221	47,153
Vonage Holdings Corp. (A)	52,647	991,869
WM Technology, Inc. (A)	15,743	51,794
Workiva, Inc. (A)	9,809	647,296
Xperi Holding Corp.	21,543	310,865
Yext, Inc. (A)	25,472	121,756
Zuora, Inc., Class A (A)	23,572	210,969
		24,892,000
<b>Technology hardware, storage and peripherals – 0.3%</b>		
3D Systems Corp. (A)	26,091	253,083
Avid Technology, Inc. (A)	7,529	195,378
Corsair Gaming, Inc. (A)	8,087	106,182
Eastman Kodak Company (A)	13,094	60,756
IonQ, Inc. (A)	24,879	108,970
Super Micro Computer, Inc. (A)	9,381	378,523
Turtle Beach Corp. (A)	3,489	42,670
Xerox Holdings Corp.	23,477	348,633
		1,494,195
		64,281,334
<b>Materials – 4.0%</b>		
<b>Chemicals – 2.1%</b>		
AdvanSix, Inc.	5,606	187,465
American Vanguard Corp.	6,135	137,117
Amyris, Inc. (A)(B)	43,099	79,733
Aspen Aerogels, Inc. (A)	6,087	60,140
Avient Corp.	18,638	747,011
Balchem Corp.	6,453	837,212
Cabot Corp.	11,388	726,441
Chase Corp.	1,535	119,438
Danimer Scientific, Inc. (A)(B)	19,199	87,547
Diversey Holdings, Ltd. (A)	16,612	109,639
Ecovyst, Inc.	13,462	132,601

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
FutureFuel Corp.	6,470	\$ 47,102
GCP Applied Technologies, Inc. (A)	10,146	317,367
Hawkins, Inc.	4,013	144,588
HB Fuller Company	10,783	649,244
Ingevity Corp. (A)	7,995	504,804
Innospec, Inc.	4,993	478,279
Intrepid Potash, Inc. (A)	2,342	106,069
Koppers Holdings, Inc.	4,459	100,952
Kronos Worldwide, Inc.	4,674	86,002
Livent Corp. (A)	33,351	756,734
LSB Industries, Inc. (A)	6,791	94,123
Minerals Technologies, Inc.	6,603	405,028
Origin Materials, Inc. (A)	22,706	116,255
Orion Engineered Carbons SA	12,542	194,777
Perimeter Solutions SA (A)	25,544	276,897
PureCycle Technologies, Inc. (A)(B)	22,279	165,310
Quaker Chemical Corp.	2,780	415,666
Schweitzer-Mauduit International, Inc.	6,470	162,526
Sensient Technologies Corp.	8,465	681,940
Stepan Company	4,260	431,751
Tredegar Corp.	6,187	61,870
Trinseo PLC	7,370	283,450
Tronox Holdings PLC, Class A	24,127	405,334
		10,110,412
<b>Construction materials – 0.1%</b>		
Summit Materials, Inc., Class A (A)	24,466	569,813
United States Lime & Minerals, Inc.	468	49,421
		619,234
<b>Containers and packaging – 0.3%</b>		
Cryptyde, Inc. (A)	3,900	7,916
Greif, Inc., Class A	5,074	316,516
Greif, Inc., Class B	1,201	74,810
Myers Industries, Inc.	7,615	173,089
O-I Glass, Inc. (A)	32,072	449,008
Pactiv Evergreen, Inc.	9,056	90,198
Ranpak Holdings Corp. (A)	9,614	67,298
TriMas Corp.	8,646	239,408
		1,418,243
<b>Metals and mining – 1.4%</b>		
1911 Gold Corp. (A)	5,045	631
5E Advanced Materials, Inc. (A)	6,870	83,677
Allegheny Technologies, Inc. (A)	25,508	579,287
Alpha Metallurgical Resources, Inc.	3,675	474,553
Arconic Corp. (A)	21,769	610,620
Carpenter Technology Corp.	9,947	277,621
Century Aluminum Company (A)	11,076	81,630
Coeur Mining, Inc. (A)	57,649	175,253
Commercial Metals Company	24,667	816,478
Compass Minerals International, Inc.	7,108	251,552
Constellium SE (A)	25,494	336,776
Dakota Gold Corp. (A)	13,542	45,366
Ferroglobe PLC (A)(C)	17,737	0
Haynes International, Inc.	2,710	88,807
Hecla Mining Company	110,229	432,098
Hycroft Mining Holding Corp. (A)	37,389	41,502
Kaiser Aluminum Corp.	3,251	257,122
Materion Corp.	4,170	307,454
Novagold Resources, Inc. (A)	49,093	236,137
Olympic Steel, Inc.	2,108	54,281
Pan American Silver Corp., CVR (A)	88,114	62,526
Piedmont Lithium, Inc. (A)	3,604	131,222
Ramaco Resources, Inc.	4,893	64,343
Ryerson Holding Corp.	3,480	74,089
Schnitzer Steel Industries, Inc., Class A	5,343	175,464

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Metals and mining (continued)</b>		
SunCoke Energy, Inc.	17,201	\$ 117,139
TimkenSteel Corp. (A)	9,620	179,990
Warrior Met Coal, Inc.	10,470	320,487
Worthington Industries, Inc.	6,446	284,269
		6,560,374
<b>Paper and forest products – 0.1%</b>		
Clearwater Paper Corp. (A)	3,530	118,714
Glatfelter Corp.	9,969	68,587
Neenah, Inc.	3,550	121,197
Resolute Forest Products, Inc. (A)	9,492	121,118
Sylvamo Corp.	7,241	236,636
		666,252
		19,374,515
<b>Real estate – 7.1%</b>		
<b>Equity real estate investment trusts – 6.3%</b>		
Acadia Realty Trust	19,175	299,514
Agree Realty Corp.	14,885	1,073,655
Alexander & Baldwin, Inc.	15,015	269,519
Alexander's, Inc.	380	84,421
American Assets Trust, Inc.	10,044	298,307
Apartment Investment and Management Company, Class A (A)	31,510	201,664
Apple Hospitality REIT, Inc.	43,987	645,289
Armada Hoffler Properties, Inc.	14,067	180,620
Ashford Hospitality Trust, Inc. (A)	8,341	49,879
Bluerock Residential Growth REIT, Inc.	5,993	157,556
Braemar Hotels & Resorts, Inc.	16,189	69,451
Brandywine Realty Trust	34,488	332,464
Broadstone Net Lease, Inc.	34,609	709,831
BRT Apartments Corp.	2,769	59,506
CareTrust REIT, Inc.	19,900	366,956
CatchMark Timber Trust, Inc., Class A	11,092	111,586
CBL & Associates Properties, Inc. (A)	5,862	137,698
Cedar Realty Trust, Inc.	2,493	71,773
Centerspace	3,153	257,127
Chatham Lodging Trust (A)	10,768	112,526
City Office REIT, Inc.	8,917	115,475
Community Healthcare Trust, Inc.	4,869	176,306
Corporate Office Properties Trust	22,844	598,284
CTO Realty Growth, Inc.	1,349	82,451
DiamondRock Hospitality Company (A)	43,520	357,299
Diversified Healthcare Trust	54,192	98,629
Easterly Government Properties, Inc.	18,297	348,375
Empire State Realty Trust, Inc., Class A	28,779	202,316
Equity Commonwealth (A)	21,471	591,097
Essential Properties Realty Trust, Inc.	26,675	573,246
Farmland Partners, Inc.	9,604	132,535
Four Corners Property Trust, Inc.	16,234	431,662
Franklin Street Properties Corp.	22,306	93,016
Getty Realty Corp.	8,537	226,231
Gladstone Commercial Corp.	8,265	155,713
Gladstone Land Corp.	6,871	152,261
Global Medical REIT, Inc.	12,731	142,969
Global Net Lease, Inc.	21,345	302,245
Healthcare Realty Trust, Inc.	30,765	836,808
Hersha Hospitality Trust (A)	7,283	71,446
Independence Realty Trust, Inc.	45,319	939,463
Indus Realty Trust, Inc.	1,183	70,223
Industrial Logistics Properties Trust	13,625	191,840
Innovative Industrial Properties, Inc.	5,702	626,479
InvenTrust Properties Corp.	13,916	358,894
iStar, Inc.	13,598	186,429
Kite Realty Group Trust	44,728	773,347
LTC Properties, Inc.	7,920	304,049

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
LXP Industrial Trust	57,866	\$ 621,481
National Health Investors, Inc.	8,966	543,429
Necessity Retail REIT, Inc.	28,491	207,414
NETSTREIT Corp.	9,815	185,209
NexPoint Residential Trust, Inc.	4,719	294,985
Office Properties Income Trust	10,135	202,193
One Liberty Properties, Inc.	3,733	96,983
Orion Office REIT, Inc.	12,183	133,526
Outfront Media, Inc.	30,188	511,687
Paramount Group, Inc.	38,618	279,208
Pebblebrook Hotel Trust	26,794	443,977
Phillips Edison & Company, Inc.	23,342	779,856
Physicians Realty Trust	45,567	795,144
Piedmont Office Realty Trust, Inc., Class A	24,947	327,305
Plymouth Industrial REIT, Inc.	7,973	139,846
Postal Realty Trust, Inc., Class A	4,161	61,999
PotlatchDeltic Corp.	13,908	614,595
PS Business Parks, Inc.	4,033	754,776
Retail Opportunity Investments Corp.	24,907	393,032
RLJ Lodging Trust	34,206	377,292
RPT Realty	17,767	174,650
Ryman Hospitality Properties, Inc. (A)	11,060	840,892
Sabra Health Care REIT, Inc.	47,510	663,715
Safehold, Inc.	4,443	157,149
Saul Centers, Inc.	2,554	120,319
Service Properties Trust	36,040	188,489
SITE Centers Corp.	40,092	540,039
STAG Industrial, Inc.	36,813	1,136,785
Summit Hotel Properties, Inc. (A)	22,638	164,578
Sunstone Hotel Investors, Inc. (A)	44,070	437,174
Tanger Factory Outlet Centers, Inc.	21,021	298,919
Terreno Realty Corp.	15,154	844,532
The GEO Group, Inc. (A)	24,328	160,565
The Macerich Company	44,660	388,989
UMH Properties, Inc.	10,538	186,101
Uniti Group, Inc.	49,143	462,927
Universal Health Realty Income Trust	2,670	142,071
Urban Edge Properties	23,433	356,416
Urstadt Biddle Properties, Inc., Class A	6,619	107,228
Veris Residential, Inc. (A)	17,911	237,142
Washington Real Estate Investment Trust	17,716	377,528
Whitestone REIT	10,143	109,037
Xenia Hotels & Resorts, Inc. (A)	23,769	345,364
		30,832,976
<b>Real estate management and development – 0.8%</b>		
Anywhere Real Estate, Inc. (A)	24,014	236,058
Compass, Inc., Class A (A)	55,004	198,564
Cushman & Wakefield PLC (A)	32,648	497,556
DigitalBridge Group, Inc. (A)	122,823	599,376
Douglas Elliman, Inc.	16,788	80,415
eXp World Holdings, Inc. (B)	14,518	170,877
Forestar Group, Inc. (A)	3,942	53,966
FRP Holdings, Inc. (A)	1,489	89,861
Kennedy-Wilson Holdings, Inc.	24,125	456,928
Marcus & Millichap, Inc.	5,110	189,019
Newmark Group, Inc., Class A	30,583	295,738
Offerpad Solutions, Inc. (A)	15,133	32,990
RE/MAX Holdings, Inc., Class A	4,030	98,816
Redfin Corp. (A)	21,916	180,588
Seritage Growth Properties, Class A (A)	10,451	54,450
Stratus Properties, Inc. (A)	1,455	46,887
Tejon Ranch Company (A)	4,733	73,456
The RMR Group, Inc., Class A	3,449	97,779

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Real estate management and development (continued)</b>		
The St. Joe Company	7,060	\$ 279,294
		3,732,618
		34,565,594
<b>Utilities – 3.4%</b>		
<b>Electric utilities – 0.7%</b>		
ALLETE, Inc.	11,554	679,144
MGE Energy, Inc.	7,475	581,779
Otter Tail Corp.	8,412	564,698
PNM Resources, Inc.	17,334	828,219
Portland General Electric Company	18,187	878,978
		3,532,818
<b>Gas utilities – 1.3%</b>		
Brookfield Infrastructure Corp., Class A	20,210	858,925
Chesapeake Utilities Corp.	3,557	460,809
New Jersey Resources Corp.	19,814	882,317
Northwest Natural Holding Company	7,043	373,983
ONE Gas, Inc.	11,029	895,445
South Jersey Industries, Inc.	25,211	860,704
Southwest Gas Holdings, Inc.	13,367	1,163,998
Spire, Inc.	10,378	771,812
		6,267,993
<b>Independent power and renewable electricity producers – 0.4%</b>		
Altus Power, Inc. (A)	9,483	59,838
Clearway Energy, Inc., Class A	7,939	253,810
Clearway Energy, Inc., Class C	16,259	566,464
Montauk Renewables, Inc. (A)	13,632	137,002
Ormat Technologies, Inc.	9,229	723,092
Sunnova Energy International, Inc. (A)	20,542	378,589
		2,118,795
<b>Multi-utilities – 0.5%</b>		
Avista Corp.	14,776	642,904
Black Hills Corp.	13,229	962,674
NorthWestern Corp.	11,062	651,884
Unitil Corp.	3,399	199,589
		2,457,051
<b>Water utilities – 0.5%</b>		
American States Water Company	7,566	616,705
Artesian Resources Corp., Class A	2,212	108,764
California Water Service Group	11,068	614,827
Middlesex Water Company	3,623	317,665
Pure Cycle Corp. (A)	5,354	56,431
SJW Group	5,587	348,685
The York Water Company	3,328	134,551
		2,197,628
		16,574,285
<b>TOTAL COMMON STOCKS (Cost \$442,518,670)</b>		<b>\$ 467,226,940</b>
<b>WARRANTS – 0.0%</b>		
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)(B)	668	21,363
<b>TOTAL WARRANTS (Cost \$0)</b>		<b>\$ 21,363</b>
<b>SHORT-TERM INVESTMENTS – 4.7%</b>		
<b>U.S. Government Agency – 1.5%</b>		
Federal Home Loan Bank Discount Note 1.000%, 07/22/2022 *	\$ 7,200,000	7,194,125
<b>Short-term funds – 1.1%</b>		
John Hancock Collateral Trust, 1.4215% (D)(E)	546,563	5,463,665

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Index Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>Repurchase agreement – 2.1%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-22 at 0.240% to be repurchased at \$9,909,066 on 7-1-22, collateralized by \$10,118,300 U.S. Treasury Notes, 3.000% due 6-30-24 (valued at \$10,107,231)	\$ 9,909,000	\$ 9,909,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$22,568,639)</b>		<b>\$ 22,566,790</b>
<b>Total Investments (Small Cap Index Trust) (Cost \$465,087,309) – 100.8%</b>		<b>\$ 489,815,093</b>
<b>Other assets and liabilities, net – (0.8%)</b>		<b>(3,800,865)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 486,014,228</b>

## Small Cap Index Trust (continued)

### Security Abbreviations and Legend

CVR	Contingent Value Right
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(C)	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.
(D)	The rate shown is the annualized seven-day yield as of 6-30-22.
(E)	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.

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Russell 2000 E-Mini Index Futures	225	Long	Sep 2022	\$20,333,088	\$19,215,001	\$(1,118,087)
						<b>\$(1,118,087)</b>

<sup>^</sup> Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

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

## Small Cap Opportunities Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 99.3%</b>		
<b>Communication services – 1.9%</b>		
<b>Diversified telecommunication services – 0.4%</b>		
ATN International, Inc.	1,281	\$ 60,092
Communications Systems, Inc. (A)(B)	450	0
Consolidated Communications Holdings, Inc. (B)	4,985	34,895
EchoStar Corp., Class A (B)	4,430	85,499
Liberty Latin America, Ltd., Class A (B)	4,204	32,791
Liberty Latin America, Ltd., Class C (B)	11,346	88,385
Lumen Technologies, Inc.	20,570	224,419
		526,081
<b>Entertainment – 0.2%</b>		
Ballantyne Strong, Inc. (B)	1,114	2,685
Liberty Media Corp.-Liberty Formula One, Series A (B)	186	10,782
Lions Gate Entertainment Corp., Class A (B)	5,809	54,082
Lions Gate Entertainment Corp., Class B (B)	9,367	82,711
Madison Square Garden Entertainment Corp. (B)	1,410	74,194
Reading International, Inc., Class A (B)	1,100	3,971
The Marcus Corp. (B)	2,916	43,069
		271,494
<b>Interactive media and services – 0.1%</b>		
Cars.com, Inc. (B)	5,579	52,610
DHI Group, Inc. (B)	5,212	25,904
QuinStreet, Inc. (B)	1,887	18,983
TrueCar, Inc. (B)	3,669	9,503
Yelp, Inc. (B)	1,685	46,792

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Interactive media and services (continued)</b>		
Ziff Davis, Inc. (B)	654	\$ 48,743
		202,535
<b>Media – 1.0%</b>		
AMC Networks, Inc., Class A (B)	2,092	60,919
Audacy, Inc. (B)	6,702	6,315
Beasley Broadcast Group, Inc., Class A (B)	502	643
Boston Omaha Corp., Class A (B)	1,631	33,680
comScore, Inc. (B)	2,845	5,861
Cumulus Media, Inc., Class A (B)	1,193	9,222
Daily Journal Corp. (B)	41	10,611
DallasNews Corp.	1,059	6,703
Entravision Communications Corp., Class A	5,075	23,142
Fluent, Inc. (B)	5,600	6,664
Gannett Company, Inc. (B)	12,679	36,769
Gray Television, Inc.	6,546	110,562
Hemisphere Media Group, Inc. (B)	951	7,256
John Wiley & Sons, Inc., Class A	2,376	113,478
Loyalty Ventures, Inc. (B)	909	3,245
News Corp., Class A	13,143	204,768
News Corp., Class B	6,557	104,191
Nexstar Media Group, Inc., Class A	1,859	302,794
Scholastic Corp.	1,876	67,480
TEGNA, Inc.	8,149	170,885
The EW Scripps Company, Class A (B)	5,843	72,862
Thryv Holdings, Inc. (B)	400	8,956
Urban One, Inc. (B)	3,100	13,268
		1,380,274
<b>Wireless telecommunication services – 0.2%</b>		
Shenandoah Telecommunications Company	1,332	29,570



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Wireless telecommunication services (continued)</b>		
Spok Holdings, Inc.	3,863	\$ 24,337
Telephone & Data Systems, Inc.	7,131	112,598
United States Cellular Corp. (B)	2,570	74,427
		<u>240,932</u>
		2,621,316
<b>Consumer discretionary – 12.9%</b>		
<b>Auto components – 2.1%</b>		
Adient PLC (B)	6,695	198,373
American Axle & Manufacturing Holdings, Inc. (B)	7,735	58,245
Autoliv, Inc.	2,185	156,380
BorgWarner, Inc.	12,039	401,741
Cooper-Standard Holdings, Inc. (B)	1,311	6,542
Dana, Inc.	8,889	125,068
Dorman Products, Inc. (B)	5,031	551,951
Fox Factory Holding Corp. (B)	9,505	765,533
Gentherm, Inc. (B)	162	10,110
LCI Industries	657	73,505
Lear Corp.	1,143	143,892
Modine Manufacturing Company (B)	4,925	51,860
Motorcar Parts of America, Inc. (B)	1,585	20,795
Patrick Industries, Inc.	1,273	65,992
Standard Motor Products, Inc.	1,901	85,526
Stoneridge, Inc. (B)	1,672	28,675
Strattec Security Corp. (B)	924	30,631
The Goodyear Tire & Rubber Company (B)	19,283	206,521
		<u>2,981,340</u>
<b>Automobiles – 0.2%</b>		
Harley-Davidson, Inc.	3,482	110,240
Thor Industries, Inc.	1,759	131,450
Winnebago Industries, Inc.	2,220	107,803
		<u>349,493</u>
<b>Distributors – 0.1%</b>		
Funko, Inc., Class A (B)	2,763	61,670
Weyco Group, Inc.	1,316	32,176
		<u>93,846</u>
<b>Diversified consumer services – 1.2%</b>		
ADT, Inc.	13,007	79,993
Adtalem Global Education, Inc. (B)	3,782	136,039
American Public Education, Inc. (B)	1,450	23,432
Carriage Services, Inc.	1,297	51,426
Graham Holdings Company, Class B	347	196,693
Grand Canyon Education, Inc. (B)	8,819	830,662
Laureate Education, Inc.	5,834	67,499
Lincoln Educational Services Corp. (B)	1,100	6,941
Perdoceo Education Corp. (B)	5,378	63,353
Strategic Education, Inc.	535	37,760
Stride, Inc. (B)	2,888	117,802
Terminix Global Holdings, Inc. (B)	2,263	91,991
Universal Technical Institute, Inc. (B)	3,087	22,010
		<u>1,725,601</u>
<b>Hotels, restaurants and leisure – 1.3%</b>		
Ark Restaurants Corp.	64	1,152
Biglari Holdings, Inc., Class A (B)	3	1,763
Biglari Holdings, Inc., Class B (B)	102	12,515
BJ's Restaurants, Inc. (B)	1,440	31,219
Carrolls Restaurant Group, Inc.	1,688	3,410
Churchill Downs, Inc.	3,576	684,911
Chuy's Holdings, Inc. (B)	22,147	441,168
El Pollo Loco Holdings, Inc. (B)	2,613	25,712
Fiesta Restaurant Group, Inc. (B)	1,348	9,625
Krispy Kreme, Inc.	30,255	411,468

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Marriott Vacations Worldwide Corp.	466	\$ 54,149
Monarch Casino & Resort, Inc. (B)	1,074	63,012
Playa Hotels & Resorts NV (B)	2,743	18,844
RCI Hospitality Holdings, Inc.	396	19,151
		<u>1,778,099</u>
<b>Household durables – 2.3%</b>		
Bassett Furniture Industries, Inc.	1,234	22,360
Beazer Homes USA, Inc. (B)	1,614	19,481
Cavco Industries, Inc. (B)	510	99,955
Century Communities, Inc.	1,859	83,599
Ethan Allen Interiors, Inc.	2,768	55,941
Flexsteel Industries, Inc.	1,118	20,124
Green Brick Partners, Inc. (B)	2,414	47,242
Hooker Furnishings Corp.	1,821	28,317
iRobot Corp. (B)	743	27,305
KB Home	6,043	171,984
La-Z-Boy, Inc.	3,039	72,055
Legacy Housing Corp. (B)	1,185	15,464
LGI Homes, Inc. (B)	1,611	139,996
Lifetime Brands, Inc.	2,931	32,358
M/I Homes, Inc. (B)	2,195	87,054
MDC Holdings, Inc.	4,059	131,146
Meritage Homes Corp. (B)	2,251	163,198
Mohawk Industries, Inc. (B)	3,344	414,957
Newell Brands, Inc.	3,701	70,467
PulteGroup, Inc.	8,788	348,268
Taylor Morrison Home Corp. (B)	7,036	164,361
Toll Brothers, Inc.	8,961	399,661
TopBuild Corp. (B)	2,383	398,342
Tri Pointe Homes, Inc. (B)	9,765	164,736
Universal Electronics, Inc. (B)	745	19,050
VOXX International Corp. (B)	3,131	29,150
Whirlpool Corp.	98	15,177
		<u>3,241,748</u>
<b>Internet and direct marketing retail – 0.5%</b>		
1-800-Flowers.com, Inc., Class A (B)	890	8,464
Lands' End, Inc. (B)	2,354	24,999
Qurate Retail, Inc., Series A	22,636	64,965
Revolve Group, Inc. (B)	21,570	558,879
		<u>657,307</u>
<b>Leisure products – 0.3%</b>		
Acushnet Holdings Corp.	5,160	215,069
American Outdoor Brands, Inc. (B)	1,873	17,812
Clarus Corp.	557	10,577
Escalade, Inc.	2,724	35,385
Johnson Outdoors, Inc., Class A	766	46,849
Malibu Boats, Inc., Class A (B)	541	28,516
Nautilus, Inc. (B)	1,580	2,765
Smith & Wesson Brands, Inc.	3,041	39,928
Vista Outdoor, Inc. (B)	3,182	88,778
		<u>485,679</u>
<b>Multiline retail – 0.7%</b>		
Big Lots, Inc.	2,901	60,834
Dillard's, Inc., Class A	1,774	391,291
Franchise Group, Inc.	300	10,521
Kohl's Corp.	8,128	290,088
Macy's, Inc.	12,243	224,292
Ollie's Bargain Outlet Holdings, Inc. (B)	334	19,623
		<u>996,649</u>
<b>Specialty retail – 3.4%</b>		
Abercrombie & Fitch Company, Class A (B)	4,970	84,092
Academy Sports & Outdoors, Inc.	869	30,884

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
American Eagle Outfitters, Inc. (C)	11,745	\$ 131,309
America's Car-Mart, Inc. (B)	338	34,003
Asbury Automotive Group, Inc. (B)	997	168,832
AutoNation, Inc. (B)	5,327	595,346
Barnes & Noble Education, Inc. (B)	4,024	11,790
Big 5 Sporting Goods Corp. (C)	2,004	22,465
Build-A-Bear Workshop, Inc.	2,470	40,557
Chico's FAS, Inc. (B)	8,871	44,089
Citi Trends, Inc. (B)	367	8,680
Conn's, Inc. (B)	2,177	17,460
Designer Brands, Inc., Class A	2,923	38,174
Dick's Sporting Goods, Inc.	429	32,334
Five Below, Inc. (B)	5,419	614,677
Foot Locker, Inc.	5,362	135,391
Genesco, Inc. (B)	1,311	65,432
Group 1 Automotive, Inc.	1,593	270,491
Guess?, Inc. (C)	5,350	91,218
Haverty Furniture Companies, Inc.	1,613	37,389
Hibbett, Inc.	1,098	47,994
Lithia Motors, Inc.	3,178	873,346
LL Flooring Holdings, Inc. (B)	1,480	13,868
MarineMax, Inc. (B)	2,016	72,818
Monro, Inc.	1,145	49,098
National Vision Holdings, Inc. (B)	827	22,743
Penske Automotive Group, Inc.	4,213	441,059
Rent-A-Center, Inc.	418	8,130
Shoe Carnival, Inc.	2,304	49,789
Signet Jewelers, Ltd.	3,675	196,466
Sonic Automotive, Inc., Class A	1,522	55,751
Sportsman's Warehouse Holdings, Inc. (B)	3,273	31,388
The Aaron's Company, Inc.	1,356	19,730
The Cato Corp., Class A	1,957	22,721
The Children's Place, Inc. (B)	930	36,196
The Container Store Group, Inc. (B)	2,221	13,837
The Gap, Inc.	6,515	53,684
The ODP Corp. (B)	3,276	99,066
Tilly's, Inc., Class A	712	4,998
Urban Outfitters, Inc. (B)	6,474	120,805
Zumiez, Inc. (B)	1,822	47,372
		4,755,472
<b>Textiles, apparel and luxury goods – 0.8%</b>		
Capri Holdings, Ltd. (B)	2,484	101,869
Culp, Inc.	334	1,436
Delta Apparel, Inc. (B)	500	14,185
Fossil Group, Inc. (B)	3,231	16,704
G-III Apparel Group, Ltd. (B)	3,404	68,863
Lakeland Industries, Inc. (B)	1,110	17,050
Movado Group, Inc.	1,758	54,375
Oxford Industries, Inc.	5,121	454,438
Peace Mark Holdings, Ltd. (A)(B)	464,000	0
PVH Corp.	3,196	181,852
Ralph Lauren Corp.	189	16,944
Rocky Brands, Inc.	802	27,412
Superior Group of Companies, Inc.	663	11,768
Tapestry, Inc.	1,440	43,949
Unifi, Inc. (B)	2,453	34,489
Vera Bradley, Inc. (B)	2,034	8,828
Wolverine World Wide, Inc.	1,071	21,591
		1,075,753
		18,140,987
<b>Consumer staples – 4.6%</b>		
<b>Beverages – 0.4%</b>		
MGP Ingredients, Inc.	571	57,151

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Beverages (continued)</b>		
Molson Coors Beverage Company, Class B	10,060	\$ 548,371
		605,522
<b>Food and staples retailing – 1.6%</b>		
Grocery Outlet Holding Corp. (B)	3,602	153,553
Ingles Markets, Inc., Class A	1,612	139,841
Natural Grocers by Vitamin Cottage, Inc.	1,014	16,173
Performance Food Group Company (B)	14,137	650,019
PriceSmart, Inc.	4,990	357,434
Rite Aid Corp. (B)(C)	6,074	40,939
SpartanNash Company	3,523	106,289
Sprouts Farmers Market, Inc. (B)	4,445	112,547
The Andersons, Inc.	3,384	111,638
U.S. Foods Holding Corp. (B)	5,723	175,582
United Natural Foods, Inc. (B)	4,429	174,503
Village Super Market, Inc., Class A	685	15,625
Weis Markets, Inc.	2,371	176,734
		2,230,877
<b>Food products – 2.0%</b>		
Alico, Inc.	341	12,150
B&G Foods, Inc. (C)	1,941	46,157
Bunge, Ltd.	7,506	680,719
Calavo Growers, Inc.	300	12,516
Cal-Maine Foods, Inc.	1,652	81,625
Darling Ingredients, Inc. (B)	1,564	93,527
Farmer Brothers Company (B)	1,069	5,014
Fresh Del Monte Produce, Inc.	3,135	92,577
Hostess Brands, Inc. (B)	8,207	174,070
Ingredion, Inc.	2,898	255,488
J&J Snack Foods Corp.	577	80,584
Landec Corp. (B)	3,130	31,206
Limoneira Company	2,147	30,251
Pilgrim's Pride Corp. (B)	4,322	134,976
Post Holdings, Inc. (B)	3,484	286,907
Sanderson Farms, Inc.	1,082	233,203
Seaboard Corp.	52	201,894
Seneca Foods Corp., Class A (B)	908	50,430
The Hain Celestial Group, Inc. (B)	3,908	92,776
The Simply Good Foods Company (B)	1,707	64,473
Tootsie Roll Industries, Inc.	2,037	72,008
TreeHouse Foods, Inc. (B)	2,254	94,262
Whole Earth Brands, Inc. (B)	1,600	9,920
		2,836,733
<b>Household products – 0.2%</b>		
Central Garden & Pet Company (B)	1,553	65,878
Central Garden & Pet Company, Class A (B)	3,288	131,553
Oil-Dri Corp. of America	531	16,275
Spectrum Brands Holdings, Inc.	1,312	107,610
		321,316
<b>Personal products – 0.3%</b>		
BellRing Brands, Inc. (B)	4,416	109,914
Edgewell Personal Care Company	3,300	113,916
Natural Alternatives International, Inc. (B)	200	2,088
Nature's Sunshine Products, Inc. (B)	1,118	11,929
Nu Skin Enterprises, Inc., Class A	2,131	92,272
		330,119
<b>Tobacco – 0.1%</b>		
Universal Corp.	1,975	119,488
		6,444,055
<b>Energy – 7.6%</b>		
<b>Energy equipment and services – 1.3%</b>		
Archrock, Inc.	10,702	88,506
Bristow Group, Inc. (B)	737	17,246

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Energy equipment and services (continued)</b>		
ChampionX Corp.	7,217	\$ 143,257
Dril-Quip, Inc. (B)	2,386	61,559
Expro Group Holdings NV (B)	2,209	25,448
Exterran Corp. (B)	4,737	20,369
Geospace Technologies Corp. (B)	516	2,446
Gulf Island Fabrication, Inc. (B)	3,019	10,114
Helix Energy Solutions Group, Inc. (B)	12,029	37,290
Helmerich & Payne, Inc.	4,237	182,445
Liberty Energy, Inc. (B)	9,594	122,419
Nabors Industries, Ltd. (B)	597	79,938
National Energy Services Reunited Corp. (B)	3,117	21,133
Natural Gas Services Group, Inc. (B)	2,620	28,820
Newpark Resources, Inc. (B)	6,750	20,858
NexTier Oilfield Solutions, Inc. (B)	11,003	104,639
NOV, Inc.	2,128	35,984
Oceaneering International, Inc. (B)	5,817	62,126
Oil States International, Inc. (B)	4,041	21,902
Patterson-UTI Energy, Inc.	12,012	189,309
ProPetro Holding Corp. (B)	7,061	70,610
RPC, Inc. (B)	12,691	87,695
SEACOR Marine Holdings, Inc. (B)	2,432	14,008
Select Energy Services, Inc., Class A (B)	5,093	34,734
TechnipFMC PLC (B)	23,115	155,564
Tidewater, Inc. (B)	2,791	58,862
Transocean, Ltd. (B)(C)	13,252	44,129
U.S. Silica Holdings, Inc. (B)	4,282	48,900
		1,790,310
<b>Oil, gas and consumable fuels – 6.3%</b>		
Adams Resources & Energy, Inc.	724	23,306
Alto Ingredients, Inc. (B)	1,900	7,049
Antero Midstream Corp.	21,451	194,132
Antero Resources Corp. (B)	20,791	637,244
APA Corp.	368	12,843
Ardmore Shipping Corp. (B)	1,174	8,183
Berry Corp.	3,197	24,361
Callon Petroleum Company (B)	2,573	100,862
Centennial Resource Development, Inc., Class A (B)	15,050	89,999
Chesapeake Energy Corp.	564	45,740
Civitas Resources, Inc.	1,183	61,859
Clean Energy Fuels Corp. (B)	9,682	43,375
CNX Resources Corp. (B)	15,258	251,147
Comstock Resources, Inc. (B)	6,135	74,111
CONSOL Energy, Inc. (B)	3,700	182,706
Continental Resources, Inc.	4,250	277,738
Coterra Energy, Inc.	3,465	89,362
CVR Energy, Inc.	1,922	64,387
Delek US Holdings, Inc. (B)	5,312	137,262
DHT Holdings, Inc.	10,864	66,596
Dorian LPG, Ltd.	3,417	51,938
Earthstone Energy, Inc., Class A (B)	48,418	660,906
EnLink Midstream LLC (B)	15,546	132,141
EQT Corp.	11,057	380,361
Equitrans Midstream Corp.	25,675	163,293
Green Plains, Inc. (B)	5,268	143,132
HF Sinclair Corp.	8,800	397,408
International Seaways, Inc.	2,070	43,884
Kosmos Energy, Ltd. (B)	13,217	81,813
Magnolia Oil & Gas Corp., Class A	43,828	919,950
Marathon Oil Corp.	26,497	595,653
Matador Resources Company	19,428	905,151
Murphy Oil Corp.	10,625	320,769
NACCO Industries, Inc., Class A	700	26,530
Nordic American Tankers, Ltd.	2,259	4,812

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Overseas Shipholding Group, Inc., Class A (B)	5,561	\$ 11,400
PBF Energy, Inc., Class A (B)	7,833	227,314
PDC Energy, Inc.	6,240	384,446
Peabody Energy Corp. (B)	6,070	129,473
PHX Minerals, Inc.	557	1,693
Range Resources Corp. (B)	6,308	156,123
Ranger Oil Corp., Class A (B)	651	21,398
REX American Resources Corp. (B)	429	36,379
SandRidge Energy, Inc. (B)	1,746	27,360
Scorpio Tankers, Inc.	2,894	99,872
SFL Corp., Ltd.	10,526	99,892
SilverBow Resources, Inc. (B)	324	9,189
SM Energy Company	5,199	177,754
Talos Energy, Inc. (B)	5,072	78,464
Teekay Corp. (B)	286	824
Teekay Tankers, Ltd., Class A (B)	2,780	49,011
Whiting Petroleum Corp.	2,713	184,565
World Fuel Services Corp.	3,166	64,776
		8,979,936
		10,770,246
<b>Financials – 21.3%</b>		
<b>Banks – 12.6%</b>		
1st Source Corp.	2,092	94,977
ACNB Corp.	394	11,698
Allegiance Bancshares, Inc.	1,912	72,197
Amalgamated Financial Corp.	1,264	25,002
Amerant Bancorp, Inc.	2,145	60,317
American National Bankshares, Inc.	991	34,299
Ameris Bancorp	17,845	717,012
Arrow Financial Corp.	1,085	34,514
Associated Banc-Corp.	14,499	264,752
Atlantic Union Bankshares Corp.	15,025	509,648
Banc of California, Inc.	5,646	99,483
Bank of Marin Bancorp	1,851	58,825
Bank OZK	8,966	336,494
BankFinancial Corp.	2,146	20,151
BankUnited, Inc.	5,754	204,670
Banner Corp.	3,379	189,934
Bar Harbor Bankshares	1,690	43,703
BayCom Corp.	507	10,485
BCB Bancorp, Inc.	1,477	25,153
Berkshire Hills Bancorp, Inc.	3,539	87,661
Blue Ridge Bankshares, Inc.	682	10,448
BOK Financial Corp.	4,528	342,226
Brookline Bancorp, Inc.	6,310	83,986
Business First Bancshares, Inc.	897	19,115
Byline Bancorp, Inc.	2,007	47,767
C&F Financial Corp.	627	28,823
Cadence Bank	8,101	190,211
Cambridge Bancorp	121	10,007
Camden National Corp.	1,722	75,854
Capital City Bank Group, Inc.	1,865	52,015
Capstar Financial Holdings, Inc.	972	19,071
Carter Bankshares, Inc. (B)	1,494	19,721
Cathay General Bancorp	4,724	184,945
CBTX, Inc.	1,248	33,184
Central Pacific Financial Corp.	2,460	52,767
Central Valley Community Bancorp	600	8,700
Chemung Financial Corp.	723	33,981
Citizens & Northern Corp.	960	23,203
City Holding Company	481	38,422
Civista Bancshares, Inc.	1,114	23,684
CNB Financial Corp.	1,562	37,785
Colony Bancorp, Inc.	959	14,471

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Columbia Banking System, Inc.	4,574	\$ 131,045
Comerica, Inc.	4,267	313,112
Community Trust Bancorp, Inc.	1,347	54,473
ConnectOne Bancorp, Inc.	2,250	55,013
CrossFirst Bankshares, Inc. (B)	3,053	40,300
Customers Bancorp, Inc. (B)	2,568	87,055
CVB Financial Corp.	5,556	137,844
Dime Community Bancshares, Inc.	3,390	100,514
Eagle Bancorp, Inc.	2,076	98,423
Eastern Bankshares, Inc.	1,056	19,494
Enterprise Bancorp, Inc.	246	7,919
Enterprise Financial Services Corp.	2,185	90,678
Equity Bancshares, Inc., Class A	1,442	42,049
Farmers National Banc Corp.	1,865	27,975
FB Financial Corp.	1,789	70,165
Financial Institutions, Inc.	1,481	38,536
First Bancorp (North Carolina)	2,905	101,385
First Bancorp (Puerto Rico)	14,979	193,379
First Bank	900	12,582
First Busey Corp.	2,937	67,110
First Business Financial Services, Inc.	1,366	42,606
First Citizens BancShares, Inc., Class A	219	143,178
First Commonwealth Financial Corp.	8,341	111,936
First Community Bankshares, Inc.	2,201	64,731
First Financial Bancorp	7,516	145,810
First Financial Corp.	1,432	63,724
First Financial Northwest, Inc.	1,100	17,094
First Foundation, Inc.	1,677	34,345
First Hawaiian, Inc.	9,183	208,546
First Horizon Corp.	25,469	556,752
First Internet Bancorp	777	28,609
First Interstate BancSystem, Inc., Class A	4,489	171,076
First Merchants Corp.	4,369	155,624
First Mid Bankshares, Inc.	1,270	45,301
First Northwest Bancorp	800	12,480
Flushing Financial Corp.	2,921	62,100
FNB Corp.	16,986	184,468
Fulton Financial Corp.	11,240	162,418
German American Bancorp, Inc.	755	25,806
Great Southern Bancorp, Inc.	1,117	65,412
Guaranty Bancshares, Inc.	293	10,621
Hancock Whitney Corp.	7,556	334,957
Hanmi Financial Corp.	3,082	69,160
HarborOne Bancorp, Inc.	4,217	58,152
Heartland Financial USA, Inc.	2,917	121,172
Heritage Commerce Corp.	5,322	56,892
Heritage Financial Corp.	2,815	70,825
Hilltop Holdings, Inc.	4,528	120,716
HomeStreet, Inc.	1,802	62,475
HomeTrust Bancshares, Inc.	560	14,000
Hope Bancorp, Inc.	10,431	144,365
Horizon Bancorp, Inc.	3,849	67,050
Independent Bank Corp. (Massachusetts)	2,387	189,599
Independent Bank Corp. (Michigan)	1,806	34,820
Independent Bank Group, Inc.	2,888	196,124
International Bancshares Corp.	4,680	187,574
Investar Holding Corp.	500	10,950
Lakeland Bancorp, Inc.	3,580	52,340
LCNB Corp.	600	8,970
M&T Bank Corp.	1,406	224,102
Macatawa Bank Corp.	5,091	45,004
Mercantile Bank Corp.	1,666	53,229
Meta Financial Group, Inc.	2,595	100,349
Metropolitan Bank Holding Corp. (B)	456	31,656
Mid Penn Bancorp, Inc.	765	20,632

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Midland States Bancorp, Inc.	1,070	\$ 25,723
MidWestOne Financial Group, Inc.	1,343	39,914
MVB Financial Corp.	300	9,333
National Bank Holdings Corp., Class A	1,336	51,129
National Bankshares, Inc.	622	19,531
NBT Bancorp, Inc.	2,964	111,417
Nicolet Bankshares, Inc. (B)	565	40,872
Northeast Bank	770	28,128
Northrim BanCorp, Inc.	647	26,048
Northwest Bancshares, Inc.	8,263	105,766
Norwood Financial Corp.	1,188	28,821
OceanFirst Financial Corp.	1,393	26,648
OFG Bancorp	4,124	104,750
Old National Bancorp	18,139	268,276
Old Second Bancorp, Inc.	2,721	36,407
Origin Bancorp, Inc.	1,115	43,262
Orrstown Financial Services, Inc.	500	12,085
Pacific Premier Bancorp, Inc.	6,428	187,955
PacWest Bancorp	6,786	180,915
Peapack-Gladstone Financial Corp.	1,625	48,263
Penns Woods Bancorp, Inc.	1,188	27,431
Peoples Bancorp, Inc.	2,883	76,688
Pinnacle Financial Partners, Inc.	10,602	766,631
Popular, Inc.	5,455	419,653
Preferred Bank	388	26,392
Premier Financial Corp.	2,467	62,538
Primis Financial Corp.	3,850	52,476
Prosperity Bancshares, Inc.	5,378	367,156
QCR Holdings, Inc.	1,211	65,382
RBB Bancorp	1,075	22,220
Renasant Corp.	3,529	101,670
Republic Bancorp, Inc., Class A	1,449	69,914
Republic First Bancorp, Inc. (B)	2,700	10,287
Riverview Bancorp, Inc.	3,925	25,827
S&T Bancorp, Inc.	3,436	94,249
Sandy Spring Bancorp, Inc.	3,344	130,650
Seacoast Banking Corp. of Florida	1,753	57,919
Shore Bancshares, Inc.	2,225	41,163
Sierra Bancorp	1,759	38,223
Simmons First National Corp., Class A	6,116	130,026
SmartFinancial, Inc.	500	12,080
Southern First Bancshares, Inc. (B)	537	23,408
Southside Bancshares, Inc.	374	13,995
SouthState Corp.	2,903	223,966
Synovus Financial Corp.	3,170	114,279
Texas Capital Bancshares, Inc. (B)	3,434	180,766
The Bancorp, Inc. (B)	3,615	70,565
The Community Financial Corp.	300	11,064
The First Bancorp, Inc.	1,316	39,651
The First Bancshares, Inc.	1,307	37,380
The First of Long Island Corp.	2,386	41,827
Tompkins Financial Corp.	268	19,323
Towne Bank	4,917	133,497
TriCo Bancshares	721	32,906
Trustmark Corp.	4,932	143,965
UMB Financial Corp.	789	67,933
Umpqua Holdings Corp.	10,662	178,802
United Bankshares, Inc.	7,106	249,207
United Community Banks, Inc.	4,664	140,806
Univest Financial Corp.	2,067	52,584
Valley National Bancorp	23,485	244,479
Veritex Holdings, Inc.	1,384	40,496
Washington Federal, Inc.	4,842	145,357
Washington Trust Bancorp, Inc.	1,035	50,063
Webster Financial Corp.	5,218	219,939

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
WesBanco, Inc.	5,027	\$ 159,406
Wintrust Financial Corp.	3,040	243,656
Zions Bancorp NA	7,487	381,088
		17,782,388
<b>Capital markets – 1.8%</b>		
Blucora, Inc. (B)	4,863	89,771
Cowen, Inc., Class A	2,484	58,846
Houlihan Lokey, Inc.	6,021	475,238
Invesco, Ltd.	24,463	394,588
Janus Henderson Group PLC	6,521	153,309
Jefferies Financial Group, Inc.	9,310	257,142
Oppenheimer Holdings, Inc., Class A	1,674	55,309
PJT Partners, Inc., Class A	6,928	486,900
Stifel Financial Corp.	8,205	459,644
StoneX Group, Inc. (B)	1,346	105,082
		2,535,829
<b>Consumer finance – 0.5%</b>		
Atlantius Holdings Corp. (B)	505	17,761
Encore Capital Group, Inc. (B)	1,949	112,594
Enova International, Inc. (B)	2,224	64,096
EZCORP, Inc., Class A (B)	4,801	36,056
Green Dot Corp., Class A (B)	848	21,293
Navient Corp.	15,325	214,397
Nelnet, Inc., Class A	2,648	225,742
Nicholas Financial, Inc. (B)	75	699
PRA Group, Inc. (B)	2,487	90,427
Regional Management Corp.	573	21,413
		804,478
<b>Diversified financial services – 0.4%</b>		
Acacia Research Corp. (B)	2,172	10,947
Alerus Financial Corp.	904	21,524
California First Leasing Corp.	880	15,312
Cannae Holdings, Inc. (B)	3,978	76,935
Equitable Holdings, Inc.	1,531	39,913
Voya Financial, Inc.	6,477	385,576
		550,207
<b>Insurance – 4.6%</b>		
Alleghany Corp. (B)	918	764,786
Ambac Financial Group, Inc. (B)	1,536	17,434
American Equity Investment Life Holding Company	7,384	270,033
Argo Group International Holdings, Ltd.	2,597	95,725
Assured Guaranty, Ltd.	5,779	322,410
Axis Capital Holdings, Ltd.	4,518	257,933
Brighthouse Financial, Inc. (B)	4,653	190,866
CNA Financial Corp.	1,354	60,795
CNO Financial Group, Inc.	7,507	135,802
Donegal Group, Inc., Class A	2,876	49,036
Employers Holdings, Inc.	2,283	95,635
Enstar Group, Ltd. (B)	824	176,320
Everest Re Group, Ltd.	2,137	598,958
Fidelity National Financial, Inc.	1,894	70,002
First American Financial Corp.	3,274	173,260
Genworth Financial, Inc., Class A (B)	34,509	121,817
Global Indemnity Group LLC, Class A	1,190	30,785
Globe Life, Inc.	1,689	164,627
Greenlight Capital Re, Ltd., Class A (B)	2,616	20,222
Hallmark Financial Services, Inc. (B)	4,008	9,699
Heritage Insurance Holdings, Inc.	657	1,734
Horace Mann Educators Corp.	3,303	126,769
Investors Title Company	189	29,652
James River Group Holdings, Ltd.	2,157	53,450
Kemper Corp.	4,317	206,784
Lincoln National Corp.	8,094	378,556

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
MBIA, Inc. (B)	4,333	\$ 53,513
Mercury General Corp.	1,895	83,949
National Western Life Group, Inc., Class A	221	44,797
Old Republic International Corp.	13,924	311,341
ProAssurance Corp.	3,665	86,604
Reinsurance Group of America, Inc.	3,624	425,059
RenaissanceRe Holdings, Ltd.	419	65,519
Safety Insurance Group, Inc.	612	59,425
SiriusPoint, Ltd. (B)	8,380	45,420
Stewart Information Services Corp.	1,817	90,396
Tiptree, Inc.	3,689	39,177
United Fire Group, Inc.	1,897	64,934
United Insurance Holdings Corp.	5,283	8,241
Universal Insurance Holdings, Inc.	3,287	42,830
Unum Group	10,883	370,240
White Mountains Insurance Group, Ltd.	205	255,457
		6,469,992
<b>Thriffs and mortgage finance – 1.4%</b>		
Bridgewater Bancshares, Inc. (B)	798	12,880
Capitol Federal Financial, Inc.	11,378	104,450
ESSA Bancorp, Inc.	897	15,070
Federal Agricultural Mortgage Corp., Class C	594	58,004
Flagstar Bancorp, Inc.	3,861	136,872
FS Bancorp, Inc.	400	11,484
Home Bancorp, Inc.	902	30,785
Kearny Financial Corp.	5,361	59,561
Luther Burbank Corp.	1,694	22,107
Merchants Bancorp	511	11,584
MGIC Investment Corp.	9,993	125,912
Mr. Cooper Group, Inc. (B)	3,087	113,416
New York Community Bancorp, Inc.	24,244	221,348
NMI Holdings, Inc., Class A (B)	4,779	79,570
Northfield Bancorp, Inc.	4,119	53,671
Ocwen Financial Corp. (B)	315	8,631
OP Bancorp	1,000	10,490
PCSB Financial Corp.	1,342	25,619
PennyMac Financial Services, Inc.	1,950	85,235
Provident Financial Holdings, Inc.	1,778	26,368
Provident Financial Services, Inc.	5,205	115,863
Prudential Bancorp, Inc.	1,696	25,660
Radian Group, Inc.	10,338	203,142
Southern Missouri Bancorp, Inc.	1,012	45,803
Territorial Bancorp, Inc.	1,722	35,904
TrustCo Bank Corp. NY	1,826	56,314
Waterstone Financial, Inc.	3,099	52,838
Western New England Bancorp, Inc.	3,609	26,923
WSFS Financial Corp.	4,396	176,236
		1,951,740
		30,094,634
<b>Health care – 11.6%</b>		
<b>Biotechnology – 3.0%</b>		
Achillion Pharmaceuticals, Inc. (A)(B)	10,940	16,452
Agios Pharmaceuticals, Inc. (B)	3,611	80,056
Albireo Pharma, Inc. (B)	19,060	378,532
Allogene Therapeutics, Inc. (B)	1,599	18,229
AnaptysBio, Inc. (B)	1,489	30,227
Anika Therapeutics, Inc. (B)	1,585	35,377
Bioexcel Therapeutics, Inc. (B)	657	8,672
Bluebird Bio, Inc. (B)	3,230	13,372
Catalyst Pharmaceuticals, Inc. (B)	2,300	16,123
ChemoCentryx, Inc. (B)	28,245	699,911
Concert Pharmaceuticals, Inc. (B)	1,198	5,044
Eagle Pharmaceuticals, Inc. (B)	236	10,485

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Emergent BioSolutions, Inc. (B)	2,676	\$ 83,063
Halozyne Therapeutics, Inc. (B)	13,970	614,680
Immunovant, Inc. (B)	1,794	6,997
Insmmed, Inc. (B)	19,010	374,877
Jounce Therapeutics, Inc. (B)	3,193	9,675
Kura Oncology, Inc. (B)	2,404	44,065
Ligand Pharmaceuticals, Inc. (B)	633	56,476
Myriad Genetics, Inc. (B)	5,783	105,077
Oyster Point Pharma, Inc. (B)	26,825	116,152
PDL BioPharma, Inc. (A)(B)	5,434	4,293
REGENXBIO, Inc. (B)	1,693	41,817
Replimune Group, Inc. (B)	1,243	21,728
Sage Therapeutics, Inc. (B)	1,444	46,641
Travere Therapeutics, Inc. (B)	19,412	470,353
Turning Point Therapeutics, Inc. (B)	723	54,406
United Therapeutics Corp. (B)	467	110,044
Vanda Pharmaceuticals, Inc. (B)	4,716	51,404
Veracyte, Inc. (B)	10,218	203,338
Vericel Corp. (B)	17,552	441,959
Viking Therapeutics, Inc. (B)	4,579	13,233
Xencor, Inc. (B)	496	13,576
		4,196,334
<b>Health care equipment and supplies – 2.9%</b>		
AngioDynamics, Inc. (B)	3,198	61,881
Artivion, Inc. (B)	20,732	391,420
AtriCure, Inc. (B)	11,548	471,851
Avanos Medical, Inc. (B)	3,807	104,083
Cardiovascular Systems, Inc. (B)	15,024	215,745
CryoPort, Inc. (B)	10,425	322,967
Enovis Corp. (B)	2,502	137,610
Envista Holdings Corp. (B)	8,580	330,673
FONAR Corp. (B)	463	7,033
Globus Medical, Inc., Class A (B)	9,772	548,600
Heska Corp. (B)	103	9,735
ICU Medical, Inc. (B)	2,293	376,946
Inogen, Inc. (B)	1,178	28,484
Integer Holdings Corp. (B)	2,433	171,916
Integra LifeSciences Holdings Corp. (B)	9,673	522,632
Invacare Corp. (B)	3,396	4,347
Kewaunee Scientific Corp. (B)	83	1,372
LENSAR, Inc. (B)	783	5,097
Meridian Bioscience, Inc. (B)	2,202	66,985
Merit Medical Systems, Inc. (B)	691	37,501
Mesa Laboratories, Inc.	169	34,466
Natus Medical, Inc. (B)	2,200	72,094
NuVasive, Inc. (B)	1,542	75,805
OraSure Technologies, Inc. (B)	4,040	10,948
Orthofix Medical, Inc. (B)	1,236	29,095
SeaSpine Holdings Corp. (B)	2,224	12,566
Surgalign Holdings, Inc. (B)	164	559
UFP Technologies, Inc. (B)	300	23,871
Utah Medical Products, Inc.	289	24,825
Varex Imaging Corp. (B)	2,872	61,432
		4,162,539
<b>Health care providers and services – 2.6%</b>		
Acadia Healthcare Company, Inc. (B)	12,049	814,874
Addus HomeCare Corp. (B)	1,091	90,858
AlerisLife, Inc. (B)	2,100	2,520
Brookdale Senior Living, Inc. (B)	12,258	55,651
Castle Biosciences, Inc. (B)	9,635	211,488
Covetrus, Inc. (B)	10,436	216,547
Cross Country Healthcare, Inc. (B)	2,734	56,949
Encompass Health Corp.	160	8,968
Fulgent Genetics, Inc. (B)	1,668	90,956
HealthEquity, Inc. (B)	9,774	600,026

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
LHC Group, Inc. (B)	256	\$ 39,869
MEDNAX, Inc. (B)	5,689	119,526
National HealthCare Corp.	1,428	99,817
OPKO Health, Inc. (B)	2,204	5,576
Owens & Minor, Inc.	3,760	118,252
Patterson Companies, Inc.	3,536	107,141
PetIQ, Inc. (B)	1,147	19,258
Premier, Inc., Class A	5,310	189,461
Select Medical Holdings Corp.	1,122	26,502
Universal Health Services, Inc., Class B	3,120	314,215
US Physical Therapy, Inc.	4,096	447,283
		3,635,737
<b>Health care technology – 0.2%</b>		
Allscripts Healthcare Solutions, Inc. (B)	10,106	149,872
Computer Programs & Systems, Inc. (B)	1,067	34,112
HealthStream, Inc. (B)	1,969	42,747
NextGen Healthcare, Inc. (B)	2,165	37,758
		264,489
<b>Life sciences tools and services – 1.2%</b>		
Azenta, Inc.	10,895	785,530
Harvard Bioscience, Inc. (B)	5,200	18,720
Medpace Holdings, Inc. (B)	3,565	533,574
Personalis, Inc. (B)	1,146	3,954
Syneos Health, Inc. (B)	6,371	456,673
		1,798,451
<b>Pharmaceuticals – 1.7%</b>		
Amphastar Pharmaceuticals, Inc. (B)	600	20,874
ANI Pharmaceuticals, Inc. (B)	800	23,736
Cara Therapeutics, Inc. (B)	2,825	25,792
Collegium Pharmaceutical, Inc. (B)	624	11,057
Cumberland Pharmaceuticals, Inc. (B)	956	1,984
Cymabay Therapeutics, Inc. (B)	6,567	19,373
Elanco Animal Health, Inc. (B)	6,546	128,498
Endo International PLC (B)	2,935	1,367
Innoviva, Inc. (B)	1,860	27,454
Intra-Cellular Therapies, Inc. (B)	10,462	597,171
Jazz Pharmaceuticals PLC (B)	1,243	193,920
Organon & Company	695	23,456
Perrigo Company PLC	6,408	259,973
Phathom Pharmaceuticals, Inc. (B)	27,936	235,780
Prestige Consumer Healthcare, Inc. (B)	3,032	178,282
Satsuma Pharmaceuticals, Inc. (B)	2,208	9,141
Supernus Pharmaceuticals, Inc. (B)	20,628	596,562
Taro Pharmaceutical Industries, Ltd. (B)	503	18,188
		2,372,608
		16,430,158
<b>Industrials – 18.1%</b>		
<b>Aerospace and defense – 1.0%</b>		
AAR Corp. (B)	3,093	129,411
Astronics Corp. (B)	1,700	17,289
Curtiss-Wright Corp.	730	96,404
Ducommun, Inc. (B)	1,674	72,049
Kaman Corp.	1,770	55,313
Kratos Defense & Security Solutions, Inc. (B)	3,850	53,438
Maxar Technologies, Inc.	1,896	49,467
Mercury Systems, Inc. (B)	1,672	107,560
Moog, Inc., Class A	1,548	122,896
National Presto Industries, Inc.	644	42,272
Park Aerospace Corp.	2,083	26,579
Parsons Corp. (B)	721	29,143
SIFCO Industries, Inc. (B)	1,000	3,100
Vectrus, Inc. (B)	1,029	34,430

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Aerospace and defense (continued)</b>		
Woodward, Inc.	5,552	\$ 513,504
		1,352,855
<b>Air freight and logistics – 0.3%</b>		
Air Transport Services Group, Inc. (B)	5,230	150,258
Atlas Air Worldwide Holdings, Inc. (B)	2,473	152,609
Hub Group, Inc., Class A (B)	2,418	171,533
Radiant Logistics, Inc. (B)	3,764	27,929
		502,329
<b>Airlines – 0.4%</b>		
Allegiant Travel Company (B)	1,247	141,023
Copa Holdings SA, Class A (B)	905	57,350
Hawaiian Holdings, Inc. (B)	3,931	56,253
JetBlue Airways Corp. (B)	18,552	155,280
Mesa Air Group, Inc. (B)	1,399	3,064
SkyWest, Inc. (B)	3,644	77,435
Spirit Airlines, Inc. (B)(C)	5,129	122,275
		612,680
<b>Building products – 1.5%</b>		
American Woodmark Corp. (B)	1,309	58,918
Apogee Enterprises, Inc.	2,405	94,324
Builders FirstSource, Inc. (B)	8,339	447,804
Cornerstone Building Brands, Inc. (B)	808	19,788
Gibraltar Industries, Inc. (B)	10,586	410,208
Griffon Corp.	2,832	79,381
Hayward Holdings, Inc. (B)	1,303	18,750
Insteel Industries, Inc.	1,689	56,869
JELD-WEN Holding, Inc. (B)	10,460	152,611
Masonite International Corp. (B)	1,353	103,951
Owens Corning	1,092	81,147
PGT Innovations, Inc. (B)	2,094	34,844
Quanex Building Products Corp.	3,929	89,385
Resideo Technologies, Inc. (B)	5,191	100,809
The AZEK Company, Inc. (B)	5,767	96,540
UFP Industries, Inc.	3,823	260,499
		2,105,828
<b>Commercial services and supplies – 1.7%</b>		
ABM Industries, Inc.	5,148	223,526
ACCO Brands Corp.	8,323	54,349
Acme United Corp.	733	23,214
Brady Corp., Class A	1,855	87,630
BrightView Holdings, Inc. (B)	6,339	76,068
CECO Environmental Corp. (B)	1,395	8,342
Civeo Corp. (B)	673	17,411
Clean Harbors, Inc. (B)	371	32,526
Deluxe Corp.	1,612	34,932
Ennis, Inc.	2,608	52,760
Harsco Corp. (B)	4,378	31,128
Healthcare Services Group, Inc.	2,180	37,954
Heritage-Crystal Clean, Inc. (B)	1,877	50,604
HNI Corp.	1,502	52,104
Interface, Inc.	2,884	36,165
KAR Auction Services, Inc. (B)	8,224	121,468
Kimball International, Inc., Class B	1,715	13,154
Mathews International Corp., Class A	1,985	56,910
MillerKnoll, Inc.	1,960	51,489
NL Industries, Inc.	3,260	32,176
Ritchie Brothers Auctioneers, Inc.	15,486	1,007,519
SP Plus Corp. (B)	400	12,288
Steelcase, Inc., Class A	5,481	58,811
Team, Inc. (B)	2,106	1,565
UniFirst Corp.	667	114,844
Viad Corp. (B)	528	14,578
Virco Manufacturing Corp. (B)	1,200	4,620

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Commercial services and supplies (continued)</b>		
VSE Corp.	1,368	\$ 51,409
		2,359,544
<b>Construction and engineering – 1.5%</b>		
API Group Corp. (B)	2,846	42,605
Arcosa, Inc.	4,310	200,113
Argan, Inc.	854	31,871
Concrete Pumping Holdings, Inc. (B)	1,800	10,908
Construction Partners, Inc., Class A (B)	936	19,600
Dycom Industries, Inc. (B)	4,583	426,402
EMCOR Group, Inc.	1,174	120,875
Fluor Corp. (B)	3,410	82,999
Granite Construction, Inc.	3,746	109,158
Great Lakes Dredge & Dock Corp. (B)	6,888	90,302
IES Holdings, Inc. (B)	1,180	35,601
MasTec, Inc. (B)	3,659	262,204
Matrix Service Company (B)	2,731	13,819
MDU Resources Group, Inc.	10,901	294,218
MYR Group, Inc. (B)	1,212	106,814
Northwest Pipe Company (B)	1,306	39,102
NV5 Global, Inc. (B)	533	62,222
Orion Group Holdings, Inc. (B)	4,263	9,720
Primoris Services Corp.	3,474	75,594
Sterling Infrastructure, Inc. (B)	2,528	55,414
Tutor Perini Corp. (B)	4,167	36,586
		2,126,127
<b>Electrical equipment – 1.2%</b>		
Acuity Brands, Inc.	150	23,106
Allied Motion Technologies, Inc.	300	6,852
American Superconductor Corp. (B)	1,655	8,573
Atkore, Inc. (B)	8,523	707,494
AZZ, Inc.	1,376	56,168
Encore Wire Corp.	1,949	202,540
EnerSys	1,533	90,386
LSI Industries, Inc.	4,131	25,488
nVent Electric PLC	3,155	98,846
Pineapple Energy, Inc.	450	1,053
Powell Industries, Inc.	1,244	29,072
Preformed Line Products Company	802	49,323
Regal Rexnord Corp.	1,743	197,865
Sensata Technologies Holding PLC	3,072	126,904
Sunrun, Inc. (B)	2,009	46,930
Thermon Group Holdings, Inc. (B)	3,483	48,936
Ultralife Corp. (B)	1,984	9,027
		1,728,563
<b>Machinery – 4.0%</b>		
AGCO Corp.	1,707	168,481
Alamo Group, Inc.	5,220	607,765
Albany International Corp., Class A	2,075	163,489
Altra Industrial Motion Corp.	3,943	138,991
Astec Industries, Inc.	2,415	98,484
Barnes Group, Inc.	3,344	104,132
CIRCOR International, Inc. (B)	1,614	26,453
Columbus McKinnon Corp.	2,178	61,790
Enerpac Tool Group Corp.	2,335	44,412
EnPro Industries, Inc.	1,302	106,673
Esab Corp.	2,502	109,463
ESCO Technologies, Inc.	1,885	128,877
Federal Signal Corp.	3,670	130,652
Flowserve Corp.	699	20,012
Gates Industrial Corp. PLC (B)	11,286	122,002
Gencor Industries, Inc. (B)	2,100	21,336
Graham Corp.	333	2,304
Helios Technologies, Inc.	8,100	536,625
Hillenbrand, Inc.	2,144	87,818

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Hurco Companies, Inc.	1,054	\$ 26,076
Hyster-Yale Materials Handling, Inc.	815	26,259
Kennametal, Inc.	4,513	104,837
LB Foster Company, Class A (B)	1,699	21,866
Luxfer Holdings PLC	633	9,571
Mayville Engineering Company, Inc. (B)	1,096	8,483
Meritor, Inc. (B)	2,572	93,441
Miller Industries, Inc.	1,434	32,509
Mueller Industries, Inc.	2,004	106,793
Mueller Water Products, Inc., Class A	3,140	36,832
NN, Inc. (B)	2,376	6,011
Oshkosh Corp.	1,476	121,239
Park-Ohio Holdings Corp.	749	11,879
Perma-Pipe International Holdings, Inc. (B)	1,100	9,900
Proto Labs, Inc. (B)	986	47,170
RBC Bearings, Inc. (B)	4,057	750,342
REV Group, Inc.	3,946	42,893
Snap-on, Inc.	769	151,516
SPX Corp. (B)	700	36,988
Standex International Corp.	310	26,282
Tennant Company	494	29,270
Terex Corp.	1,393	38,126
The Eastern Company	1,471	29,920
The Gorman-Rupp Company	1,454	41,148
The Greenbrier Companies, Inc.	2,830	101,852
The LS Starrett Company, Class A (B)	1,530	10,741
The Manitowoc Company, Inc. (B)	3,343	35,202
The Shyft Group, Inc.	28,997	539,054
The Timken Company	2,179	115,596
Titan International, Inc. (B)	3,936	59,434
Trinity Industries, Inc.	7,997	193,687
Twin Disc, Inc. (B)	1,650	14,949
Wabash National Corp.	1,980	26,888
		5,586,513
<b>Marine – 0.4%</b>		
Costamare, Inc.	6,641	80,356
Eagle Bulk Shipping, Inc.	788	40,881
Eneti, Inc.	1,112	6,828
Genco Shipping & Trading, Ltd.	3,003	58,018
Kirby Corp. (B)	2,166	131,779
Matson, Inc.	2,868	209,020
		526,882
<b>Professional services – 2.4%</b>		
Barrett Business Services, Inc.	497	36,216
BGSF, Inc.	800	9,888
CACI International, Inc., Class A (B)	2,654	747,844
CBIZ, Inc. (B)	4,080	163,037
CRA International, Inc.	722	64,489
Exponent, Inc.	8,152	745,663
Forrester Research, Inc. (B)	9,254	442,711
Heidrick & Struggles International, Inc.	1,672	54,106
Hill International, Inc. (B)	3,275	5,502
Huron Consulting Group, Inc. (B)	1,411	91,701
ICF International, Inc.	1,429	135,755
Kelly Services, Inc., Class A	4,330	85,864
Korn Ferry	3,492	202,606
ManpowerGroup, Inc.	1,187	90,699
ManTech International Corp., Class A	1,905	181,832
Mistras Group, Inc. (B)	2,232	13,258
Nielsen Holdings PLC	9,392	218,082
RCM Technologies, Inc. (B)	300	6,072
Resources Connection, Inc.	4,120	83,924
TrueBlue, Inc. (B)	3,219	57,620

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Professional services (continued)</b>		
Willdan Group, Inc. (B)	400	\$ 11,032
		3,447,901
<b>Road and rail – 1.3%</b>		
AMERCO	1,099	525,575
ArcBest Corp.	1,977	139,121
Covenant Logistics Group, Inc.	1,513	37,961
Heartland Express, Inc.	4,107	57,128
Knight-Swift Transportation Holdings, Inc.	8,121	375,921
Marten Transport, Ltd.	6,368	107,110
P.A.M. Transportation Services, Inc. (B)	2,700	73,953
Patriot Transportation Holding, Inc.	450	3,348
Ryder System, Inc.	3,393	241,107
Schneider National, Inc., Class B	2,987	66,849
U.S. Xpress Enterprises, Inc., Class A (B)	2,111	5,657
Universal Logistics Holdings, Inc.	600	16,386
USA Truck, Inc. (B)	1,375	43,203
Werner Enterprises, Inc.	4,155	160,134
		1,853,453
<b>Trading companies and distributors – 2.4%</b>		
Air Lease Corp.	8,638	288,768
Alta Equipment Group, Inc. (B)	1,696	15,213
Applied Industrial Technologies, Inc.	427	41,065
Beacon Roofing Supply, Inc. (B)	4,181	214,736
BlueLinx Holdings, Inc. (B)	665	44,429
Boise Cascade Company	2,546	151,462
Distribution Solutions Group, Inc. (B)	591	30,371
DXP Enterprises, Inc. (B)	1,767	54,123
GATX Corp.	2,663	250,748
GMS, Inc. (B)	1,599	71,156
Herc Holdings, Inc.	249	22,447
McGrath RentCorp	1,800	136,800
MRC Global, Inc. (B)	2,745	27,340
NOW, Inc. (B)	7,656	74,876
Rush Enterprises, Inc., Class A	2,831	136,454
Rush Enterprises, Inc., Class B	1,117	55,414
SiteOne Landscape Supply, Inc. (B)	6,668	792,625
Textainer Group Holdings, Ltd.	3,510	96,209
Titan Machinery, Inc. (B)	2,366	53,022
Triton International, Ltd.	4,778	251,562
Univar Solutions, Inc. (B)	3,996	99,381
Veritiv Corp. (B)	1,106	120,056
WESCO International, Inc. (B)	2,696	288,742
Willis Lease Finance Corp. (B)	406	15,217
		3,332,216
		25,534,891
<b>Information technology – 12.1%</b>		
<b>Communications equipment – 1.2%</b>		
ADTRAN, Inc.	4,669	81,848
Aviat Networks, Inc. (B)	829	20,758
BK Technologies Corp.	2,100	5,565
Comtech Telecommunications Corp.	2,706	24,543
Digi International, Inc. (B)	3,371	81,646
Genasys, Inc. (B)	3,300	10,725
Harmonic, Inc. (B)	6,756	58,575
Juniper Networks, Inc.	11,858	337,953
NETGEAR, Inc. (B)	3,326	61,598
NetScout Systems, Inc. (B)	5,287	178,965
Optical Cable Corp. (B)	931	3,361
Ribbon Communications, Inc. (B)	8,541	25,965
TESSCO Technologies, Inc. (B)	1,750	10,343
Viasat, Inc. (B)	4,575	140,132



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Communications equipment (continued)</b>		
Viavi Solutions, Inc. (B)	53,027	\$ 701,547
		1,743,524
<b>Electronic equipment, instruments and components – 3.6%</b>		
ADDvantage Technologies Group, Inc. (B)	428	535
Advanced Energy Industries, Inc.	513	37,439
Arrow Electronics, Inc. (B)	6,456	723,653
Avnet, Inc.	9,371	401,828
Bel Fuse, Inc., Class B	1,641	25,534
Belden, Inc.	2,810	149,689
Benchmark Electronics, Inc.	3,813	86,021
CTS Corp.	2,910	99,086
Daktronics, Inc. (B)	3,929	11,826
ePlus, Inc. (B)	1,596	84,780
Fabrinet (B)	1,586	128,625
FARO Technologies, Inc. (B)	295	9,095
Flex, Ltd. (B)	22,654	327,803
Frequency Electronics, Inc. (B)	1,783	13,016
II-VI, Inc. (B)	192	9,782
Insight Enterprises, Inc. (B)	2,190	188,953
Itron, Inc. (B)	1,487	73,502
Jabil, Inc.	1,463	74,920
Key Tronic Corp. (B)	1,900	8,379
Kimball Electronics, Inc. (B)	3,036	61,024
Knowles Corp. (B)	5,768	99,959
Methode Electronics, Inc.	1,701	63,005
Novanta, Inc. (B)	6,694	811,781
OSI Systems, Inc. (B)	880	75,187
PC Connection, Inc.	2,391	105,324
Plexus Corp. (B)	2,005	157,393
RF Industries, Ltd. (B)	120	744
Richardson Electronics, Ltd.	2,384	34,949
Rogers Corp. (B)	1,055	276,505
Sanmina Corp. (B)	4,939	201,165
ScanSource, Inc. (B)	2,542	79,158
TD SYNNEX Corp.	2,778	253,076
TTM Technologies, Inc. (B)	8,193	102,413
Vishay Intertechnology, Inc.	9,510	169,468
Vishay Precision Group, Inc. (B)	1,686	49,113
Wayside Technology Group, Inc.	314	10,437
		5,005,167
<b>IT services – 1.2%</b>		
BM Technologies, Inc. (B)	367	2,162
Bread Financial Holdings, Inc.	2,273	84,237
Brightcove, Inc. (B)	1,561	9,866
Cass Information Systems, Inc.	379	12,810
Concentrix Corp.	2,182	295,966
Conduent, Inc. (B)	11,467	49,537
DXC Technology Company (B)	10,684	323,832
Information Services Group, Inc.	4,400	29,744
Maximus, Inc.	710	44,382
Rackspace Technology, Inc. (B)	4,730	33,914
SolarWinds Corp.	1,373	14,073
Thoughtworks Holding, Inc. (B)	52,487	740,586
		1,641,109
<b>Semiconductors and semiconductor equipment – 3.0%</b>		
Alpha & Omega Semiconductor, Ltd. (B)	2,746	91,552
Amkor Technology, Inc.	18,705	317,050
Amtech Systems, Inc. (B)	2,404	17,549
Axcelis Technologies, Inc. (B)	2,276	124,816
AXT, Inc. (B)	4,229	24,782
CEVA, Inc. (B)	1,530	51,347
CMC Materials, Inc.	212	36,992
Cohu, Inc. (B)	3,140	87,135
Diodes, Inc. (B)	2,216	143,087

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
First Solar, Inc. (B)	4,689	\$ 319,462
FormFactor, Inc. (B)	1,299	50,310
Ichor Holdings, Ltd. (B)	1,931	50,167
Kulicke & Soffa Industries, Inc.	4,804	205,659
MACOM Technology Solutions Holdings, Inc. (B)	15,521	715,518
Magnachip Semiconductor Corp. (B)	799	11,609
NeoPhotonics Corp. (B)	3,808	59,900
Onto Innovation, Inc. (B)	1,755	122,394
Photronics, Inc. (B)	5,882	114,581
Power Integrations, Inc.	9,859	739,524
Rambus, Inc. (B)	3,601	77,385
Silicon Laboratories, Inc. (B)	5,131	719,469
Ultra Clean Holdings, Inc. (B)	3,668	109,196
Veeco Instruments, Inc. (B)	2,996	58,122
		4,247,606
<b>Software – 2.8%</b>		
ACI Worldwide, Inc. (B)	4,023	104,155
Asure Software, Inc. (B)	1,391	7,929
Avaya Holdings Corp. (B)	3,106	6,957
Aware, Inc. (B)	2,160	5,141
Cerence, Inc. (B)	12,745	321,556
ChannelAdvisor Corp. (B)	1,546	22,541
Cognyte Software, Ltd. (B)	402	1,709
Consensus Cloud Solutions, Inc. (B)	218	9,522
Ebix, Inc.	2,093	35,372
InterDigital, Inc.	1,490	90,592
LiveRamp Holdings, Inc. (B)	848	21,887
N-able, Inc. (B)	430	3,870
OneSpan, Inc. (B)	1,048	12,471
Paycor HCM, Inc. (B)	27,569	716,796
Paylocity Holding Corp. (B)	5,563	970,298
Rapid7, Inc. (B)	13,138	877,618
The Descartes Systems Group, Inc. (B)	9,868	612,408
Upland Software, Inc. (B)	1,064	15,449
Verint Systems, Inc. (B)	1,067	45,187
Xperi Holding Corp.	4,859	70,115
		3,951,573
<b>Technology hardware, storage and peripherals – 0.3%</b>		
3D Systems Corp. (B)	626	6,072
AstroNova, Inc. (B)	1,439	17,239
Stratasys, Ltd. (B)	4,109	77,003
Super Micro Computer, Inc. (B)	3,994	161,158
Xerox Holdings Corp.	10,478	155,598
		417,070
		17,006,049
<b>Materials – 7.1%</b>		
<b>Chemicals – 3.5%</b>		
AdvanSix, Inc.	1,392	46,548
American Vanguard Corp.	2,118	47,337
Ashland Global Holdings, Inc.	2,740	282,357
Avient Corp.	17,585	704,807
Balchem Corp.	4,882	633,391
Cabot Corp.	1,625	103,659
Core Molding Technologies, Inc. (B)	1,000	9,190
Ecovyst, Inc.	5,263	51,841
Element Solutions, Inc.	7,601	135,298
Flotek Industries, Inc. (B)	1,771	1,757
FutureFuel Corp.	4,276	31,129
GCP Applied Technologies, Inc. (B)	599	18,737
Hawkins, Inc.	1,460	52,604
HB Fuller Company	3,615	217,659
Huntsman Corp.	15,185	430,495
Innospec, Inc.	1,794	171,847

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
Intrepid Potash, Inc. (B)	818	\$ 37,047
Koppers Holdings, Inc.	1,200	27,168
Kronos Worldwide, Inc.	2,697	49,625
Minerals Technologies, Inc.	2,317	142,125
Olin Corp.	3,134	145,042
Quaker Chemical Corp.	2,077	310,553
Rayonier Advanced Materials, Inc. (B)	4,555	11,934
Schweitzer-Mauduit International, Inc.	1,971	49,512
Stepan Company	1,433	145,235
The Mosaic Company	8,814	416,285
Tredegar Corp.	1,654	16,540
Trinseo PLC	1,285	49,421
Tronox Holdings PLC, Class A	9,489	159,415
Venator Materials PLC (B)	2,700	5,616
Westlake Corp.	4,606	451,480
		4,955,654
<b>Construction materials – 0.2%</b>		
Summit Materials, Inc., Class A (B)	4,565	106,319
United States Lime & Minerals, Inc.	686	72,442
		178,761
<b>Containers and packaging – 0.8%</b>		
Berry Global Group, Inc. (B)	5,783	315,983
Graphic Packaging Holding Company	7,736	158,588
Greif, Inc., Class A	1,410	87,956
Greif, Inc., Class B	698	43,478
Pactiv Evergreen, Inc.	3,705	36,902
Ranpak Holdings Corp. (B)	1,842	12,894
Silgan Holdings, Inc.	1,982	81,956
Sonoco Products Company	3,466	197,701
TriMas Corp.	1,856	51,393
Westrock Company	3,785	150,794
		1,137,645
<b>Metals and mining – 2.4%</b>		
Alcoa Corp.	11,256	513,048
Allegheny Technologies, Inc. (B)	1,085	24,640
Ampco-Pittsburgh Corp. (B)	1,644	6,362
Arconic Corp. (B)	6,202	173,966
Carpenter Technology Corp.	3,575	99,778
Century Aluminum Company (B)	2,804	20,665
Cleveland-Cliffs, Inc. (B)	2,139	32,876
Coeur Mining, Inc. (B)	10,562	32,108
Commercial Metals Company	5,907	195,522
Ferroglobe PLC (A)(B)	5,300	0
Friedman Industries, Inc.	1,511	12,300
Gold Resource Corp.	6,900	11,247
Haynes International, Inc.	868	28,444
Hecla Mining Company	32,027	125,546
Materion Corp.	1,721	126,889
Nexa Resources SA	900	5,409
Olympic Steel, Inc.	1,438	37,029
Reliance Steel & Aluminum Company	3,854	654,640
Ryerson Holding Corp.	1,477	31,445
Schnitzer Steel Industries, Inc., Class A	3,077	101,049
Steel Dynamics, Inc.	9,307	615,658
SunCoke Energy, Inc.	6,433	43,809
Synalloy Corp. (B)	2,209	31,059
TimkenSteel Corp. (B)	3,682	68,890
U.S. Steel Corp.	8,605	154,116
Universal Stainless & Alloy Products, Inc. (B)	1,562	11,559
Warrior Met Coal, Inc.	3,785	115,859

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Metals and mining (continued)</b>		
Worthington Industries, Inc.	2,639	\$ 116,380
		3,390,293
<b>Paper and forest products – 0.2%</b>		
Clearwater Paper Corp. (B)	1,597	53,707
Glatfelter Corp.	4,610	31,717
Mercer International, Inc.	7,458	98,073
Neenah, Inc.	193	6,589
Resolute Forest Products, Inc. (B)	7,541	96,223
		286,309
		9,948,662
<b>Real estate – 1.4%</b>		
<b>Equity real estate investment trusts – 0.7%</b>		
Ryman Hospitality Properties, Inc. (B)	6,619	503,243
STAG Industrial, Inc.	18,152	560,534
		1,063,777
<b>Real estate management and development – 0.7%</b>		
Anywhere Real Estate, Inc. (B)	9,125	89,699
Cushman & Wakefield PLC (B)	4,365	66,523
Five Point Holdings LLC, Class A (B)	2,659	10,397
Forestar Group, Inc. (B)	2,613	35,772
FRP Holdings, Inc. (B)	931	56,186
Jones Lang LaSalle, Inc. (B)	1,775	310,377
Kennedy-Wilson Holdings, Inc.	3,543	67,104
Marcus & Millichap, Inc.	1,738	64,289
Rafael Holdings, Inc., Class B (B)	500	935
RE/MAX Holdings, Inc., Class A	2,193	53,772
Stratus Properties, Inc. (B)	1,025	33,031
Tejon Ranch Company (B)	2,396	37,186
The Howard Hughes Corp. (B)	1,787	121,605
		946,876
		2,010,653
<b>Utilities – 0.7%</b>		
<b>Electric utilities – 0.1%</b>		
NRG Energy, Inc.	2,766	105,578
<b>Gas utilities – 0.1%</b>		
Macquarie Infrastructure Holdings LLC	4,124	16,125
New Jersey Resources Corp.	4,232	188,451
		204,576
<b>Independent power and renewable electricity producers – 0.5%</b>		
Ormat Technologies, Inc.	2,212	173,310
Vistra Corp.	20,677	472,469
		645,779
		955,933
<b>TOTAL COMMON STOCKS (Cost \$129,437,291)</b>		<b>\$ 139,957,584</b>
<b>PREFERRED SECURITIES – 0.0%</b>		
<b>Industrials – 0.0%</b>		
<b>Trading companies and distributors – 0.0%</b>		
WESCO International, Inc. (10.625% to 6-22-25, then 5 Year CMT + 10.325%)	1,507	41,322
<b>TOTAL PREFERRED SECURITIES (Cost \$37,663)</b>		<b>\$ 41,322</b>
<b>SHORT-TERM INVESTMENTS – 0.5%</b>		
<b>Short-term funds – 0.5%</b>		
John Hancock Collateral Trust, 1.4215% (D)(E)	45,897	458,801

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Opportunities Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>Short-term funds (continued)</b>		
State Street Institutional Treasury Money Market Fund, Premier Class, 0.6671% (D)	567	\$ 567
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (D)	256,920	256,920
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$716,356)</b>		<b>\$ 716,288</b>
<b>Total Investments (Small Cap Opportunities Trust) (Cost \$130,191,310) – 99.8%</b>		<b>\$ 140,715,194</b>
<b>Other assets and liabilities, net – 0.2%</b>		<b>327,573</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 141,042,767</b>

### Security Abbreviations and Legend

CMT	Constant Maturity Treasury
(A)	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.
(B)	Non-income producing security.
(C)	All or a portion of this security is on loan as of 6-30-22.
(D)	The rate shown is the annualized seven-day yield as of 6-30-22.
(E)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## Small Cap Stock Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 96.8%</b>		
<b>Communication services – 3.6%</b>		
<b>Interactive media and services – 2.8%</b>		
Bumble, Inc., Class A (A)(B)	21,953	\$ 617,977
CarGurus, Inc. (A)	163,486	3,513,314
Ziff Davis, Inc. (A)	39,625	2,953,251
		7,084,542
<b>Media – 0.8%</b>		
Criteo SA, ADR (A)	82,748	2,019,051
		9,103,593
<b>Consumer discretionary – 10.5%</b>		
<b>Diversified consumer services – 1.8%</b>		
H&R Block, Inc.	62,743	2,216,083
Mister Car Wash, Inc. (A)(B)	202,019	2,197,967
		4,414,050
<b>Hotels, restaurants and leisure – 3.7%</b>		
Boyd Gaming Corp.	55,432	2,757,742
Texas Roadhouse, Inc.	48,914	3,580,505
Wingstop, Inc.	40,347	3,016,745
		9,354,992
<b>Household durables – 0.8%</b>		
Skyline Champion Corp. (A)	43,908	2,082,117
<b>Internet and direct marketing retail – 0.8%</b>		
Revolve Group, Inc. (A)	76,770	1,989,111
<b>Specialty retail – 1.7%</b>		
Five Below, Inc. (A)	17,952	2,036,295
National Vision Holdings, Inc. (A)(B)	83,326	2,291,465
		4,327,760
<b>Textiles, apparel and luxury goods – 1.7%</b>		
Crocs, Inc. (A)	28,629	1,393,373

## Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Textiles, apparel and luxury goods (continued)</b>		
Steven Madden, Ltd.	85,069	\$ 2,740,072
		4,133,445
		26,301,475
<b>Consumer staples – 3.0%</b>		
<b>Beverages – 0.4%</b>		
Celsius Holdings, Inc. (A)	15,370	1,003,046
<b>Food products – 0.6%</b>		
Freshpet, Inc. (A)	26,666	1,383,699
<b>Personal products – 2.0%</b>		
elf Beauty, Inc. (A)	164,262	5,039,558
		7,426,303
<b>Energy – 5.9%</b>		
<b>Energy equipment and services – 1.1%</b>		
Cactus, Inc., Class A	69,478	2,797,879
<b>Oil, gas and consumable fuels – 4.8%</b>		
Brigham Minerals, Inc., Class A	45,800	1,128,054
Chesapeake Energy Corp.	46,574	3,777,151
Magnolia Oil & Gas Corp., Class A	161,996	3,400,296
PDC Energy, Inc.	24,696	1,521,521
SM Energy Company	28,900	988,091
Viper Energy Partners LP	43,500	1,160,580
		11,975,693
		14,773,572
<b>Financials – 3.2%</b>		
<b>Banks – 1.9%</b>		
Ameris Bancorp	63,754	2,561,636
Synovus Financial Corp.	56,792	2,047,352
		4,608,988
<b>Mortgage real estate investment trusts – 1.3%</b>		
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	88,686	3,357,652
		7,966,640
<b>Health care – 23.8%</b>		
<b>Biotechnology – 8.6%</b>		
Alkermes PLC (A)	34,071	1,014,975
Amicus Therapeutics, Inc. (A)	107,934	1,159,211
Apellis Pharmaceuticals, Inc. (A)	35,029	1,584,011
Ascendis Pharma A/S, ADR (A)	10,645	989,559
Blueprint Medicines Corp. (A)	18,964	957,872
Celldex Therapeutics, Inc. (A)	28,983	781,382
Crinetics Pharmaceuticals, Inc. (A)	56,361	1,051,133
Cytokinetics, Inc. (A)	54,216	2,130,147
Fate Therapeutics, Inc. (A)	30,322	751,379
Halozyyme Therapeutics, Inc. (A)	30,622	1,347,368
Intellia Therapeutics, Inc. (A)	29,891	1,547,158
Karuna Therapeutics, Inc. (A)	5,226	661,141
Kymera Therapeutics, Inc. (A)	80,932	1,593,551
Myovant Sciences, Ltd. (A)(B)	87,769	1,090,969
PTC Therapeutics, Inc. (A)	43,982	1,761,919
REVOLUTION Medicines, Inc. (A)(B)	49,053	956,043
Rocket Pharmaceuticals, Inc. (A)	76,025	1,046,104
Turning Point Therapeutics, Inc. (A)	14,711	1,107,003
		21,530,925
<b>Health care equipment and supplies – 6.0%</b>		
Enovis Corp. (A)	47,748	2,626,140
Globus Medical, Inc., Class A (A)	48,911	2,745,864
Haemonetics Corp. (A)	35,311	2,301,571
Inari Medical, Inc. (A)(B)	31,778	2,160,586
Integra LifeSciences Holdings Corp. (A)	67,579	3,651,293

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Tandem Diabetes Care, Inc. (A)	24,153	\$ 1,429,616
		14,915,070
<b>Health care providers and services – 6.0%</b>		
Covetrus, Inc. (A)	57,100	1,184,825
HealthEquity, Inc. (A)	28,779	1,766,743
LHC Group, Inc. (A)	21,551	3,356,353
Owens & Minor, Inc.	121,016	3,805,953
R1 RCM, Inc. (A)	232,876	4,881,081
		14,994,955
<b>Health care technology – 1.2%</b>		
Inspire Medical Systems, Inc. (A)	16,630	3,037,802
<b>Pharmaceuticals – 2.0%</b>		
Aclaris Therapeutics, Inc. (A)	97,669	1,363,459
Intra-Cellular Therapies, Inc. (A)	35,891	2,048,658
Pacira BioSciences, Inc. (A)	25,501	1,486,708
		4,898,825
		59,377,577
<b>Industrials – 17.4%</b>		
<b>Aerospace and defense – 1.8%</b>		
Curtiss-Wright Corp.	33,622	4,440,121
<b>Building products – 1.2%</b>		
Zurn Water Solutions Corp.	112,118	3,054,094
<b>Commercial services and supplies – 0.4%</b>		
Aris Water Solution, Inc., Class A	63,706	1,062,616
<b>Construction and engineering – 2.4%</b>		
Fluor Corp. (A)	179,050	4,358,077
WillScot Mobile Mini Holdings Corp. (A)	48,000	1,556,160
		5,914,237
<b>Electrical equipment – 1.5%</b>		
Acuity Brands, Inc.	23,790	3,664,612
<b>Machinery – 4.7%</b>		
Chart Industries, Inc. (A)	15,391	2,576,146
Esab Corp.	62,871	2,750,606
Helios Technologies, Inc.	43,879	2,906,984
The Middleby Corp. (A)	28,525	3,575,894
		11,809,630
<b>Professional services – 1.6%</b>		
TriNet Group, Inc. (A)	52,985	4,112,696
<b>Trading companies and distributors – 3.8%</b>		
Applied Industrial Technologies, Inc.	66,243	6,370,592
WESCO International, Inc. (A)	29,820	3,193,722
		9,564,314
		43,622,320
<b>Information technology – 21.5%</b>		
<b>Communications equipment – 2.0%</b>		
Calix, Inc. (A)	146,577	5,004,139
<b>Electronic equipment, instruments and components – 2.7%</b>		
II-VI, Inc. (A)	89,453	4,557,630
Novanta, Inc. (A)	18,953	2,298,430
		6,856,060
<b>IT services – 5.1%</b>		
Concentrix Corp.	9,197	1,247,481
Perficient, Inc. (A)	46,621	4,274,679
Repay Holdings Corp. (A)	127,611	1,639,801
Verra Mobility Corp. (A)	356,606	5,602,280
		12,764,241
<b>Semiconductors and semiconductor equipment – 2.5%</b>		
MKS Instruments, Inc.	19,063	1,956,436

## Small Cap Stock Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
Synaptics, Inc. (A)	36,309	\$ 4,286,277
		6,242,713
<b>Software – 9.2%</b>		
Avalara, Inc. (A)	27,998	1,976,659
Five9, Inc. (A)	38,854	3,541,154
Jamf Holding Corp. (A)(B)	162,192	4,017,496
LiveRamp Holdings, Inc. (A)	57,272	1,478,190
Manhattan Associates, Inc. (A)	21,353	2,447,054
Olo, Inc., Class A (A)	62,290	614,802
Rapid7, Inc. (A)	60,825	4,063,110
RingCentral, Inc., Class A (A)	51,764	2,705,187
Varonis Systems, Inc. (A)	73,104	2,143,409
		22,987,061
		53,854,214
<b>Materials – 2.6%</b>		
<b>Chemicals – 2.6%</b>		
Cabot Corp.	79,685	5,083,106
Livent Corp. (A)	60,295	1,368,094
		6,451,200
<b>Real estate – 5.3%</b>		
<b>Equity real estate investment trusts – 5.3%</b>		
Essential Properties Realty Trust, Inc.	138,586	2,978,213
Independence Realty Trust, Inc.	164,180	3,403,451
Phillips Edison & Company, Inc.	100,654	3,362,850
Ryman Hospitality Properties, Inc. (A)	44,794	3,405,688
		13,150,202
<b>TOTAL COMMON STOCKS (Cost \$290,586,205)</b>		<b>\$ 242,027,096</b>
<b>EXCHANGE-TRADED FUNDS – 2.9%</b>		
iShares Russell 2000 Growth ETF (B)	34,762	7,171,748
<b>TOTAL EXCHANGE-TRADED FUNDS (Cost \$7,160,460)</b>		<b>\$ 7,171,748</b>
<b>SHORT-TERM INVESTMENTS – 4.3%</b>		
<b>Short-term funds – 4.0%</b>		
John Hancock Collateral Trust, 1.4215% (C)(D)	996,654	9,962,955
<b>Repurchase agreement – 0.3%</b>		
Societe Generale SA Tri-Party Repurchase Agreement dated 6-30-22 at 1.520% to be repurchased at \$800,034 on 7-1-22, collateralized by \$786,916 Federal National Mortgage Association, 4.500% due 2-1-57 (valued at \$816,000)		
	\$ 800,000	800,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$10,763,385)</b>		<b>\$ 10,762,955</b>
<b>Total Investments (Small Cap Stock Trust) (Cost \$308,510,050) – 104.0%</b>		<b>\$ 259,961,799</b>
<b>Other assets and liabilities, net – (4.0%)</b>		<b>(9,974,875)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 249,986,924</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(C)	The rate shown is the annualized seven-day yield as of 6-30-22.
(D)	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 — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 98.1%</b>		
<b>Communication services – 1.0%</b>		
<b>Media – 1.0%</b>		
WideOpenWest, Inc. (A)	257,123	\$ 4,682,210
<b>Consumer discretionary – 9.0%</b>		
<b>Auto components – 2.3%</b>		
Gentherm, Inc. (A)	42,181	2,632,516
Visteon Corp. (A)	72,214	7,479,926
		10,112,442
<b>Hotels, restaurants and leisure – 0.8%</b>		
Aramark	24,071	737,295
Wyndham Hotels & Resorts, Inc.	43,923	2,886,620
		3,623,915
<b>Household durables – 2.0%</b>		
Century Communities, Inc.	92,246	4,148,303
Tri Pointe Homes, Inc. (A)	283,297	4,779,220
		8,927,523
<b>Internet and direct marketing retail – 1.0%</b>		
Shutterstock, Inc.	76,769	4,399,631
<b>Specialty retail – 1.4%</b>		
Five Below, Inc. (A)	2,595	294,351
Monro, Inc.	140,238	6,013,405
		6,307,756
<b>Textiles, apparel and luxury goods – 1.5%</b>		
Deckers Outdoor Corp. (A)	1,991	508,402
Kontoor Brands, Inc.	179,308	5,983,508
		6,491,910
		39,863,177
<b>Consumer staples – 5.2%</b>		
<b>Beverages – 1.0%</b>		
C&C Group PLC (A)	1,865,507	4,200,589
<b>Food and staples retailing – 1.0%</b>		
United Natural Foods, Inc. (A)	111,274	4,384,196
<b>Food products – 1.2%</b>		
Cranswick PLC	133,461	4,997,850
Post Holdings, Inc. (A)	4,583	377,410
		5,375,260
<b>Household products – 2.0%</b>		
Spectrum Brands Holdings, Inc.	109,742	9,001,039
		22,961,084
<b>Energy – 1.6%</b>		
<b>Oil, gas and consumable fuels – 1.6%</b>		
Brigham Minerals, Inc., Class A	174,971	4,309,536
Dorian LPG, Ltd.	201,448	3,062,010
		7,371,546
<b>Financials – 24.7%</b>		
<b>Banks – 16.8%</b>		
1st Source Corp.	114,227	5,185,906
Atlantic Union Bankshares Corp.	163,104	5,532,488
Banc of California, Inc.	478,756	8,435,681
Cadence Bank	227,937	5,351,961
Eastern Bankshares, Inc.	287,546	5,308,099
First Busey Corp.	237,275	5,421,734
First Citizens BancShares, Inc., Class A	1,006	657,703
First Interstate BancSystem, Inc., Class A	199,959	7,620,437
Flushing Financial Corp.	298,165	6,338,988
Hancock Whitney Corp.	134,512	5,962,917
International Bancshares Corp.	191,665	7,681,933
National Bank Holdings Corp., Class A	114,689	4,389,148
Synovus Financial Corp.	175,373	6,322,197

## Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Webster Financial Corp.	10,224	\$ 430,942
		74,640,134
<b>Insurance – 6.8%</b>		
Assured Guaranty, Ltd.	101,394	5,656,771
Kemper Corp.	147,851	7,082,063
ProAssurance Corp.	224,445	5,303,635
Reinsurance Group of America, Inc.	5,708	669,491
SiriusPoint, Ltd. (A)	550,562	2,984,046
White Mountains Insurance Group, Ltd.	6,971	8,686,772
		30,382,778
<b>Thriffs and mortgage finance – 1.1%</b>		
NMI Holdings, Inc., Class A (A)	283,463	4,719,659
		109,742,571
<b>Health care – 4.5%</b>		
<b>Health care equipment and supplies – 3.0%</b>		
Haemonetics Corp. (A)	125,880	8,204,858
ICU Medical, Inc. (A)	30,462	5,007,648
		13,212,506
<b>Health care providers and services – 1.4%</b>		
Owens & Minor, Inc.	195,685	6,154,293
<b>Life sciences tools and services – 0.1%</b>		
Syneos Health, Inc. (A)	9,188	658,596
		20,025,395
<b>Industrials – 22.5%</b>		
<b>Aerospace and defense – 1.2%</b>		
Hexcel Corp.	100,408	5,252,342
<b>Building products – 2.6%</b>		
American Woodmark Corp. (A)	92,080	4,144,521
The AZEK Company, Inc. (A)	112,309	1,880,053
Tyman PLC	1,879,027	5,449,768
		11,474,342
<b>Commercial services and supplies – 5.1%</b>		
ACCO Brands Corp.	722,541	4,718,193
BrightView Holdings, Inc. (A)	343,115	4,117,380
Clean Harbors, Inc. (A)	5,708	500,420
SP Plus Corp. (A)	224,132	6,885,335
UniFirst Corp.	37,353	6,431,440
		22,652,768
<b>Construction and engineering – 0.9%</b>		
Primoris Services Corp.	192,327	4,185,036
<b>Electrical equipment – 0.9%</b>		
Thermon Group Holdings, Inc. (A)	281,404	3,953,726
<b>Machinery – 2.2%</b>		
John Bean Technologies Corp.	45,866	5,064,524
Luxfer Holdings PLC	319,055	4,824,112
		9,888,636
<b>Professional services – 7.1%</b>		
CBIZ, Inc. (A)	92,350	3,690,306
Huron Consulting Group, Inc. (A)	165,091	10,729,261
ICF International, Inc.	71,626	6,804,470
Science Applications International Corp.	73,011	6,797,324
Sterling Check Corp. (A)(B)	214,328	3,495,690
		31,517,051
<b>Trading companies and distributors – 2.5%</b>		
Air Lease Corp.	172,271	5,759,020
GATX Corp.	57,325	5,397,722
		11,156,742
		100,080,643

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Information technology – 9.3%</b>		
<b>Electronic equipment, instruments and components – 5.0%</b>		
Belden, Inc.	130,733	\$ 6,964,147
CTS Corp.	211,577	7,204,197
ePlus, Inc. (A)	83,025	4,410,288
National Instruments Corp.	108,300	3,382,209
		21,960,841
<b>IT services – 1.4%</b>		
Concentrix Corp.	3,658	496,171
WNS Holdings, Ltd., ADR (A)	78,962	5,893,724
		6,389,895
<b>Software – 2.9%</b>		
ACI Worldwide, Inc. (A)	212,946	5,513,172
Progress Software Corp.	159,872	7,242,202
		12,755,374
		41,106,110
<b>Materials – 8.2%</b>		
<b>Chemicals – 4.4%</b>		
Axalta Coating Systems, Ltd. (A)	178,053	3,936,752
Element Solutions, Inc.	454,043	8,081,965
HB Fuller Company	72,269	4,351,316
Orion Engineered Carbons SA	214,580	3,332,427
		19,702,460
<b>Containers and packaging – 2.4%</b>		
Sealed Air Corp.	16,190	934,487
TriMas Corp.	344,698	9,544,688
		10,479,175
<b>Paper and forest products – 1.4%</b>		
Neenah, Inc.	176,954	6,041,210
		36,222,845
<b>Real estate – 9.5%</b>		
<b>Equity real estate investment trusts – 9.5%</b>		
Alexander & Baldwin, Inc.	229,172	4,113,637
Brandywine Realty Trust	282,029	2,718,760
Centerspace	69,036	5,629,886
Global Medical REIT, Inc.	236,099	2,651,392
LXP Industrial Trust	260,233	2,794,902
Pebblebrook Hotel Trust	257,095	4,260,064
Phillips Edison & Company, Inc.	153,773	5,137,556
Piedmont Office Realty Trust, Inc., Class A	406,092	5,327,927
PotlatchDeltic Corp.	82,535	3,647,222
RPT Realty	583,799	5,738,744
		42,020,090
<b>Utilities – 2.6%</b>		
<b>Electric utilities – 0.8%</b>		
Portland General Electric Company	72,794	3,518,134
<b>Gas utilities – 1.8%</b>		
New Jersey Resources Corp.	91,412	4,070,576
Spire, Inc.	42,642	3,171,286
UGI Corp.	16,263	627,914
		7,869,776
		11,387,910
<b>TOTAL COMMON STOCKS (Cost \$424,130,133)</b>		<b>\$ 435,463,581</b>
<b>SHORT-TERM INVESTMENTS – 1.9%</b>		
<b>Short-term funds – 0.0%</b>		
John Hancock Collateral Trust, 1.4215% (C)(D)	14,414	144,085

## Small Cap Value Trust (continued)

	Shares or Principal Amount	Value
<b>SHORT-TERM INVESTMENTS (continued)</b>		
<b>Repurchase agreement – 1.9%</b>		
Bank of America Tri-Party Repurchase Agreement dated 6-30-22 at 1.550% to be repurchased at \$8,200,353 on 7-1-22, collateralized by \$9,667,285 Federal National Mortgage Association, 2.000% due 2-1-52 (valued at \$8,364,001)		
	\$ 8,200,000	\$ 8,200,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$8,344,112)</b>		<b>\$ 8,344,085</b>
<b>Total Investments (Small Cap Value Trust) (Cost \$432,474,245) – 100.0%</b>		<b>\$ 443,807,666</b>
<b>Other assets and liabilities, net – (0.0%)</b>		<b>(58,285)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 443,749,381</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(C)	The rate shown is the annualized seven-day yield as of 6-30-22.
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## Small Company Value Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.3%</b>		
<b>Communication services – 2.2%</b>		
<b>Media – 2.2%</b>		
Advantage Solutions, Inc. (A)	76,996	\$ 292,585
Boston Omaha Corp., Class A (A)	26,621	549,724
Cable One, Inc.	1,067	1,375,704
Integral Ad Science Holding Corp. (A)	16,353	162,385
Scholastic Corp.	13,853	498,292
		2,878,690
<b>Consumer discretionary – 8.2%</b>		
<b>Auto components – 1.8%</b>		
Dorman Products, Inc. (A)	8,483	930,670
LCI Industries	6,345	709,879
Visteon Corp. (A)	6,711	695,125
		2,335,674
<b>Distributors – 0.2%</b>		
Pool Corp.	882	309,785
<b>Diversified consumer services – 1.0%</b>		
Strategic Education, Inc.	19,007	1,341,514
<b>Hotels, restaurants and leisure – 1.5%</b>		
BJ's Restaurants, Inc. (A)	18,336	397,524
Marriott Vacations Worldwide Corp.	6,317	734,035
Papa John's International, Inc.	10,200	851,904
		1,983,463
<b>Household durables – 1.2%</b>		
Cavco Industries, Inc. (A)	4,917	963,683
Meritage Homes Corp. (A)	8,414	610,015
		1,573,698
<b>Internet and direct marketing retail – 0.3%</b>		
Farfetch, Ltd., Class A (A)	43,700	312,892
Rent the Runway, Inc., Class A (A)(B)	4,977	15,279

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Internet and direct marketing retail (continued)</b>		
Xometry, Inc., Class A (A)(B)	1,588	\$ 53,881
		382,052
<b>Multiline retail – 0.2%</b>		
Ollie's Bargain Outlet Holdings, Inc. (A)	3,200	188,000
<b>Specialty retail – 1.3%</b>		
Floor & Decor Holdings, Inc., Class A (A)	1,100	69,256
Hibbett, Inc.	6,883	300,856
LL Flooring Holdings, Inc. (A)	36,750	344,348
Monro, Inc.	12,786	548,264
Petco Health & Wellness Company, Inc. (A)(B)	25,990	383,093
Warby Parker, Inc., Class A (A)(B)	9,907	111,553
		1,757,370
<b>Textiles, apparel and luxury goods – 0.7%</b>		
Steven Madden, Ltd.	28,069	904,102
		10,775,658
<b>Consumer staples – 3.4%</b>		
<b>Beverages – 0.9%</b>		
Coca-Cola Consolidated, Inc.	2,119	1,194,904
<b>Food and staples retailing – 0.4%</b>		
Grocery Outlet Holding Corp. (A)	12,612	537,650
<b>Food products – 2.0%</b>		
Nomad Foods, Ltd. (A)	63,961	1,278,580
Post Holdings, Inc. (A)	8,146	670,823
The Simply Good Foods Company (A)	17,614	665,281
		2,614,684
<b>Personal products – 0.1%</b>		
BellRing Brands, Inc. (A)	6,878	171,193
		4,518,431
<b>Energy – 5.9%</b>		
<b>Energy equipment and services – 2.5%</b>		
Cactus, Inc., Class A	31,778	1,279,700
ChampionX Corp.	63,273	1,255,969
Liberty Energy, Inc. (A)	59,860	763,814
		3,299,483
<b>Oil, gas and consumable fuels – 3.4%</b>		
International Seaways, Inc.	17,109	362,711
Magnolia Oil & Gas Corp., Class A	76,333	1,602,230
Matador Resources Company	49,556	2,308,813
REX American Resources Corp. (A)	3,315	281,112
		4,554,866
		7,854,349
<b>Financials – 25.9%</b>		
<b>Banks – 15.2%</b>		
BankUnited, Inc.	40,508	1,440,870
Columbia Banking System, Inc.	29,210	836,867
CrossFirst Bankshares, Inc. (A)	39,223	517,744
Eastern Bankshares, Inc.	32,735	604,288
FB Financial Corp.	29,098	1,141,224
Glacier Bancorp, Inc.	20,580	975,904
HarborOne Bancorp, Inc.	58,519	806,977
Home BancShares, Inc.	72,929	1,514,735
Independent Bank Corp. (Massachusetts)	15,482	1,229,735
Live Oak Bancshares, Inc.	31,183	1,056,792
National Bank Holdings Corp., Class A	26,831	1,026,822
Origin Bancorp, Inc.	22,011	854,027
Pinnacle Financial Partners, Inc.	23,481	1,697,911
Popular, Inc.	15,697	1,207,570
Southern First Bancshares, Inc. (A)	16,374	713,743
Texas Capital Bancshares, Inc. (A)	9,900	521,136
Towne Bank	39,928	1,084,045

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Veritex Holdings, Inc.	7,656	\$ 224,015
Webster Financial Corp.	18,030	759,965
Western Alliance Bancorp	26,731	1,887,209
		20,101,579
<b>Capital markets – 2.2%</b>		
Hercules Capital, Inc. (B)	29,009	391,331
Houlihan Lokey, Inc.	14,563	1,149,458
StepStone Group, Inc., Class A	19,735	513,702
Virtus Investment Partners, Inc.	4,964	848,943
		2,903,434
<b>Consumer finance – 0.9%</b>		
Green Dot Corp., Class A (A)	17,149	430,611
NerdWallet, Inc., Class A (A)(B)	17,010	134,889
PRA Group, Inc. (A)	8,424	306,297
PROG Holdings, Inc. (A)	14,094	232,551
		1,104,348
<b>Insurance – 2.9%</b>		
BRP Group, Inc., Class A (A)	47,382	1,144,275
James River Group Holdings, Ltd.	31,261	774,648
Palomar Holdings, Inc. (A)	9,468	609,739
ProAssurance Corp.	29,206	690,138
Ryan Specialty Holdings, Inc. (A)	16,439	644,244
		3,863,044
<b>Mortgage real estate investment trusts – 1.4%</b>		
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	29,954	1,134,058
PennyMac Mortgage Investment Trust	46,825	647,590
		1,781,648
<b>Thriffs and mortgage finance – 3.3%</b>		
PCSB Financial Corp.	18,732	357,594
PennyMac Financial Services, Inc.	19,107	835,167
Radian Group, Inc.	50,476	991,853
Walker & Dunlop, Inc.	7,988	769,564
WSFS Financial Corp.	36,108	1,447,570
		4,401,748
		34,155,801
<b>Health care – 10.7%</b>		
<b>Biotechnology – 4.1%</b>		
Apellis Pharmaceuticals, Inc. (A)	12,648	571,943
Ascendis Pharma A/S, ADR (A)	2,900	269,584
Blueprint Medicines Corp. (A)	8,419	425,244
CRISPR Therapeutics AG (A)(B)	5,300	322,081
Fate Therapeutics, Inc. (A)	11,300	280,014
Insmed, Inc. (A)	25,502	502,899
Ionis Pharmaceuticals, Inc. (A)	12,500	462,750
Karuna Therapeutics, Inc. (A)	3,398	429,881
Kymera Therapeutics, Inc. (A)	13,725	270,245
Nkarta, Inc. (A)(B)	27,415	337,753
Prothena Corp. PLC (A)	10,500	285,075
Replimune Group, Inc. (A)	6,191	108,219
Ultragenyx Pharmaceutical, Inc. (A)	5,747	342,866
Xencor, Inc. (A)	19,106	522,931
Zentalis Pharmaceuticals, Inc. (A)(B)	12,378	347,822
		5,479,307
<b>Health care equipment and supplies – 1.9%</b>		
Atrion Corp.	1,794	1,128,175
Embeckta Corp. (A)	16,658	421,781
Figs, Inc., Class A (A)	42,533	387,476

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
QuidelOrtho Corp. (A)	6,207	\$ 603,196
		2,540,628
<b>Health care providers and services – 3.7%</b>		
Agiliti, Inc. (A)	34,029	697,935
Molina Healthcare, Inc. (A)	1,061	296,666
Option Care Health, Inc. (A)	52,009	1,445,330
Select Medical Holdings Corp.	60,695	1,433,616
The Ensign Group, Inc.	10,173	747,410
The Pennant Group, Inc. (A)	19,743	252,908
		4,873,865
<b>Health care technology – 0.6%</b>		
MultiPlan Corp. (A)	57,100	313,479
Phreesia, Inc. (A)	21,100	527,711
		841,190
<b>Life sciences tools and services – 0.1%</b>		
Pacific Biosciences of California, Inc. (A)(B)	28,520	126,058
<b>Pharmaceuticals – 0.3%</b>		
Arvinas, Inc. (A)	7,796	328,134
		14,189,182
<b>Industrials – 14.2%</b>		
<b>Aerospace and defense – 1.2%</b>		
Parsons Corp. (A)	14,204	574,126
Triumph Group, Inc. (A)	81,156	1,078,563
		1,652,689
<b>Airlines – 0.4%</b>		
Allegiant Travel Company (A)	4,372	494,429
<b>Building products – 1.9%</b>		
JELD-WEN Holding, Inc. (A)	22,149	323,154
UFP Industries, Inc.	26,401	1,798,964
Zurn Water Solutions Corp.	16,800	457,632
		2,579,750
<b>Commercial services and supplies – 1.9%</b>		
ABM Industries, Inc.	8,397	364,598
Aris Water Solution, Inc., Class A	24,605	410,411
Brady Corp., Class A	18,331	865,956
MSA Safety, Inc.	4,300	520,601
Stericycle, Inc. (A)	7,629	334,532
		2,496,098
<b>Construction and engineering – 0.4%</b>		
Valmont Industries, Inc.	2,400	539,112
<b>Electrical equipment – 1.1%</b>		
Regal Rexnord Corp.	7,400	840,048
Shoals Technologies Group, Inc., Class A (A)	36,525	601,932
		1,441,980
<b>Machinery – 3.8%</b>		
Alamo Group, Inc.	3,838	446,858
Blue Bird Corp. (A)	19,241	177,210
CIRCOR International, Inc. (A)	24,576	402,801
Enerpac Tool Group Corp.	18,045	343,216
ESCO Technologies, Inc.	11,806	807,176
Helios Technologies, Inc.	17,440	1,155,400
RBC Bearings, Inc. (A)	2,900	536,355
SPX Corp. (A)	15,395	813,472

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
The Timken Company	5,710	\$ 302,916
		4,985,404
<b>Professional services – 0.4%</b>		
FTI Consulting, Inc. (A)	2,635	476,540
<b>Road and rail – 0.8%</b>		
Landstar System, Inc.	7,256	1,055,168
<b>Trading companies and distributors – 2.3%</b>		
Beacon Roofing Supply, Inc. (A)	25,368	1,302,900
Herc Holdings, Inc.	2,300	207,345
McGrath RentCorp	9,558	726,408
Univar Solutions, Inc. (A)	33,145	824,316
		3,060,969
		18,782,139
<b>Information technology – 6.9%</b>		
<b>Communications equipment – 1.1%</b>		
Harmonic, Inc. (A)	160,699	1,393,260
<b>Electronic equipment, instruments and components – 3.1%</b>		
Belden, Inc.	30,979	1,650,251
Knowles Corp. (A)	13,600	235,688
Littelfuse, Inc.	7,778	1,975,923
PAR Technology Corp. (A)(B)	7,645	286,611
		4,148,473
<b>IT services – 0.5%</b>		
Conduent, Inc. (A)	59,700	257,904
Payoneer Global, Inc. (A)	105,196	412,368
		670,272
<b>Semiconductors and semiconductor equipment – 1.0%</b>		
Entegris, Inc.	4,978	458,623
MaxLinear, Inc. (A)	13,676	464,710
Onto Innovation, Inc. (A)	6,289	438,595
		1,361,928
<b>Software – 1.2%</b>		
Clearwater Analytics Holdings, Inc., Class A (A)	10,295	123,952
nCino, Inc. (A)(B)	13,329	412,133
Paycor HCM, Inc. (A)(B)	27,400	712,400
Workiva, Inc. (A)	4,710	310,813
		1,559,298
		9,133,231
<b>Materials – 4.6%</b>		
<b>Chemicals – 1.7%</b>		
Element Solutions, Inc.	48,400	861,520
Orion Engineered Carbons SA	37,018	574,890
Quaker Chemical Corp.	5,243	783,933
		2,220,343
<b>Containers and packaging – 0.7%</b>		
Myers Industries, Inc.	37,242	846,511
<b>Metals and mining – 1.7%</b>		
Carpenter Technology Corp.	21,743	606,847
Constellium SE (A)	62,496	825,572
Reliance Steel & Aluminum Company	4,897	831,804
		2,264,223
<b>Paper and forest products – 0.5%</b>		
Clearwater Paper Corp. (A)	20,817	700,076
		6,031,153
<b>Real estate – 9.6%</b>		
<b>Equity real estate investment trusts – 7.7%</b>		
American Campus Communities, Inc.	9,560	616,333
Apple Hospitality REIT, Inc.	81,661	1,197,967



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Small Company Value Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
EastGroup Properties, Inc.	7,758	\$ 1,197,292
Essential Properties Realty Trust, Inc.	29,051	624,306
JBG SMITH Properties	40,663	961,273
NexPoint Residential Trust, Inc.	3,300	206,283
PotlatchDeltic Corp.	22,139	978,322
PS Business Parks, Inc.	2,787	521,587
Safehold, Inc.	15,377	543,884
Saul Centers, Inc.	23,929	1,127,295
Terreno Realty Corp.	24,357	1,357,416
Washington Real Estate Investment Trust	38,359	817,430
		10,149,388
<b>Real estate management and development – 1.9%</b>		
eXp World Holdings, Inc. (B)	9,400	110,638
FirstService Corp.	3,800	460,560
Opendoor Technologies, Inc. (A)	61,500	289,665
The St. Joe Company	30,087	1,190,242
Tricon Residential, Inc.	46,088	467,332
		2,518,437
		12,667,825
<b>Utilities – 5.7%</b>		
<b>Electric utilities – 2.7%</b>		
IDACORP, Inc.	18,221	1,929,968
MGE Energy, Inc.	20,536	1,598,317
		3,528,285
<b>Gas utilities – 1.4%</b>		
Chesapeake Utilities Corp.	14,310	1,853,861
<b>Multi-utilities – 0.9%</b>		
NorthWestern Corp.	19,580	1,153,849
<b>Water utilities – 0.7%</b>		
California Water Service Group	17,721	984,402
		7,520,397
<b>TOTAL COMMON STOCKS (Cost \$113,419,293)</b>		<b>\$ 128,506,856</b>
<b>WARRANTS – 0.0%</b>		
Advantage Solutions, Inc. (Expiration Date: 10-28-25; Strike Price: \$11.50) (A)	4,703	1,081
<b>TOTAL WARRANTS (Cost \$6,099)</b>		<b>\$ 1,081</b>
<b>SHORT-TERM INVESTMENTS – 4.6%</b>		
<b>Short-term funds – 4.6%</b>		
John Hancock Collateral Trust, 1.4215% (C)(D)	314,907	3,147,934
State Street Institutional U.S. Government Money Market Fund, Premier Class, 0.7415% (C)	1,250,207	1,250,207
T. Rowe Price Government Reserve Fund, 0.6654% (C)	1,744,246	1,744,246
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$6,142,508)</b>		<b>\$ 6,142,387</b>
<b>Total Investments (Small Company Value Trust) (Cost \$119,567,900) – 101.9%</b>		<b>\$ 134,650,324</b>
<b>Other assets and liabilities, net – (1.9%)</b>		<b>(2,532,914)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 132,117,410</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(C)	The rate shown is the annualized seven-day yield as of 6-30-22.
(D)	Investment is an affiliate of the fund, the advisor and/or subadvisor. This security represents the investment of cash collateral received for securities lending.

## Strategic Equity Allocation Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 95.4%</b>		
<b>Communication services – 6.4%</b>		
<b>Diversified telecommunication services – 1.3%</b>		
Anterix, Inc. (A)	2,133	\$ 87,602
AT&T, Inc.	807,984	16,935,345
ATN International, Inc.	1,863	87,393
Bandwidth, Inc., Class A (A)	4,063	76,466
BT Group PLC	1,134,241	2,577,855
Cellnex Telecom SA (A)(B)	88,712	3,452,508
Charge Enterprises, Inc. (A)	18,710	89,247
Cogent Communications Holdings, Inc. Consolidated Communications Holdings, Inc. (A)	7,178	436,135
Deutsche Telekom AG	12,934	90,538
EchoStar Corp., Class A (A)	529,078	10,522,962
Elisa OYJ	6,016	116,109
Globalstar, Inc. (A)(C)	23,218	1,307,110
HKT Trust & HKT, Ltd.	118,591	145,867
IDT Corp., Class B (A)	618,421	830,566
Infrastrutture Wireless Italiane SpA (B)	2,642	66,446
Iridium Communications, Inc. (A)	54,858	557,702
Koninklijke KPN NV	53,679	2,016,183
Liberty Latin America, Ltd., Class A (A)	539,223	1,918,625
Liberty Latin America, Ltd., Class C (A)	11,656	90,917
Lumen Technologies, Inc.	21,721	169,207
Nippon Telegraph & Telephone Corp.	107,461	1,172,400
Ooma, Inc. (A)	195,116	5,606,296
Orange SA	4,204	49,775
Proximus SADP	325,662	3,837,462
Radius Global Infrastructure, Inc., Class A (A)	24,831	366,502
Singapore Telecommunications, Ltd.	12,742	194,443
Singapore Telecommunications, Ltd.	1,089,004	1,982,058
Spark New Zealand, Ltd.	258,829	471,554
Swisscom AG	305,156	913,254
Telecom Italia SpA (A)	4,228	2,338,594
Telefonica Deutschland Holding AG	1,626,522	426,486
Telefonica SA	169,948	490,081
Telenor ASA	849,012	4,334,658
Telia Company AB	114,220	1,526,347
Telstra Corp., Ltd.	433,925	1,665,449
United Internet AG	671,212	1,785,273
Verizon Communications, Inc.	15,834	453,868
	474,722	24,092,142
		93,281,425
<b>Entertainment – 1.0%</b>		
Activision Blizzard, Inc.	88,318	6,876,439
Bollre SE	144,339	672,871
Capcom Company, Ltd.	28,700	698,154
Cinemark Holdings, Inc. (A)	18,575	278,997
Electronic Arts, Inc.	31,744	3,861,658
IMAX Corp. (A)	8,406	141,977
Koei Tecmo Holdings Company, Ltd.	9,600	311,286
Konami Holdings Corp.	15,209	842,601
Liberty Media Corp.-Liberty Braves, Class A (A)	2,859	71,904
Liberty Media Corp.-Liberty Braves, Class C (A)	5,416	129,984
Lions Gate Entertainment Corp., Class A (A)(C)	10,191	94,878
Lions Gate Entertainment Corp., Class B (A)	19,959	176,238
Live Nation Entertainment, Inc. (A)	15,753	1,300,883
Madison Square Garden Entertainment Corp. (A)	4,372	230,055
Netflix, Inc. (A)	50,188	8,776,376
Nexon Company, Ltd. (C)	80,706	1,657,278
Nintendo Company, Ltd.	18,039	7,757,786

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Entertainment (continued)</b>		
Playstudios, Inc. (A)	13,982	\$ 59,843
Sea, Ltd., ADR (A)	58,500	3,911,310
Skillz, Inc. (A)(C)	53,471	66,304
Square Enix Holdings Company, Ltd.	14,000	621,414
Take-Two Interactive Software, Inc. (A)	17,821	2,183,607
The Marcus Corp. (A)	4,509	66,598
The Walt Disney Company (A)	205,664	19,414,682
Toho Company, Ltd.	18,308	663,210
Ubisoft Entertainment SA (A)	15,325	675,883
Universal Music Group NV	118,403	2,372,324
Warner Bros Discovery, Inc. (A)	249,352	3,346,304
World Wrestling Entertainment, Inc., Class A	10,865	678,954
		67,939,798
<b>Interactive media and services – 2.8%</b>		
Adevinta ASA (A)	47,570	350,207
Alphabet, Inc., Class A (A)	33,990	74,073,047
Alphabet, Inc., Class C (A)	31,169	68,180,629
Auto Trader Group PLC (B)	154,276	1,044,842
Bumble, Inc., Class A (A)	14,633	411,919
CarGurus, Inc. (A)	17,286	371,476
Cars.com, Inc. (A)	11,989	113,056
DHI Group, Inc. (A)	8,223	40,868
Eventbrite, Inc., Class A (A)	13,308	136,673
EverQuote, Inc., Class A (A)	3,584	31,683
FuboTV, Inc. (A)(C)	31,063	76,726
Kakaku.com, Inc.	21,800	362,078
Match Group, Inc. (A)	31,607	2,202,692
MediaAlpha, Inc., Class A (A)	4,476	44,089
Meta Platforms, Inc., Class A (A)	259,135	41,785,519
Outbrain, Inc. (A)(C)	7,598	38,218
QuinStreet, Inc. (A)	9,042	90,963
REA Group, Ltd.	8,626	666,105
Scout24 SE (B)	13,092	674,439
SEEK, Ltd.	54,884	796,142
TripAdvisor, Inc. (A)	25,170	448,026
TrueCar, Inc. (A)	17,502	45,330
Twitter, Inc. (A)	86,158	3,221,448
Vimeo, Inc. (A)	24,626	148,249
Yelp, Inc. (A)	11,587	321,771
Z Holdings Corp.	433,954	1,261,970
Ziff Davis, Inc. (A)	19,560	1,457,807
ZipRecruiter, Inc., Class A (A)	13,614	201,759
		198,597,731
<b>Media – 0.7%</b>		
Advantage Solutions, Inc. (A)	14,670	55,746
AMC Networks, Inc., Class A (A)	5,242	152,647
Boston Omaha Corp., Class A (A)	3,666	75,703
Cable One, Inc.	1,235	1,592,310
Cardlytics, Inc. (A)	5,730	127,836
Charter Communications, Inc., Class A (A)	12,541	5,875,835
Clear Channel Outdoor Holdings, Inc. (A)	64,959	69,506
Comcast Corp., Class A	504,403	19,792,774
CyberAgent, Inc.	70,200	703,301
Daily Journal Corp. (A)	223	57,712
Dentsu Group, Inc.	35,265	1,063,162
DISH Network Corp., Class A (A)	29,119	522,104
Embracer Group AB (A)(C)	104,275	800,946
Entravision Communications Corp., Class A	11,491	52,399
Fox Corp., Class A	33,530	1,078,325
Fox Corp., Class B	17,000	504,900
Gannett Company, Inc. (A)	25,778	74,756
Gray Television, Inc.	14,530	245,412
Hakuhodo DY Holdings, Inc.	38,173	350,653

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Media (continued)</b>		
iHeartMedia, Inc., Class A (A)	20,973	\$ 165,477
Informa PLC (A)	244,063	1,576,796
Integral Ad Science Holding Corp. (A)	6,803	67,554
John Wiley & Sons, Inc., Class A	18,043	861,734
Magnite, Inc. (A)	22,343	198,406
News Corp., Class A	45,583	710,183
News Corp., Class B	14,117	224,319
Omnicom Group, Inc.	22,716	1,444,965
Paramount Global, Class B	66,528	1,641,911
Pearson PLC	111,247	1,018,742
Publicis Groupe SA	37,237	1,831,335
PubMatic, Inc., Class A (A)	7,108	112,946
Scholastic Corp.	4,733	170,246
Sinclair Broadcast Group, Inc., Class A	7,220	147,288
Stagwell, Inc. (A)	13,698	74,380
TechTarget, Inc. (A)	4,629	304,218
TEGNA, Inc.	93,131	1,952,957
The EW Scripps Company, Class A (A)	10,361	129,202
The Interpublic Group of Companies, Inc.	45,902	1,263,682
The New York Times Company, Class A	41,881	1,168,480
Thryv Holdings, Inc. (A)	4,371	97,867
Vivendi SE	117,623	1,200,330
WideOpenWest, Inc. (A)	9,111	165,911
WPP PLC	186,451	1,883,388
		51,608,344
<b>Wireless telecommunication services – 0.6%</b>		
Gogo, Inc. (A)	8,538	138,230
KDDI Corp.	263,243	8,301,200
Shenandoah Telecommunications Company	8,297	184,193
SoftBank Corp.	468,900	5,205,977
SoftBank Group Corp.	196,874	7,630,538
Tele2 AB, B Shares	92,656	1,056,544
Telephone & Data Systems, Inc.	16,912	267,040
T-Mobile US, Inc. (A)	66,590	8,959,019
United States Cellular Corp. (A)	2,468	71,473
Vodafone Group PLC	4,397,498	6,837,633
		38,651,847
		450,079,145
<b>Consumer discretionary – 10.4%</b>		
<b>Auto components – 0.4%</b>		
Adient PLC (A)	39,872	1,181,407
Aisin Corp.	24,058	744,618
American Axle & Manufacturing Holdings, Inc. (A)	19,256	144,998
Aptiv PLC (A)	30,412	2,708,797
BorgWarner, Inc.	27,961	933,059
Bridgestone Corp.	93,206	3,398,232
Cie Generale des Etablissements Michelin SCA	110,740	3,024,415
Continental AG	17,956	1,260,309
Dana, Inc.	57,824	813,584
Denso Corp.	70,695	3,731,455
Dorman Products, Inc. (A)	4,383	480,859
Fox Factory Holding Corp. (A)	17,755	1,429,988
Gentex Corp.	58,904	1,647,545
Gentherm, Inc. (A)	5,568	347,499
Holley, Inc. (A)	8,844	92,862
Koito Manufacturing Company, Ltd.	17,066	542,048
LCI Industries	4,173	466,875
Lear Corp.	15,018	1,890,616
Luminar Technologies, Inc. (A)	40,485	240,076
Modine Manufacturing Company (A)	8,913	93,854
Motorcar Parts of America, Inc. (A)	3,505	45,986
Patrick Industries, Inc.	3,714	192,534

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Auto components (continued)</b>		
Solid Power, Inc. (A)(C)	10,040	\$ 54,015
Standard Motor Products, Inc.	3,325	149,592
Stoneridge, Inc. (A)	4,634	79,473
Sumitomo Electric Industries, Ltd.	116,643	1,288,966
Tenneco, Inc., Class A (A)	13,947	239,331
The Goodyear Tire & Rubber Company (A)	118,281	1,266,790
Valeo (C)	33,657	655,839
Visteon Corp. (A)	11,768	1,218,929
XPEL, Inc. (A)	3,672	168,655
		30,533,206
<b>Automobiles – 2.0%</b>		
Bayerische Motoren Werke AG	54,047	4,189,755
Canoo, Inc. (A)(C)	21,029	38,904
Cenntro Electric Group, Ltd. (A)	32,585	49,203
Faraday Future Intelligent Electric, Inc. (A)	18,725	48,685
Ferrari NV	20,576	3,786,758
Fisker, Inc. (A)(C)	27,626	236,755
Ford Motor Company	446,360	4,967,987
General Motors Company (A)	164,808	5,234,302
Harley-Davidson, Inc.	37,026	1,172,243
Honda Motor Company, Ltd.	266,073	6,415,307
Isuzu Motors, Ltd.	95,146	1,052,446
Lordstown Motors Corp., Class A (A)	30,023	47,436
Mazda Motor Corp.	92,800	757,479
Mercedes-Benz Group AG	130,977	7,606,924
Nissan Motor Company, Ltd. (A)	378,976	1,484,301
Renault SA (A)	31,377	792,141
Stellantis NV	357,952	4,443,881
Subaru Corp.	100,427	1,776,397
Suzuki Motor Corp.	60,143	1,890,771
Tesla, Inc. (A)	94,837	63,865,133
Thor Industries, Inc.	13,825	1,033,142
Toyota Motor Corp.	1,731,100	26,709,669
Volkswagen AG	4,817	880,956
Volvo Car AB, B Shares (A)(C)	97,273	646,346
Winnebago Industries, Inc.	5,370	260,767
Workhorse Group, Inc. (A)(C)	26,210	68,146
Yamaha Motor Company, Ltd. (C)	48,613	892,669
		140,348,503
<b>Distributors – 0.1%</b>		
D'ieteren Group	4,062	596,893
Funko, Inc., Class A (A)	5,523	123,273
Genuine Parts Company	15,790	2,100,070
LKQ Corp.	29,051	1,426,114
Pool Corp.	4,675	1,642,000
Weyco Group, Inc.	1,374	33,594
		5,921,944
<b>Diversified consumer services – 0.1%</b>		
2U, Inc. (A)	12,962	135,712
Adtalem Global Education, Inc. (A)	7,582	272,725
American Public Education, Inc. (A)	3,695	59,711
Carriage Services, Inc.	2,327	92,266
Chegg, Inc. (A)	21,007	394,511
Coursera, Inc. (A)	19,245	272,894
Duolingo, Inc. (A)	4,003	350,463
European Wax Center, Inc., Class A	3,704	65,264
frontdoor, Inc. (A)	14,064	338,661
Graham Holdings Company, Class B	1,594	903,543
Grand Canyon Education, Inc. (A)	8,120	764,823
H&R Block, Inc.	40,095	1,416,155
IDP Education, Ltd.	34,076	557,999
Laureate Education, Inc.	19,215	222,318
OneSpaWorld Holdings, Ltd. (A)	11,713	83,982

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified consumer services (continued)</b>		
Perdoceo Education Corp. (A)	11,725	\$ 138,121
PowerSchool Holdings, Inc., Class A (A)	7,870	94,834
Rover Group, Inc. (A)	16,266	61,160
Service Corp. International	39,880	2,756,506
Strategic Education, Inc.	3,871	273,215
Stride, Inc. (A)	6,806	277,617
Udemy, Inc. (A)(C)	12,444	127,053
Universal Technical Institute, Inc. (A)	6,063	43,229
Vivint Smart Home, Inc. (A)	16,977	59,080
WW International, Inc. (A)	9,521	60,839
		9,822,681
<b>Hotels, restaurants and leisure – 1.7%</b>		
Accel Entertainment, Inc. (A)	10,246	108,813
Accor SA (A)	27,784	757,991
Aristocrat Leisure, Ltd.	98,376	2,339,974
Bally's Corp. (A)	6,845	135,394
BJ's Restaurants, Inc. (A)	4,048	87,761
Bloomin' Brands, Inc.	14,983	249,017
Bluegreen Vacations Holding Corp.	2,312	57,708
Booking Holdings, Inc. (A)	4,592	8,031,362
Bowlero Corp. (A)(C)	6,924	73,325
Boyd Gaming Corp.	20,098	999,876
Brinker International, Inc. (A)	7,412	163,286
Caesars Entertainment, Inc. (A)	24,929	954,781
Carnival Corp. (A)	94,320	815,868
Century Casinos, Inc. (A)	5,415	38,988
Chipotle Mexican Grill, Inc. (A)	3,160	4,130,942
Choice Hotels International, Inc.	8,267	922,845
Churchill Downs, Inc.	8,598	1,646,775
Chuy's Holdings, Inc. (A)	3,413	67,987
Compass Group PLC	291,253	5,979,827
Cracker Barrel Old Country Store, Inc.	9,727	812,107
Darden Restaurants, Inc.	13,965	1,579,721
Dave & Buster's Entertainment, Inc. (A)	7,250	237,655
Denny's Corp. (A)	10,608	92,077
Dine Brands Global, Inc.	2,652	172,592
Domino's Pizza Enterprises, Ltd.	9,890	464,887
Domino's Pizza, Inc.	3,962	1,544,031
El Pollo Loco Holdings, Inc. (A)	4,176	41,092
Entain PLC (A)	95,763	1,457,289
Everi Holdings, Inc. (A)	14,999	244,634
Evolution AB (B)	29,847	2,730,433
Expedia Group, Inc. (A)	17,519	1,661,327
Flutter Entertainment PLC (A)	27,239	2,761,430
Full House Resorts, Inc. (A)	6,364	38,693
Galaxy Entertainment Group, Ltd.	356,153	2,133,560
Genting Singapore, Ltd.	987,121	511,964
Golden Entertainment, Inc. (A)	3,481	137,674
Hilton Grand Vacations, Inc. (A)	15,076	538,665
Hilton Worldwide Holdings, Inc.	31,249	3,482,389
Inspired Entertainment, Inc. (A)	4,137	35,620
InterContinental Hotels Group PLC	30,038	1,596,458
International Game Technology PLC	16,996	315,446
Jack in the Box, Inc.	3,571	200,190
Krispy Kreme, Inc. (C)	12,240	166,464
Kura Sushi USA, Inc., Class A (A)	880	43,586
La Francaise des Jeux SAEM (B)	17,148	595,451
Las Vegas Sands Corp. (A)	40,091	1,346,657
Life Time Group Holdings, Inc. (A)	7,358	94,771
Light & Wonder, Inc. (A)	40,601	1,907,841
Lindblad Expeditions Holdings, Inc. (A)	5,997	48,576
Marriott International, Inc., Class A	30,901	4,202,845
Marriott Vacations Worldwide Corp.	10,409	1,209,526
McDonald's Corp.	83,603	20,639,909

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
McDonald's Holdings Company		
Japan, Ltd.	14,061	\$ 512,183
MGM Resorts International	39,321	1,138,343
Monarch Casino & Resort, Inc. (A)	2,245	131,714
NeoGames SA (A)	2,467	33,082
Noodles & Company (A)	8,285	38,940
Norwegian Cruise Line Holdings, Ltd. (A)	48,615	540,599
ONE Group Hospitality, Inc. (A)	4,532	33,401
Oriental Land Company, Ltd.	32,700	4,566,616
Papa John's International, Inc.	13,559	1,132,448
Penn National Gaming, Inc. (A)	19,372	589,296
Portillo's, Inc., Class A (A)(C)	3,584	58,598
RCI Hospitality Holdings, Inc.	1,576	76,215
Red Rock Resorts, Inc., Class A	8,965	299,072
Royal Caribbean Cruises, Ltd. (A)	26,150	912,897
Rush Street Interactive, Inc. (A)	11,019	51,459
Ruth's Hospitality Group, Inc.	5,714	92,910
Sands China, Ltd. (A)	396,282	953,335
SeaWorld Entertainment, Inc. (A)	7,665	338,640
Shake Shack, Inc., Class A (A)	6,405	252,869
Six Flags Entertainment Corp. (A)	19,546	424,148
Sodexo SA	14,442	1,021,545
Starbucks Corp.	129,527	9,894,568
Target Hospitality Corp. (A)	5,908	33,735
Texas Roadhouse, Inc.	28,621	2,095,057
The Cheesecake Factory, Inc.	8,456	223,408
The Lottery Corp, Ltd. (A)	363,325	1,133,549
The Wendy's Company	43,061	812,992
Travel + Leisure Company	21,459	833,038
Whitbread PLC	32,974	999,924
Wingstop, Inc.	12,582	940,756
Wyndham Hotels & Resorts, Inc.	23,139	1,520,695
Wynn Resorts, Ltd. (A)	12,273	699,316
Xponential Fitness, Inc., Class A (A)	3,192	40,092
Yum! Brands, Inc.	32,200	3,655,022
		116,688,542
<b>Household durables – 0.7%</b>		
Barratt Developments PLC	166,917	933,677
Beazer Homes USA, Inc. (A)	5,280	63,730
Cavco Industries, Inc. (A)	1,565	306,724
Century Communities, Inc.	4,934	221,882
D.R. Horton, Inc.	35,949	2,379,464
Dream Finders Homes, Inc., Class A (A)	3,765	40,060
Electrolux AB, Series B	36,817	497,282
Ethan Allen Interiors, Inc.	3,970	80,234
Garmin, Ltd.	17,718	1,740,794
GoPro, Inc., Class A (A)	22,311	123,380
Green Brick Partners, Inc. (A)	4,889	95,678
Hamilton Beach Brands Holding Company, Class B	853	10,586
Helen of Troy, Ltd. (A)	9,978	1,620,527
Hovnanian Enterprises, Inc., Class A (A)	967	41,378
Iida Group Holdings Company, Ltd.	24,000	368,457
Installed Building Products, Inc.	4,113	342,037
iRobot Corp. (A)	4,636	170,373
KB Home	35,161	1,000,682
La-Z-Boy, Inc.	7,241	171,684
Leggett & Platt, Inc.	33,555	1,160,332
Lennar Corp., A Shares	28,910	2,040,179
LGI Homes, Inc. (A)	3,541	307,713
M/I Homes, Inc. (A)	4,592	182,119
MDC Holdings, Inc.	9,625	310,984
Meritage Homes Corp. (A)	6,070	440,075
Mohawk Industries, Inc. (A)	5,535	686,838
Newell Brands, Inc.	44,151	840,635

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Household durables (continued)</b>		
NVR, Inc. (A)	352	\$ 1,409,457
Open House Group Company, Ltd.	13,400	533,396
Panasonic Holdings Corp.	360,509	2,910,817
Persimmon PLC	52,108	1,185,556
PulteGroup, Inc.	26,250	1,040,288
Purple Innovation, Inc. (A)(C)	10,179	31,148
SEB SA	4,065	392,298
Sekisui Chemical Company, Ltd.	61,544	843,767
Sekisui House, Ltd.	100,626	1,766,524
Sharp Corp.	40,000	309,403
Skyline Champion Corp. (A)	9,053	429,293
Snap One Holdings Corp. (A)(C)	3,533	32,398
Sonos, Inc. (A)	21,644	390,458
Sony Group Corp.	205,900	16,792,536
Taylor Morrison Home Corp. (A)	49,449	1,155,129
Taylor Wimpey PLC	595,613	848,415
Tempur Sealy International, Inc.	44,103	942,481
The Berkeley Group Holdings PLC (A)	18,295	831,773
The Lovesac Company (A)	2,470	67,925
Toll Brothers, Inc.	27,701	1,235,465
TopBuild Corp. (A)	8,235	1,376,563
Tri Pointe Homes, Inc. (A)	17,169	289,641
Tupperware Brands Corp. (A)	8,094	51,316
Universal Electronics, Inc. (A)	2,405	61,496
Vizio Holding Corp., Class A (A)	11,834	80,708
Vuzix Corp. (A)(C)	10,525	74,728
Weber, Inc., Class A (C)	5,168	37,261
Whirlpool Corp.	6,184	957,716
		52,255,460
<b>Internet and direct marketing retail – 1.8%</b>		
1-800-Flowers.com, Inc., Class A (A)	4,935	46,932
Amazon.com, Inc. (A)	988,827	105,023,316
CarParts.com, Inc. (A)	9,091	63,092
ContextLogic, Inc., Class A (A)	96,998	155,197
Delivery Hero SE (A)(B)(C)	26,630	1,004,639
eBay, Inc.	63,242	2,635,294
Etsy, Inc. (A)	14,784	1,082,337
Groupon, Inc. (A)	3,777	42,680
Just Eat Takeaway.com NV (A)(B)	29,827	468,684
Lands' End, Inc. (A)	3,019	32,062
Liquidity Services, Inc. (A)	4,511	60,628
Overstock.com, Inc. (A)(C)	7,251	181,348
PetMed Express, Inc.	3,601	71,660
Porch Group, Inc. (A)	14,729	37,706
Poshmark, Inc., Class A (A)	7,944	80,314
Prosus NV (A)	135,397	8,767,441
Quotient Technology, Inc. (A)	16,383	48,658
Qurate Retail, Inc., Series A	59,459	170,647
Rakuten Group, Inc.	142,005	642,091
Revolve Group, Inc. (A)	6,961	180,360
Shutterstock, Inc.	4,130	236,690
Stitch Fix, Inc., Class A (A)	14,026	69,288
The RealReal, Inc. (A)	15,491	38,573
ThredUp, Inc., Class A (A)	10,692	26,730
Vivid Seats, Inc., Class A (C)	4,665	34,848
Xometry, Inc., Class A (A)(C)	5,776	195,980
Zalando SE (A)(B)	36,357	957,739
ZOZO, Inc.	20,300	367,282
		122,722,216
<b>Leisure products – 0.2%</b>		
Acushnet Holdings Corp.	5,780	240,910
AMMO, Inc. (A)(C)	15,487	59,625
Bandai Namco Holdings, Inc.	32,593	2,300,836
Brunswick Corp.	19,026	1,243,920
Callaway Golf Company (A)	52,900	1,079,160

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Leisure products (continued)</b>		
Clarus Corp.	5,070	\$ 96,279
Hasbro, Inc.	15,121	1,238,107
Johnson Outdoors, Inc., Class A	980	59,937
Latham Group, Inc. (A)	7,835	54,297
Malibu Boats, Inc., Class A (A)	3,564	187,858
MasterCraft Boat Holdings, Inc. (A)	3,322	69,928
Mattel, Inc. (A)	88,558	1,977,500
Polaris, Inc.	14,051	1,394,983
Shimano, Inc.	11,981	2,018,280
Smith & Wesson Brands, Inc.	7,818	102,650
Sturm Ruger & Company, Inc.	2,893	184,139
Vinco Ventures, Inc. (A)	32,009	44,172
Vista Outdoor, Inc. (A)	9,347	260,781
Yamaha Corp.	22,973	947,060
YETI Holdings, Inc. (A)	21,646	936,622
		14,497,044
<b>Multiline retail – 0.4%</b>		
Big Lots, Inc. (C)	4,874	102,208
Dillard's, Inc., Class A (C)	723	159,472
Dollar General Corp.	25,895	6,355,669
Dollar Tree, Inc. (A)	25,477	3,970,590
Franchise Group, Inc.	4,670	163,777
Kohl's Corp.	32,306	1,153,001
Macy's, Inc.	71,567	1,311,107
Next PLC	21,591	1,542,467
Nordstrom, Inc.	28,032	592,316
Ollie's Bargain Outlet Holdings, Inc. (A)	14,657	861,099
Pan Pacific International Holdings Corp.	62,100	990,075
Target Corp.	52,255	7,379,974
Wesfarmers, Ltd.	185,133	5,354,785
		29,936,540
<b>Specialty retail – 1.6%</b>		
Abercrombie & Fitch Company, Class A (A)	8,557	144,784
Academy Sports & Outdoors, Inc.	14,144	502,678
Advance Auto Parts, Inc.	6,642	1,149,664
American Eagle Outfitters, Inc.	64,882	725,381
America's Car-Mart, Inc. (A)	1,048	105,429
Arko Corp.	14,546	118,695
Asbury Automotive Group, Inc. (A)	3,722	630,283
AutoNation, Inc. (A)	8,938	998,911
AutoZone, Inc. (A)	2,248	4,831,222
Bath & Body Works, Inc.	26,869	723,313
Bed Bath & Beyond, Inc. (A)(C)	13,848	68,825
Best Buy Company, Inc.	22,919	1,494,090
Big 5 Sporting Goods Corp. (C)	3,903	43,753
Boot Barn Holdings, Inc. (A)	5,010	345,239
Build-A-Bear Workshop, Inc.	2,539	41,690
Caleres, Inc.	6,257	164,184
Camping World Holdings, Inc., Class A (C)	6,556	141,544
CarMax, Inc. (A)	17,671	1,598,872
Chico's FAS, Inc. (A)	21,545	107,079
Chow Tai Fook Jewellery Group, Ltd. (A)	326,400	616,534
Citi Trends, Inc. (A)	1,623	38,384
Designer Brands, Inc., Class A	9,997	130,561
Destination XL Group, Inc. (A)	11,613	39,368
Dick's Sporting Goods, Inc.	14,585	1,099,271
EVgo, Inc. (A)(C)	11,866	71,315
Fast Retailing Company, Ltd.	9,546	5,014,293
Five Below, Inc. (A)	13,946	1,581,895
Foot Locker, Inc.	35,064	885,366
GameStop Corp., Class A (A)(C)	15,535	1,899,931
Genesco, Inc. (A)	2,279	113,745
Group 1 Automotive, Inc.	2,690	456,762

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
GrowGeneration Corp. (A)(C)	10,683	\$ 38,352
Guess?, Inc. (C)	5,959	101,601
Haverty Furniture Companies, Inc.	2,623	60,801
Hennes & Mauritz AB, B Shares	119,217	1,430,919
Hibbett, Inc.	2,212	96,687
Hikari Tsushin, Inc.	3,300	339,246
Industria de Diseno Textil SA	178,061	4,046,520
JD Sports Fashion PLC	420,993	593,186
Kingfisher PLC	334,575	999,872
Lithia Motors, Inc.	7,269	1,997,594
LL Flooring Holdings, Inc. (A)	5,418	50,767
Lowe's Companies, Inc.	74,773	13,060,600
MarineMax, Inc. (A)	3,581	129,346
Monro, Inc.	5,633	241,543
Murphy USA, Inc.	9,362	2,180,129
National Vision Holdings, Inc. (A)	13,783	379,033
Nitori Holdings Company, Ltd.	13,111	1,247,679
OneWater Marine, Inc., Class A (A)	1,974	65,241
O'Reilly Automotive, Inc. (A)	7,442	4,701,558
Rent-A-Center, Inc.	9,089	176,781
RH (A)	4,418	937,765
Ross Stores, Inc.	39,628	2,783,074
Sally Beauty Holdings, Inc. (A)	17,995	214,500
Shoe Carnival, Inc.	3,239	69,995
Signet Jewelers, Ltd.	7,883	421,425
Sleep Number Corp. (A)	3,739	115,722
Sonic Automotive, Inc., Class A	3,390	124,176
Sportsman's Warehouse Holdings, Inc. (A)	7,680	73,651
The Aaron's Company, Inc.	5,218	75,922
The Buckle, Inc.	5,164	142,991
The Cato Corp., Class A	3,670	42,609
The Children's Place, Inc. (A)	2,258	87,881
The Container Store Group, Inc. (A)	6,129	38,184
The Gap, Inc.	52,954	436,341
The Home Depot, Inc.	116,826	32,041,867
The ODP Corp. (A)	7,298	220,692
The TJX Companies, Inc.	132,751	7,414,143
Tilly's, Inc., Class A	4,753	33,366
Tractor Supply Company	12,676	2,457,243
TravelCenters of America, Inc. (A)	2,237	77,109
Ulta Beauty, Inc. (A)	5,915	2,280,114
Urban Outfitters, Inc. (A)	11,299	210,839
USS Company, Ltd.	35,748	619,587
Victoria's Secret & Company (A)	17,063	477,252
Volta, Inc. (A)(C)	23,599	30,679
Warby Parker, Inc., Class A (A)(C)	14,188	159,757
Williams-Sonoma, Inc.	17,594	1,952,054
Winmark Corp.	495	96,807
Zumiez, Inc. (A)	2,841	73,866
		111,530,127
<b>Textiles, apparel and luxury goods – 1.4%</b>		
adidas AG	28,222	5,013,099
Allbirds, Inc., Class A (A)	17,198	67,588
Burberry Group PLC	65,256	1,309,132
Capri Holdings, Ltd. (A)	37,086	1,520,897
Carter's, Inc.	10,123	713,469
Cie Financiere Richemont SA, A Shares	85,209	9,165,343
Columbia Sportswear Company	8,371	599,196
Crocs, Inc. (A)	25,749	1,253,204
Deckers Outdoor Corp. (A)	6,844	1,747,615
Ermeneigildo Zegna Holditalia SpA (A)(C)	8,378	88,388
EssilorLuxottica SA	46,939	7,116,543
Fossil Group, Inc. (A)	8,591	44,415
G-III Apparel Group, Ltd. (A)	7,631	154,375
Hanesbrands, Inc.	87,624	901,651

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Textiles, apparel and luxury goods (continued)</b>		
Hermes International	5,170	\$ 5,818,459
Kering SA	12,213	6,329,104
Kontoor Brands, Inc.	9,583	319,785
LVMH Moët Hennessy Louis Vuitton SE	45,317	27,773,775
Moncler SpA	33,506	1,443,639
Movado Group, Inc.	2,766	85,552
NIKE, Inc., Class B	143,614	14,677,351
Oxford Industries, Inc.	2,622	232,676
Pandora A/S	15,507	985,198
PLBY Group, Inc. (A)(C)	5,756	36,838
Puma SE	17,234	1,143,415
PVH Corp.	8,160	464,304
Ralph Lauren Corp.	5,398	483,931
Rocky Brands, Inc.	1,389	47,476
Skechers USA, Inc., Class A (A)	33,887	1,205,699
Steven Madden, Ltd.	13,358	430,261
Superior Group of Companies, Inc.	2,705	48,014
Tapestry, Inc.	27,473	838,476
The Swatch Group AG	8,588	383,183
The Swatch Group AG, Bearer Shares	4,723	1,121,894
Under Armour, Inc., Class A (A)	47,400	394,842
Under Armour, Inc., Class C (A)	50,930	386,049
VF Corp.	35,323	1,560,217
Wolverine World Wide, Inc.	13,714	276,474
		96,181,527
		730,437,790
<b>Consumer staples – 7.5%</b>		
<b>Beverages – 1.7%</b>		
Anheuser-Busch InBev SA/NV	141,785	7,635,397
Asahi Group Holdings, Ltd.	74,481	2,449,335
Brown-Forman Corp., Class B	21,311	1,495,180
Budweiser Brewing Company APAC, Ltd. (B)	281,000	843,196
Carlsberg A/S, Class B	16,389	2,094,559
Celsius Holdings, Inc. (A)	9,261	604,373
Coca-Cola Consolidated, Inc.	793	447,173
Coca-Cola Europacific Partners PLC	33,558	1,731,928
Coca-Cola HBC AG	32,851	731,975
Constellation Brands, Inc., Class A	18,301	4,265,231
Davide Campari-Milano NV	85,326	900,163
Diageo PLC	377,961	16,325,156
Heineken Holding NV	16,456	1,195,440
Heineken NV	42,311	3,851,214
Ito En, Ltd.	8,700	391,263
Keurig Dr. Pepper, Inc.	83,356	2,949,969
Kirin Holdings Company, Ltd. (C)	134,292	2,121,416
MGP Ingredients, Inc.	2,353	235,512
Molson Coors Beverage Company, Class B	21,971	1,197,639
Monster Beverage Corp. (A)	42,479	3,937,803
National Beverage Corp.	3,986	195,075
PepsiCo, Inc.	156,290	26,047,291
Pernod Ricard SA	34,198	6,322,346
Primo Water Corp.	26,425	353,567
Remy Cointreau SA	3,755	658,858
Suntory Beverage & Food, Ltd. (C)	22,659	855,671
The Boston Beer Company, Inc., Class A (A)	2,361	715,312
The Coca-Cola Company	440,921	27,738,340
The Duckhorn Portfolio, Inc. (A)	6,133	129,161
The Vita Coco Company, Inc. (A)	4,995	48,901
Treasury Wine Estates, Ltd.	117,831	924,055

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Beverages (continued)</b>		
Vintage Wine Estates, Inc. (A)	5,750	\$ 45,195
		119,437,694
<b>Food and staples retailing – 1.4%</b>		
Aeon Company, Ltd.	106,778	1,854,747
BJ's Wholesale Club Holdings, Inc. (A)	33,893	2,112,212
Carrefour SA (C)	101,323	1,798,614
Casey's General Stores, Inc.	9,324	1,724,754
Coles Group, Ltd.	218,110	2,684,138
Costco Wholesale Corp.	50,115	24,019,117
Endeavour Group, Ltd.	219,264	1,147,077
Grocery Outlet Holding Corp. (A)	22,032	939,224
HelloFresh SE (A)	26,974	880,018
HF Foods Group, Inc. (A)	6,967	36,368
Ingles Markets, Inc., Class A	2,427	210,542
J Sainsbury PLC	285,613	710,794
Jeronimo Martins SGPS SA	46,225	1,002,081
Kesko OYJ, B Shares	44,585	1,055,140
Kobe Bussan Company, Ltd.	24,600	604,693
Koninklijke Ahold Delhaize NV	170,700	4,443,151
Ocado Group PLC (A)	79,747	760,205
Performance Food Group Company (A)	38,942	1,790,553
PriceSmart, Inc.	4,100	293,683
Rite Aid Corp. (A)	9,584	64,596
Seven & i Holdings Company, Ltd.	123,029	4,773,571
SpartanNash Company	6,128	184,882
Sprouts Farmers Market, Inc. (A)	46,129	1,167,986
Sysco Corp.	57,543	4,874,468
Tesco PLC	1,245,920	3,883,038
The Andersons, Inc.	5,463	180,224
The Chefs' Warehouse, Inc. (A)	5,826	226,573
The Kroger Company	74,217	3,512,691
United Natural Foods, Inc. (A)	9,804	386,278
Village Super Market, Inc., Class A	1,936	44,160
Walgreens Boots Alliance, Inc.	80,897	3,065,996
Walmart, Inc.	158,708	19,295,719
Weis Markets, Inc.	2,797	208,488
Welcia Holdings Company, Ltd.	15,400	309,608
Woolworths Group, Ltd.	197,837	4,859,340
		95,104,729
<b>Food products – 1.9%</b>		
Ajinomoto Company, Inc.	76,196	1,858,086
Alico, Inc.	1,185	42,222
AppHarvest, Inc. (A)(C)	12,860	44,881
Archer-Daniels-Midland Company	63,624	4,937,222
Associated British Foods PLC	58,153	1,122,095
B&G Foods, Inc. (C)	11,384	270,712
Barry Callebaut AG	582	1,302,177
Benson Hill, Inc. (A)(C)	30,039	82,307
Beyond Meat, Inc. (A)	10,421	249,479
BRC, Inc., Class A (A)	4,676	38,156
Calavo Growers, Inc.	3,014	125,744
Cal-Maine Foods, Inc.	6,343	313,408
Campbell Soup Company	23,575	1,132,779
Chocoladefabriken Lindt & Spruengli AG	18	1,889,260
Chocoladefabriken Lindt & Spruengli AG, Participation Certificates	174	1,771,675
Conagra Brands, Inc.	52,554	1,799,449
Danone SA	106,641	5,972,129
Darling Ingredients, Inc. (A)	40,578	2,426,564
Flowers Foods, Inc.	50,073	1,317,921
Fresh Del Monte Produce, Inc.	5,072	149,776
General Mills, Inc.	68,062	5,135,278
Hormel Foods Corp.	32,901	1,558,191
Hostess Brands, Inc. (A)	23,128	490,545
Ingredion, Inc.	16,637	1,466,718

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Food products (continued)</b>		
J&J Snack Foods Corp.	2,548	\$ 355,854
JDE Peet's NV	16,412	467,288
John B. Sanfilippo & Son, Inc.	1,471	106,633
Kellogg Company	28,238	2,014,499
Kerry Group PLC, Class A	24,777	2,369,474
Kerry Group PLC, Class A (London Stock Exchange)	1,204	116,408
Kikkoman Corp.	23,746	1,263,687
Lamb Weston Holdings, Inc.	16,933	1,210,032
Lancaster Colony Corp.	8,234	1,060,375
Landec Corp. (A)	4,877	48,624
McCormick & Company, Inc.	27,831	2,316,931
MEIJI Holdings Company, Ltd.	18,700	918,877
Mission Produce, Inc. (A)	6,864	97,812
Mondelez International, Inc., Class A	156,355	9,708,082
Mowi ASA	67,529	1,544,231
Nestle SA	459,508	53,703,931
Nisshin Seifun Group, Inc.	32,300	378,009
Nissin Foods Holdings Company, Ltd.	10,175	702,799
Orkla ASA	122,603	982,135
Pilgrim's Pride Corp. (A)	12,076	377,133
Post Holdings, Inc. (A)	14,040	1,156,194
Salmar ASA	9,615	680,705
Sanderson Farms, Inc.	8,893	1,916,708
Seneca Foods Corp., Class A (A)	1,055	58,595
Sovos Brands, Inc. (A)	4,915	78,001
SunOpta, Inc. (A)	17,095	132,999
Tattooed Chef, Inc. (A)(C)	8,806	55,478
The Hain Celestial Group, Inc. (A)	35,268	837,262
The Hershey Company	16,430	3,535,079
The J.M. Smucker Company	12,637	1,617,662
The Kraft Heinz Company	79,796	3,043,419
The Simply Good Foods Company (A)	15,175	573,160
Tootsie Roll Industries, Inc.	2,409	85,158
TreeHouse Foods, Inc. (A)	8,572	358,481
Tyson Foods, Inc., Class A	32,817	2,824,231
Utz Brands, Inc.	11,170	154,369
Vital Farms, Inc. (A)	5,487	48,011
WH Group, Ltd. (B)	1,361,500	1,053,781
Whole Earth Brands, Inc. (A)	7,740	47,988
Wilmar International, Ltd.	313,603	912,767
Yakult Honsha Company, Ltd.	20,903	1,205,673
		135,615,309
<b>Household products – 1.0%</b>		
Central Garden & Pet Company (A)	2,847	120,770
Central Garden & Pet Company, Class A (A)	5,648	225,976
Church & Dwight Company, Inc.	26,892	2,491,813
Colgate-Palmolive Company	94,711	7,590,140
Energizer Holdings, Inc.	27,586	782,063
Essity AB, B Shares	99,411	2,598,660
Henkel AG & Company KGaA	16,963	1,042,212
Kimberly-Clark Corp.	38,158	5,157,054
Reckitt Benckiser Group PLC	116,686	8,776,220
The Clorox Company	13,471	1,899,142
The Procter & Gamble Company	271,225	38,999,443
Unicharm Corp.	65,900	2,211,421
WD-40 Company	2,262	455,476
		72,350,390
<b>Personal products – 0.8%</b>		
Beiersdorf AG	16,454	1,688,464
BellRing Brands, Inc. (A)	47,123	1,172,891
Coty, Inc., Class A (A)	86,442	692,400
Edgewell Personal Care Company	9,020	311,370
elf Beauty, Inc. (A)	8,315	255,104

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Personal products (continued)</b>		
Herbalife Nutrition, Ltd. (A)	16,718	\$ 341,883
Inter Parfums, Inc.	3,050	222,833
Kao Corp. (C)	77,575	3,145,625
Kobayashi Pharmaceutical Company, Ltd.	8,700	538,802
Kose Corp. (C)	5,400	492,134
L'Oreal SA	39,329	13,655,239
Medifast, Inc.	1,914	345,496
Nu Skin Enterprises, Inc., Class A	21,002	909,387
Shiseido Company, Ltd.	65,260	2,630,447
The Beauty Health Company (A)	16,968	218,208
The Estee Lauder Companies, Inc., Class A	26,199	6,672,099
The Honest Company, Inc. (A)	12,499	36,497
Unilever PLC	418,040	19,054,176
USANA Health Sciences, Inc. (A)	1,861	134,662
Veru, Inc. (A)(C)	11,059	124,967
		52,642,684
<b>Tobacco – 0.7%</b>		
22nd Century Group, Inc. (A)(C)	29,004	61,779
Altria Group, Inc.	204,574	8,545,056
British American Tobacco PLC	355,379	15,233,058
Imperial Brands PLC	147,383	3,299,569
Japan Tobacco, Inc. (C)	195,866	3,394,118
Philip Morris International, Inc.	175,194	17,298,656
Swedish Match AB	257,912	2,631,357
Turning Point Brands, Inc.	2,608	70,755
Universal Corp.	3,972	240,306
Vector Group, Ltd.	24,135	253,418
		51,028,072
		526,178,878
<b>Energy – 4.3%</b>		
<b>Energy equipment and services – 0.3%</b>		
Archrock, Inc.	22,675	187,522
Baker Hughes Company	105,614	3,049,076
Borr Drilling, Ltd. (A)	23,223	107,058
Bristow Group, Inc. (A)	3,924	91,822
Cactus, Inc., Class A	9,887	398,149
ChampionX Corp.	85,530	1,697,771
Diamond Offshore Drilling, Inc. (A)(C)	17,147	100,996
DMC Global, Inc. (A)	3,382	60,977
Dril-Quip, Inc. (A)	5,761	148,634
Expro Group Holdings NV (A)	13,276	152,940
Halliburton Company	101,633	3,187,211
Helix Energy Solutions Group, Inc. (A)	25,513	79,090
Helmerich & Payne, Inc.	17,311	745,412
Liberty Energy, Inc. (A)	24,092	307,414
Nabors Industries, Ltd. (A)	1,544	206,742
National Energy Services Reunited Corp. (A)	6,702	45,440
Newpark Resources, Inc. (A)	15,788	48,785
NexTier Oilfield Solutions, Inc. (A)	29,769	283,103
Noble Corp. (A)	6,290	159,452
NOV, Inc.	98,684	1,668,746
Oceaneering International, Inc. (A)	17,267	184,412
Oil States International, Inc. (A)	11,019	59,723
Patterson-UTI Energy, Inc.	36,295	572,009
ProPetro Holding Corp. (A)	14,984	149,840
RPC, Inc. (A)	12,756	88,144
Schlumberger NV	159,519	5,704,399
Select Energy Services, Inc., Class A (A)	12,580	85,796
Solaris Oilfield Infrastructure, Inc., Class A	5,569	60,591
Tenaris SA	77,082	990,051
TETRA Technologies, Inc. (A)	21,935	89,056
Tidewater, Inc. (A)	6,571	138,582

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Energy equipment and services (continued)</b>		
U.S. Silica Holdings, Inc. (A)	12,882	\$ 147,112
Valaris, Ltd. (A)	10,215	431,482
Weatherford International PLC (A)	12,047	255,035
		21,682,572
<b>Oil, gas and consumable fuels – 4.0%</b>		
Aemetis, Inc. (A)(C)	5,475	26,882
Aker BP ASA (C)	20,574	712,537
Alto Ingredients, Inc. (A)	13,064	48,467
Amplify Energy Corp. (A)	6,480	42,379
Ampol, Ltd.	38,899	918,112
Antero Midstream Corp.	81,736	739,711
APA Corp.	38,559	1,345,709
Arch Resources, Inc.	2,558	366,024
Archaea Energy, Inc. (A)	10,196	158,344
Ardmore Shipping Corp. (A)	6,563	45,744
Berry Corp.	13,925	106,109
BP PLC	3,178,641	14,925,292
Brigham Minerals, Inc., Class A	8,524	209,946
California Resources Corp.	13,103	504,466
Callon Petroleum Company (A)	8,316	325,987
Centennial Resource Development, Inc., Class A (A)	34,913	208,780
Centrus Energy Corp., Class A (A)	1,994	49,352
Chevron Corp.	222,137	32,160,995
Civitas Resources, Inc.	12,392	647,978
Clean Energy Fuels Corp. (A)	29,090	130,323
CNX Resources Corp. (A)	81,376	1,339,449
Comstock Resources, Inc. (A)	15,499	187,228
ConocoPhillips	146,224	13,132,377
CONSOL Energy, Inc. (A)	5,811	286,947
Coterra Energy, Inc.	91,341	2,355,684
Crescent Energy Company, Class A (C)	5,721	71,398
CVR Energy, Inc.	5,014	167,969
Delek US Holdings, Inc. (A)	11,856	306,359
Denbury, Inc. (A)	8,529	511,655
Devon Energy Corp.	69,333	3,820,942
DHT Holdings, Inc.	23,501	144,061
Diamondback Energy, Inc.	18,836	2,281,981
Dorian LPG, Ltd.	5,471	83,159
DT Midstream, Inc.	24,303	1,191,333
Earthstone Energy, Inc., Class A (A)(C)	7,341	100,205
ENEOS Holdings, Inc.	500,911	1,884,824
Energy Fuels, Inc. (A)(C)	26,911	132,133
Eni SpA	411,993	4,886,509
EOG Resources, Inc.	66,184	7,309,361
EQT Corp.	74,272	2,554,957
Equinor ASA	159,531	5,558,919
Equitrans Midstream Corp.	171,828	1,092,826
Excelerate Energy, Inc., Class A (A)	3,201	63,764
Exxon Mobil Corp.	476,133	40,776,030
FLEX LNG, Ltd.	4,848	132,787
Frontline, Ltd. (A)(C)	21,107	187,008
Galp Energia SGPS SA	81,824	957,421
Gevo, Inc. (A)(C)	34,649	81,425
Golar LNG, Ltd. (A)	17,164	390,481
Green Plains, Inc. (A)	8,972	243,769
Gulfport Energy Corp. (A)	1,925	153,057
Hess Corp.	31,221	3,307,553
HF Sinclair Corp.	37,576	1,696,932
Idemitsu Kosan Company, Ltd.	33,986	811,880
Inpex Corp. (C)	169,741	1,819,670
International Seaways, Inc.	8,279	175,515
Kinder Morgan, Inc.	220,013	3,687,418
Kinetik Holdings, Inc.	2,830	96,616
Kosmos Energy, Ltd. (A)	76,468	473,337

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Laredo Petroleum, Inc. (A)	2,902	\$ 200,064
Lundin Energy AB (C)	32,671	22,215
Magnolia Oil & Gas Corp., Class A	28,109	590,008
Marathon Oil Corp.	79,871	1,795,500
Marathon Petroleum Corp.	61,148	5,026,977
Matador Resources Company	46,888	2,184,512
Murphy Oil Corp.	61,532	1,857,651
Neste OYJ	69,059	3,071,812
Nordic American Tankers, Ltd. (C)	33,656	71,687
Northern Oil and Gas, Inc.	11,102	280,437
Oasis Petroleum, Inc.	3,274	398,282
Occidental Petroleum Corp.	100,587	5,922,563
OMV AG	24,040	1,130,619
ONEOK, Inc.	50,189	2,785,490
Par Pacific Holdings, Inc. (A)	8,301	129,413
PBF Energy, Inc., Class A (A)	16,347	474,390
PDC Energy, Inc.	23,975	1,477,100
Peabody Energy Corp. (A)	19,913	424,744
Phillips 66	54,558	4,473,210
Pioneer Natural Resources Company	25,445	5,676,271
Range Resources Corp. (A)	65,119	1,611,695
Ranger Oil Corp., Class A (A)	3,670	120,633
Repsol SA	236,859	3,491,775
REX American Resources Corp. (A)	921	78,101
Riley Exploration Permian, Inc.	1,828	44,201
Ring Energy, Inc. (A)	15,361	40,860
SandRidge Energy, Inc. (A)	5,546	86,906
Santos, Ltd.	525,222	2,662,969
Scorpio Tankers, Inc.	8,401	289,919
SFL Corp., Ltd.	19,364	183,764
Shell PLC	1,241,974	32,344,455
SilverBow Resources, Inc. (A)	2,010	57,004
Sitio Royalties Corp.	2,195	50,880
SM Energy Company	20,485	700,382
Talos Energy, Inc. (A)	11,202	173,295
Targa Resources Corp.	57,278	3,417,778
Teekay Corp. (A)	14,178	40,833
Teekay Tankers, Ltd., Class A (A)	3,985	70,256
Tellurian, Inc. (A)	86,621	258,131
The Williams Companies, Inc.	137,656	4,296,244
TotalEnergies SE	404,706	21,302,496
Uranium Energy Corp. (A)(C)	48,237	148,570
Ur-Energy, Inc. (A)(C)	33,473	35,481
VAALCO Energy, Inc. (C)	10,346	71,801
Valero Energy Corp.	46,127	4,902,378
Vertex Energy, Inc. (A)(C)	9,322	98,067
W&T Offshore, Inc. (A)	16,167	69,841
Washington H. Soul Pattinson & Company, Ltd.	35,344	575,605
Whiting Petroleum Corp.	6,618	450,223
Woodside Energy Group, Ltd.	158,277	3,478,693
World Fuel Services Corp.	10,268	210,083
		277,484,340
		299,166,912
<b>Financials – 13.2%</b>		
<b>Banks – 5.7%</b>		
1st Source Corp.	2,562	116,315
ABN AMRO Bank NV (B)	69,049	775,873
ACNB Corp.	1,845	54,778
Allegiance Bancshares, Inc.	3,259	123,060
Amalgamated Financial Corp.	2,764	54,672
Amerant Bancorp, Inc.	4,880	137,226
American National Bankshares, Inc.	2,209	76,453
Ameris Bancorp	11,174	448,971
Arrow Financial Corp.	2,486	79,080



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Associated Banc-Corp.	62,680	\$ 1,144,537
Atlantic Union Bankshares Corp.	12,492	423,729
Australia & New Zealand Banking Group, Ltd.	457,655	6,970,410
Banc of California, Inc.	9,372	165,135
BancFirst Corp.	3,294	315,269
Banco Bilbao Vizcaya Argentaria SA	1,088,435	4,944,299
Banco Espirito Santo SA (A)	625,609	7
Banco Santander SA	2,830,606	8,008,952
Bank First Corp.	1,100	83,391
Bank Hapoalim BM	207,254	1,740,358
Bank Leumi Le-Israel BM	237,164	2,121,674
Bank of America Corp.	801,159	24,940,080
Bank of Hawaii Corp.	10,122	753,077
Bank of Marin Bancorp	2,961	94,101
Bank OZK	28,971	1,087,282
BankUnited, Inc.	13,480	479,484
Bankwell Financial Group, Inc.	1,475	45,799
Banner Corp.	5,506	309,492
Bar Harbor Bankshares	3,000	77,580
Barclays PLC	2,735,262	5,114,822
BayCom Corp.	2,719	56,229
BCB Bancorp, Inc.	3,087	52,572
Berkshire Hills Bancorp, Inc.	7,812	193,503
Blue Ridge Bankshares, Inc. (C)	3,343	51,215
BNP Paribas SA	181,338	8,673,752
BOC Hong Kong Holdings, Ltd.	604,241	2,399,425
Brookline Bancorp, Inc.	12,877	171,393
Business First Bancshares, Inc.	4,021	85,688
Byline Bancorp, Inc.	4,104	97,675
Cadence Bank	76,791	1,803,053
CaixaBank SA	723,679	2,534,361
Cambridge Bancorp	1,183	97,834
Camden National Corp.	2,424	106,777
Capital Bancorp, Inc.	2,117	45,939
Capital City Bank Group, Inc.	2,514	70,115
Capstar Financial Holdings, Inc.	4,009	78,657
Carter Bankshares, Inc. (A)	5,199	68,627
Cathay General Bancorp	30,807	1,206,094
CBTX, Inc.	3,449	91,709
Central Pacific Financial Corp.	4,688	100,558
Citigroup, Inc.	219,171	10,079,674
Citizens & Northern Corp.	3,072	74,250
Citizens Financial Group, Inc.	55,222	1,970,873
City Holding Company	2,258	180,369
Civista Bancshares, Inc.	3,092	65,736
CNB Financial Corp.	3,195	77,287
Coastal Financial Corp. (A)	1,956	74,563
Colony Bancorp, Inc.	3,704	55,893
Columbia Banking System, Inc.	13,037	373,510
Comerica, Inc.	15,240	1,118,311
Commerce Bancshares, Inc.	27,602	1,812,071
Commerzbank AG (A)	173,765	1,232,886
Commonwealth Bank of Australia	278,543	17,402,397
Community Bank System, Inc.	8,678	549,144
Community Trust Bancorp, Inc.	2,485	100,493
Concordia Financial Group, Ltd.	177,746	617,162
ConnectOne Bancorp, Inc.	6,398	156,431
Credit Agricole SA	203,299	1,874,205
CrossFirst Bankshares, Inc. (A)	8,077	106,616
Cullen/Frost Bankers, Inc.	14,332	1,668,961
Customers Bancorp, Inc. (A)	5,229	177,263
CVB Financial Corp.	22,240	551,774
Danske Bank A/S	112,592	1,602,489
DBS Group Holdings, Ltd.	295,683	6,326,845

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Dime Community Bancshares, Inc.	5,570	\$ 165,151
DNB Bank ASA	151,844	2,748,917
Eagle Bancorp, Inc.	5,192	246,153
East West Bancorp, Inc.	35,652	2,310,250
Eastern Bankshares, Inc.	26,959	497,663
Enterprise Financial Services Corp.	5,709	236,924
Equity Bancshares, Inc., Class A	2,813	82,027
Erste Group Bank AG	56,127	1,426,258
Esquire Financial Holdings, Inc.	1,523	50,716
Farmers & Merchants Bancorp, Inc. (C)	2,283	75,773
Farmers National Banc Corp.	5,816	87,240
FB Financial Corp.	6,063	237,791
Fifth Third Bancorp	76,618	2,574,365
Financial Institutions, Inc.	2,916	75,874
FinecoBank Banca Fineco SpA	99,557	1,194,342
First Bancorp (North Carolina)	5,893	205,666
First Bancorp (Puerto Rico)	33,094	427,244
First Bank	3,698	51,698
First Busey Corp.	8,655	197,767
First Business Financial Services, Inc.	1,655	51,619
First Commonwealth Financial Corp.	15,519	208,265
First Community Bankshares, Inc.	3,138	92,289
First Financial Bancorp	15,529	301,263
First Financial Bankshares, Inc.	53,990	2,120,187
First Financial Corp.	1,866	83,037
First Foundation, Inc.	8,688	177,930
First Horizon Corp.	134,379	2,937,525
First Internet Bancorp	1,826	67,233
First Interstate BancSystem, Inc., Class A	15,686	597,793
First Merchants Corp.	9,311	331,658
First Mid Bancshares, Inc.	3,239	115,535
First Republic Bank	20,132	2,903,034
First Western Financial, Inc. (A)	1,551	42,172
Flushing Financial Corp.	5,110	108,639
FNB Corp.	84,769	920,591
Fulton Financial Corp.	66,073	954,755
FVCBancorp, Inc. (A)	2,861	53,873
German American Bancorp, Inc.	4,489	153,434
Glacier Bancorp, Inc.	45,825	2,173,022
Great Southern Bancorp, Inc.	1,565	91,646
Guaranty Bancshares, Inc.	1,668	60,465
Hancock Whitney Corp.	36,111	1,600,801
Hang Seng Bank, Ltd.	124,790	2,211,391
Hanmi Financial Corp.	5,361	120,301
HarborOne Bancorp, Inc.	8,200	113,078
Heartland Financial USA, Inc.	6,659	276,615
Heritage Commerce Corp.	10,646	113,806
Heritage Financial Corp.	5,789	145,651
Hilltop Holdings, Inc.	10,170	271,132
Home BancShares, Inc.	79,296	1,646,978
HomeStreet, Inc.	3,140	108,864
HomeTrust Bancshares, Inc.	2,881	72,025
Hope Bancorp, Inc.	19,206	265,811
Horizon Bancorp, Inc.	7,150	124,553
HSBC Holdings PLC	3,305,880	21,595,732
Huntington Bancshares, Inc.	159,026	1,913,083
Independent Bank Corp. (Massachusetts)	7,699	611,532
Independent Bank Corp. (Michigan)	4,030	77,698
Independent Bank Group, Inc.	6,068	412,078
ING Groep NV	637,282	6,278,247
International Bancshares Corp.	22,280	892,982
Intesa Sanpaolo SpA	2,695,976	5,045,435
Israel Discount Bank, Ltd., Class A	201,924	1,057,359
Japan Post Bank Company, Ltd.	67,300	523,962
John Marshall Bancorp, Inc.	2,283	51,459

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
JPMorgan Chase & Co.	331,946	\$ 37,380,439
KBC Group NV	40,830	2,297,136
KeyCorp	108,317	1,866,302
Lakeland Bancorp, Inc.	10,589	154,811
Lakeland Financial Corp.	4,031	267,739
Live Oak Bancshares, Inc.	5,638	191,072
Lloyds Banking Group PLC	11,588,437	5,962,327
M&T Bank Corp.	20,243	3,226,532
Macatawa Bank Corp.	7,312	64,638
Mediobanca Banca di Credito Finanziario SpA	98,805	856,899
Mercantile Bank Corp.	2,880	92,016
Meta Financial Group, Inc.	4,999	193,311
Metrocity Bankshares, Inc.	3,582	72,750
Metropolitan Bank Holding Corp. (A)	1,781	123,637
Mid Penn Bancorp, Inc.	2,862	77,188
Midland States Bancorp, Inc.	3,803	91,424
MidWestOne Financial Group, Inc.	2,660	79,055
Mitsubishi UFJ Financial Group, Inc.	1,951,268	10,439,377
Mizrahi Tefahot Bank, Ltd.	25,121	836,292
Mizuho Financial Group, Inc.	393,750	4,482,810
MVB Financial Corp.	2,007	62,438
National Australia Bank, Ltd.	527,867	10,009,858
National Bank Holdings Corp., Class A	4,805	183,887
NatWest Group PLC	917,272	2,441,559
NBT Bancorp, Inc.	6,673	250,838
Nicolet Bankshares, Inc. (A)	2,022	146,271
Nordea Bank ABP (Nasdaq Stockholm Exchange)	540,151	4,771,434
Northeast Bank	1,403	51,252
Northwest Bancshares, Inc.	19,815	253,632
OceanFirst Financial Corp.	9,564	182,959
OFG Bancorp	8,006	203,352
Old National Bancorp	122,021	1,804,691
Old Second Bancorp, Inc.	7,712	103,187
Origin Bancorp, Inc.	3,874	150,311
Ortstown Financial Services, Inc.	2,462	59,507
Oversea-Chinese Banking Corp., Ltd.	552,724	4,534,020
Pacific Premier Bancorp, Inc.	15,676	458,366
PacWest Bancorp	29,507	786,657
Park National Corp.	2,251	272,934
Parke Bancorp, Inc.	2,199	46,091
PCB Bancorp	2,941	54,938
Peapack-Gladstone Financial Corp.	3,147	93,466
Peoples Bancorp, Inc.	4,725	125,685
Peoples Financial Services Corp.	1,343	74,993
Pinnacle Financial Partners, Inc.	19,190	1,387,629
Preferred Bank	2,304	156,718
Premier Financial Corp.	6,207	157,347
Primis Financial Corp.	4,977	67,837
Professional Holding Corp., Class A (A)	2,579	51,709
Prosperity Bancshares, Inc.	23,159	1,581,065
QCR Holdings, Inc.	2,728	147,285
RBB Bancorp	2,949	60,956
Red River Bancshares, Inc.	916	49,537
Regions Financial Corp.	104,263	1,954,931
Renasant Corp.	9,069	261,278
Republic Bancorp, Inc., Class A	1,564	75,463
Republic First Bancorp, Inc. (A)	10,501	40,009
Resona Holdings, Inc.	352,746	1,319,451
S&T Bancorp, Inc.	6,365	174,592
Sandy Spring Bancorp, Inc.	7,272	284,117
Seacoast Banking Corp. of Florida	10,163	335,786
ServisFirst Bancshares, Inc.	8,370	660,560
Shore Bancshares, Inc.	3,621	66,989

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Sierra Bancorp	3,014	\$ 65,494
Signature Bank	7,315	1,310,921
Silvergate Capital Corp., Class A (A)	5,344	286,064
Simmons First National Corp., Class A	20,439	434,533
Skandinaviska Enskilda Banken AB, A Shares	265,668	2,617,318
SmartFinancial, Inc.	2,965	71,634
Societe Generale SA	129,816	2,870,192
South Plains Financial, Inc.	2,108	50,887
Southern First Bancshares, Inc. (A)	1,562	68,088
Southside Bancshares, Inc.	4,855	181,674
SouthState Corp.	12,486	963,295
Standard Chartered PLC	425,604	3,213,051
Stock Yards Bancorp, Inc.	4,814	287,973
Sumitomo Mitsui Financial Group, Inc.	213,158	6,336,142
Sumitomo Mitsui Trust Holdings, Inc.	55,183	1,705,484
SVB Financial Group (A)	6,593	2,604,169
Svenska Handelsbanken AB, A Shares	238,092	2,043,759
Swedbank AB, A Shares	147,827	1,874,830
Synovus Financial Corp.	36,515	1,316,366
Texas Capital Bancshares, Inc. (A)	21,308	1,121,653
The Bancorp, Inc. (A)	9,620	187,782
The Bank of NT Butterfield & Son, Ltd.	8,424	262,745
The Chiba Bank, Ltd.	86,564	473,825
The First Bancshares, Inc.	3,513	100,472
The First of Long Island Corp.	4,603	80,691
The PNC Financial Services Group, Inc.	46,755	7,376,536
The Shizuoka Bank, Ltd.	72,908	438,969
Third Coast Bancshares, Inc. (A)	2,644	57,904
Tompkins Financial Corp.	2,166	156,169
Towne Bank	11,022	299,247
TriCo Bancshares	5,251	239,656
Triumph Bancorp, Inc. (A)	4,105	256,809
Truist Financial Corp.	150,345	7,130,863
Trustmark Corp.	10,049	293,330
U.S. Bancorp	152,715	7,027,944
UMB Financial Corp.	18,007	1,550,403
Umpqua Holdings Corp.	54,529	914,451
UniCredit SpA	345,214	3,298,983
United Bankshares, Inc.	56,239	1,972,302
United Community Banks, Inc.	17,746	535,752
United Overseas Bank, Ltd.	192,639	3,639,359
Unity Bancorp, Inc.	1,624	43,004
Univest Financial Corp.	5,119	130,227
Valley National Bancorp	178,426	1,857,415
Veritex Holdings, Inc.	8,803	257,576
Washington Federal, Inc.	26,711	801,864
Washington Trust Bancorp, Inc.	2,895	140,031
Webster Financial Corp.	44,745	1,886,002
Wells Fargo & Company	428,201	16,772,633
WesBanco, Inc.	9,390	297,757
West BanCorp, Inc.	3,265	79,470
Westamerica BanCorp	4,071	226,592
Westpac Banking Corp.	571,508	7,709,021
Wintrust Financial Corp.	14,388	1,153,198
Zions Bancorp NA	17,681	899,963
		402,572,454
<b>Capital markets – 2.6%</b>		
3i Group PLC	158,867	2,153,255
abrdn PLC	355,981	694,859
Affiliated Managers Group, Inc.	9,716	1,132,886
Ameriprise Financial, Inc.	12,465	2,962,681
Amundi SA (B)	9,945	547,542
Artisan Partners Asset Management, Inc., Class A	10,145	360,858

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets (continued)</b>		
AssetMark Financial Holdings, Inc. (A)	3,729	\$ 69,993
ASX, Ltd.	31,602	1,786,290
B. Riley Financial, Inc.	3,470	146,608
BGC Partners, Inc., Class A	55,463	186,910
BlackRock, Inc.	16,095	9,802,499
Blucora, Inc. (A)	8,180	151,003
BrightSphere Investment Group, Inc.	5,496	98,983
Cboe Global Markets, Inc.	12,436	1,407,631
CME Group, Inc.	40,625	8,315,938
Cohen & Steers, Inc.	4,284	272,420
Cowen, Inc., Class A	4,512	106,889
Credit Suisse Group AG	432,698	2,469,774
Daiwa Securities Group, Inc.	221,908	993,622
Deutsche Bank AG	337,371	2,964,714
Deutsche Boerse AG	31,015	5,208,246
Diamond Hill Investment Group, Inc.	532	92,376
Donnelley Financial Solutions, Inc. (A)	4,795	140,446
Ellington Financial, Inc.	9,635	141,345
EQT AB	48,299	992,691
Euronext NV (B)	13,987	1,147,113
Evercore, Inc., Class A	10,199	954,728
FactSet Research Systems, Inc.	4,408	1,695,185
Federated Hermes, Inc.	37,830	1,202,616
Focus Financial Partners, Inc., Class A (A)	9,838	335,082
Franklin Resources, Inc.	32,790	764,335
Futu Holdings, Ltd., ADR (A)(C)	9,700	506,437
GCM Grosvenor, Inc., Class A	8,075	55,314
Hamilton Lane, Inc., Class A	5,971	401,132
Hargreaves Lansdown PLC	58,069	560,276
Hong Kong Exchanges & Clearing, Ltd.	196,571	9,721,662
Houlihan Lokey, Inc.	8,558	675,483
Interactive Brokers Group, Inc., Class A	21,971	1,208,625
Intercontinental Exchange, Inc.	63,075	5,931,573
Invesco, Ltd.	39,799	641,958
Janus Henderson Group PLC	42,154	991,041
Japan Exchange Group, Inc.	82,000	1,188,559
Jefferies Financial Group, Inc.	48,137	1,329,544
Julius Baer Group, Ltd.	36,112	1,675,238
London Stock Exchange Group PLC	53,713	5,012,049
Macquarie Group, Ltd.	59,494	6,773,743
Manning & Napier, Inc.	3,247	40,490
MarketAxess Holdings, Inc.	4,434	1,135,148
Moelis & Company, Class A	10,839	426,515
Moody's Corp.	18,129	4,930,544
Morgan Stanley	158,170	12,030,410
MSCI, Inc.	9,159	3,774,882
Nasdaq, Inc.	12,928	1,972,037
Nomura Holdings, Inc.	475,013	1,725,771
Northern Trust Corp.	23,067	2,225,504
Open Lending Corp., Class A (A)	18,135	185,521
Oppenheimer Holdings, Inc., Class A	1,601	52,897
Partners Group Holding AG	3,705	3,345,974
Perella Weinberg Partners	8,617	50,237
Piper Sandler Companies	2,918	330,784
PJT Partners, Inc., Class A	4,022	282,666
Raymond James Financial, Inc.	21,788	1,948,065
S&P Global, Inc.	39,231	13,223,201
SBI Holdings, Inc.	39,990	781,389
Schroders PLC	20,292	662,884
Sculptor Capital Management, Inc.	4,952	41,349
SEI Investments Company	26,209	1,415,810
Silvercrest Asset Management Group, Inc., Class A	2,118	34,756
Singapore Exchange, Ltd.	139,948	953,455
St. James's Place PLC	88,259	1,187,554

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets (continued)</b>		
State Street Corp.	40,985	\$ 2,526,725
StepStone Group, Inc., Class A	9,037	235,233
Stifel Financial Corp.	26,776	1,499,992
StoneX Group, Inc. (A)	2,923	228,199
T. Rowe Price Group, Inc.	25,664	2,915,687
The Bank of New York Mellon Corp.	83,687	3,490,585
The Charles Schwab Corp.	170,446	10,768,778
The Goldman Sachs Group, Inc.	38,838	11,535,663
UBS Group AG	574,148	9,282,096
Victory Capital Holdings, Inc., Class A	2,813	67,793
Virtus Investment Partners, Inc.	1,196	204,540
WisdomTree Investments, Inc.	23,754	120,433
		181,605,719
<b>Consumer finance – 0.4%</b>		
American Express Company	68,938	9,556,186
Capital One Financial Corp.	44,410	4,627,078
Discover Financial Services	31,758	3,003,672
Encore Capital Group, Inc. (A)	4,058	234,431
Enova International, Inc. (A)	5,466	157,530
EZCORP, Inc., Class A (A)	9,174	68,897
FirstCash Holdings, Inc.	16,437	1,142,536
Green Dot Corp., Class A (A)	8,328	209,116
LendingClub Corp. (A)	17,330	202,588
LendingTree, Inc. (A)	1,839	80,585
Moneylion, Inc. (A)	28,222	37,253
Navient Corp.	56,933	796,493
Nelnet, Inc., Class A	2,494	212,614
NerdWallet, Inc., Class A (A)	4,766	37,794
Oportun Financial Corp. (A)	5,253	43,442
PRA Group, Inc. (A)	6,758	245,721
PROG Holdings, Inc. (A)	9,219	152,114
Regional Management Corp.	1,462	54,635
SLM Corp.	67,636	1,078,118
Synchrony Financial	56,627	1,564,038
World Acceptance Corp. (A)	728	81,711
		23,586,552
<b>Diversified financial services – 1.1%</b>		
Alerus Financial Corp.	2,712	64,573
A-Mark Precious Metals, Inc.	3,062	98,750
Banco Latinoamericano de Comercio Exterior SA, Class E	5,533	73,423
Berkshire Hathaway, Inc., Class B (A)	204,508	55,834,774
Cannae Holdings, Inc. (A)	12,851	248,538
Compass Diversified Holdings	10,342	221,526
Eurazeo SE	7,113	441,889
EXOR NV	17,703	1,106,260
Groupe Bruxelles Lambert SA	16,590	1,390,730
Industrivarden AB, A Shares	21,283	481,143
Industrivarden AB, C Shares (C)	25,140	561,987
Investor AB, A Shares	81,406	1,466,188
Investor AB, B Shares	297,405	4,904,732
Jackson Financial, Inc., Class A	12,709	339,966
Kinnevik AB, B Shares (A)	39,528	639,808
L.E. Lundbergforetagen AB, B Shares	12,406	505,876
Lundin Energy MergerCo AB (A)(C)(D)	32,671	1,267,940
M&G PLC	424,398	1,006,129
Mitsubishi HC Capital, Inc.	107,796	497,519
ORIX Corp.	195,083	3,269,559
Sofina SA	2,516	515,733
Voya Financial, Inc.	25,670	1,528,135
Wendel SE	4,383	367,352
		76,832,530
<b>Insurance – 3.2%</b>		
Admiral Group PLC	29,339	803,306

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
Aegon NV	292,253	\$ 1,258,626
Aflac, Inc.	67,132	3,714,414
Ageas SA/NV	26,506	1,168,718
AIA Group, Ltd.	1,974,735	21,577,069
Alleghany Corp. (A)	3,380	2,815,878
Allianz SE	66,675	12,782,275
Ambac Financial Group, Inc. (A)	8,206	93,138
American Equity Investment Life Holding Company	13,090	478,701
American Financial Group, Inc.	16,677	2,314,934
American International Group, Inc.	89,451	4,573,630
AMERISAFE, Inc.	3,326	172,985
Aon PLC, Class A	24,008	6,474,477
Argo Group International Holdings, Ltd.	5,427	200,039
Arthur J. Gallagher & Company	23,600	3,847,744
Assicurazioni Generali SpA	180,660	2,885,640
Assurant, Inc.	6,019	1,040,384
Aviva PLC	461,827	2,262,151
AXA SA	316,229	7,223,154
Baloise Holding AG	7,476	1,223,771
Bright Health Group, Inc. (A)(C)	35,300	64,246
Brighthouse Financial, Inc. (A)	18,816	771,832
Brown & Brown, Inc.	27,343	1,595,191
BRP Group, Inc., Class A (A)	10,088	243,625
Chubb, Ltd.	47,916	9,419,327
Cincinnati Financial Corp.	16,555	1,969,714
CNO Financial Group, Inc.	48,417	875,864
Dai-ichi Life Holdings, Inc.	164,137	3,035,776
Donegal Group, Inc., Class A	3,273	55,805
eHealth, Inc. (A)	4,471	41,714
Employers Holdings, Inc.	4,711	197,344
Enstar Group, Ltd. (A)	1,934	413,837
Everest Re Group, Ltd.	4,591	1,286,765
First American Financial Corp.	26,984	1,427,993
Genworth Financial, Inc., Class A (A)	85,534	301,935
Gjensidige Forsikring ASA	32,647	664,579
Globe Life, Inc.	9,672	942,730
Goosehead Insurance, Inc., Class A	3,300	150,711
Greenlight Capital Re, Ltd., Class A (A)	6,198	47,911
Hannover Rueck SE	9,843	1,435,648
HCI Group, Inc.	1,281	86,801
Horace Mann Educators Corp.	6,980	267,892
Insurance Australia Group, Ltd.	402,392	1,213,434
James River Group Holdings, Ltd.	6,404	158,691
Japan Post Holdings Company, Ltd.	399,800	2,860,537
Japan Post Insurance Company, Ltd.	32,600	521,754
Kemper Corp.	15,067	721,709
Kinsale Capital Group, Inc.	9,072	2,083,294
Legal & General Group PLC	974,588	2,849,279
Lemonade, Inc. (A)(C)	6,972	127,309
Lincoln National Corp.	17,218	805,286
Loews Corp.	21,028	1,246,119
Marsh & McLennan Companies, Inc.	56,748	8,810,127
MBIA, Inc. (A)	8,662	106,976
Medibank Private, Ltd.	449,552	1,011,122
Mercury General Corp.	11,216	496,869
MetLife, Inc.	78,268	4,914,448
MS&AD Insurance Group Holdings, Inc.	72,651	2,227,725
Muenchener Rueckversicherungs-Gesellschaft AG	22,869	5,409,601
National Western Life Group, Inc., Class A	373	75,607
NN Group NV	46,700	2,115,176
Old Republic International Corp.	72,034	1,610,680
Oscar Health, Inc., Class A (A)	20,619	87,631
Palomar Holdings, Inc. (A)	4,122	265,457

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
Phoenix Group Holdings PLC	122,371	\$ 881,627
Poste Italiane SpA (B)	85,281	797,930
Primerica, Inc.	9,668	1,157,163
Principal Financial Group, Inc.	26,614	1,777,549
ProAssurance Corp.	9,360	221,177
Prudential Financial, Inc.	42,360	4,053,005
Prudential PLC	448,312	5,576,657
QBE Insurance Group, Ltd.	241,591	2,030,059
Reinsurance Group of America, Inc.	16,830	1,973,991
RenaissanceRe Holdings, Ltd.	11,102	1,736,020
RLI Corp.	16,596	1,934,928
Root, Inc., Class A (A)	26,508	31,545
Safety Insurance Group, Inc.	2,424	235,370
Sampo OYJ, A Shares	81,411	3,557,751
Selective Insurance Group, Inc.	25,230	2,193,496
Selectquote, Inc. (A)	23,785	58,987
SiriusPoint, Ltd. (A)	17,189	93,164
Sompo Holdings, Inc.	51,091	2,256,584
Stewart Information Services Corp.	4,541	225,915
Suncorp Group, Ltd.	206,102	1,571,682
Swiss Life Holding AG	5,147	2,512,598
Swiss Re AG	49,236	3,821,599
T&D Holdings, Inc.	86,525	1,035,752
The Allstate Corp.	31,061	3,936,361
The Hanover Insurance Group, Inc.	8,941	1,307,621
The Hartford Financial Services Group, Inc.	37,082	2,426,275
The Progressive Corp.	66,126	7,688,470
The Travelers Companies, Inc.	27,144	4,590,865
Tiptree, Inc.	4,842	51,422
Tokio Marine Holdings, Inc.	102,485	5,976,099
Trupanion, Inc. (A)	6,639	400,066
Tryg A/S	58,775	1,324,195
United Fire Group, Inc.	3,797	129,971
Universal Insurance Holdings, Inc.	5,041	65,684
Unum Group	50,522	1,718,758
W.R. Berkley Corp.	24,429	1,667,524
Willis Towers Watson PLC	12,587	2,484,548
Zurich Insurance Group AG	24,560	10,709,960
		226,139,473
<b>Mortgage real estate investment trusts – 0.1%</b>		
AFC Gamma, Inc.	3,177	48,703
Apollo Commercial Real Estate Finance, Inc.	23,320	243,461
Arbor Realty Trust, Inc.	26,172	343,115
Ares Commercial Real Estate Corp.	7,403	90,539
ARMOUR Residential REIT, Inc.	17,490	123,130
Blackstone Mortgage Trust, Inc., Class A	28,185	779,879
BrightSpire Capital, Inc.	16,641	125,640
Broadmark Realty Capital, Inc.	22,001	147,627
Chimera Investment Corp.	39,968	352,518
Claros Mortgage Trust, Inc. (C)	15,555	260,546
Dynex Capital, Inc.	5,857	93,243
Franklin BSP Realty Trust, Inc.	14,230	191,820
Granite Point Mortgage Trust, Inc.	9,452	90,456
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	14,405	545,373
Invesco Mortgage Capital, Inc.	6,138	90,106
KKR Real Estate Finance Trust, Inc.	8,119	141,677
Ladder Capital Corp.	19,327	203,707
MFA Financial, Inc.	17,622	189,437
New York Mortgage Trust, Inc.	65,768	181,520
Orchid Island Capital, Inc.	31,362	89,382
PennyMac Mortgage Investment Trust	15,269	211,170
Ready Capital Corp.	12,540	149,477

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Mortgage real estate investment trusts (continued)</b>		
Redwood Trust, Inc.	20,191	\$ 155,673
TPG RE Finance Trust, Inc.	12,020	108,300
Two Harbors Investment Corp.	58,295	290,309
		5,246,808
<b>Thrifts and mortgage finance – 0.1%</b>		
Axos Financial, Inc. (A)	9,665	346,490
Blue Foundry Bancorp (A)	5,761	69,074
Bridgewater Bancshares, Inc. (A)	4,089	65,996
Capitol Federal Financial, Inc.	22,010	202,052
Columbia Financial, Inc. (A)	5,784	126,149
Enact Holdings, Inc. (C)	5,157	110,772
Essent Group, Ltd.	44,780	1,741,942
Federal Agricultural Mortgage Corp., Class C	1,555	151,846
Flagstar Bancorp, Inc.	8,532	302,459
Home Bancorp, Inc.	1,546	52,765
Kearny Financial Corp.	10,827	120,288
Luther Burbank Corp.	2,979	38,876
Merchants Bancorp	2,811	63,725
MGIC Investment Corp.	77,782	980,053
Mr. Cooper Group, Inc. (A)	12,276	451,020
New York Community Bancorp, Inc.	117,337	1,071,287
NMI Holdings, Inc., Class A (A)	14,484	241,159
Northfield Bancorp, Inc.	8,125	105,869
PCSB Financial Corp.	2,871	54,807
PennyMac Financial Services, Inc.	4,968	217,151
Provident Bancorp, Inc.	3,276	51,433
Provident Financial Services, Inc.	12,204	271,661
Radian Group, Inc.	29,152	572,837
Southern Missouri Bancorp, Inc.	1,572	71,149
The Hingham Institution for Savings	251	71,226
TrustCo Bank Corp. NY	3,281	101,186
Walker & Dunlop, Inc.	5,204	501,353
Waterstone Financial, Inc.	4,498	76,691
WSFS Financial Corp.	10,738	430,486
		8,661,802
		924,645,338
<b>Health care – 13.8%</b>		
<b>Biotechnology – 2.0%</b>		
2seventy bio, Inc. (A)	6,706	88,519
4D Molecular Therapeutics, Inc. (A)	5,647	39,416
Aadi Bioscience, Inc. (A)	2,759	33,991
AbbVie, Inc.	199,698	30,585,746
ACADIA Pharmaceuticals, Inc. (A)	20,490	288,704
Achillion Pharmaceuticals, Inc. (A)(D)	23,194	34,879
Adicet Bio, Inc. (A)(C)	5,074	74,080
ADMA Biologics, Inc. (A)	33,381	66,094
Aduro Biotech, Inc. (A)(D)	2,435	5,065
Affimed NV (A)	25,420	70,413
Agenus, Inc. (A)	48,151	93,413
Agios Pharmaceuticals, Inc. (A)	9,406	208,531
Akero Therapeutics, Inc. (A)	5,265	49,754
Albireo Pharma, Inc. (A)	3,063	60,831
Alectro, Inc. (A)	10,790	109,626
Alkermes PLC (A)	27,469	818,302
Allogene Therapeutics, Inc. (A)(C)	13,705	156,237
Amgen, Inc.	60,351	14,683,398
Amicus Therapeutics, Inc. (A)	46,789	502,514
AnaptysBio, Inc. (A)	3,543	71,923
Anavex Life Sciences Corp. (A)	11,839	118,508
Anika Therapeutics, Inc. (A)	2,783	62,117
Apellis Pharmaceuticals, Inc. (A)	15,391	695,981
Arbutus Biopharma Corp. (A)	19,721	53,444

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Arcturus Therapeutics Holdings, Inc. (A)(C)	4,171	\$ 65,652
Arcus Biosciences, Inc. (A)	8,745	221,598
Arcutis Biotherapeutics, Inc. (A)(C)	6,011	128,094
Argenx SE (A)	7,899	2,977,554
Arrowhead Pharmaceuticals, Inc. (A)	44,012	1,549,663
Atara Biotherapeutics, Inc. (A)	16,083	125,287
Aura Biosciences, Inc. (A)	3,412	48,348
Aurinia Pharmaceuticals, Inc. (A)	22,844	229,582
Avid Bioservices, Inc. (A)	10,527	160,642
Avidity Biosciences, Inc. (A)	8,554	124,290
Beam Therapeutics, Inc. (A)	10,787	417,565
BioCryst Pharmaceuticals, Inc. (A)	31,506	333,333
Biogen, Inc. (A)	16,513	3,367,661
Biohaven Pharmaceutical Holding Company, Ltd. (A)	10,514	1,531,995
Bioexcel Therapeutics, Inc. (A)(C)	3,576	47,203
Bluebird Bio, Inc. (A)	13,441	55,646
Blueprint Medicines Corp. (A)	10,107	510,505
Bridgebio Pharma, Inc. (A)	17,921	162,723
C4 Therapeutics, Inc. (A)(C)	7,757	58,488
CareDx, Inc. (A)	8,711	187,112
Caribou Biosciences, Inc. (A)(C)	9,816	53,301
Catalyst Pharmaceuticals, Inc. (A)	16,492	115,609
Celldex Therapeutics, Inc. (A)	7,930	213,793
Century Therapeutics, Inc. (A)	3,831	32,180
Cerevel Therapeutics Holdings, Inc. (A)	9,291	245,654
ChemoCentryx, Inc. (A)	10,754	266,484
Chinook Therapeutics, Inc. (A)	7,551	132,067
Cogent Biosciences, Inc. (A)	7,918	71,420
Coherus Biosciences, Inc. (A)	12,889	93,316
Crinetics Pharmaceuticals, Inc. (A)	9,071	169,174
CSL, Ltd. (C)	78,631	14,599,803
CTI BioPharma Corp. (A)(C)	16,176	96,571
Cullinan Oncology, Inc. (A)(C)	5,224	66,972
Cytokinetics, Inc. (A)	13,892	545,817
Day One Biopharmaceuticals, Inc. (A)	4,253	76,129
Deciphera Pharmaceuticals, Inc. (A)	7,830	102,965
Denali Therapeutics, Inc. (A)	16,758	493,188
Design Therapeutics, Inc. (A)	5,925	82,950
Dynavax Technologies Corp. (A)	20,102	253,084
Dyne Therapeutics, Inc. (A)	6,280	43,144
Eagle Pharmaceuticals, Inc. (A)	1,756	78,019
Editas Medicine, Inc. (A)	12,002	141,984
Eiger BioPharmaceuticals, Inc. (A)	7,713	48,592
Emergent BioSolutions, Inc. (A)	8,538	265,020
Enanta Pharmaceuticals, Inc. (A)	3,384	159,962
EQRx, Inc. (A)	23,461	110,032
Erasca, Inc. (A)(C)	11,834	65,915
Exelixis, Inc. (A)	80,581	1,677,696
Fate Therapeutics, Inc. (A)	14,132	350,191
FibroGen, Inc. (A)	15,167	160,164
Foghorn Therapeutics, Inc. (A)	3,601	48,974
Forma Therapeutics Holdings, Inc. (A)	6,894	47,500
Generation Bio Company (A)	8,357	54,822
Genmab A/S (A)	10,730	3,481,293
Geron Corp. (A)(C)	64,206	99,519
Gilead Sciences, Inc.	141,640	8,754,768
Global Blood Therapeutics, Inc. (A)	10,634	339,756
Gossamer Bio, Inc. (A)	11,210	93,828
Grifols SA (A)	48,691	923,394
Halozyne Therapeutics, Inc. (A)	57,537	2,531,628
Heron Therapeutics, Inc. (A)(C)	18,702	52,179
Ideaya Biosciences, Inc. (A)(C)	6,294	86,857
IGM Biosciences, Inc. (A)(C)	1,817	32,761

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Imago Biosciences, Inc. (A)(C)	4,771	\$ 63,884
ImmunityBio, Inc. (A)(C)	14,536	54,074
ImmunoGen, Inc. (A)	36,945	166,253
Incyte Corp. (A)	21,938	1,666,630
Inhibrx, Inc. (A)	5,332	60,518
Inovio Pharmaceuticals, Inc. (A)(C)	38,844	67,200
Insmed, Inc. (A)	20,291	400,139
Instil Bio, Inc. (A)	12,552	57,990
Intellia Therapeutics, Inc. (A)	12,775	661,234
Intercept Pharmaceuticals, Inc. (A)(C)	4,284	59,162
Iovance Biotherapeutics, Inc. (A)	25,857	285,461
Ironwood Pharmaceuticals, Inc. (A)	22,879	263,795
iTeos Therapeutics, Inc. (A)	4,088	84,213
IVERIC bio, Inc. (A)	20,033	192,717
Janux Therapeutics, Inc. (A)(C)	3,209	39,182
KalVista Pharmaceuticals, Inc. (A)	4,554	44,811
Karuna Therapeutics, Inc. (A)	4,456	563,729
Karyopharm Therapeutics, Inc. (A)(C)	13,544	61,083
Keros Therapeutics, Inc. (A)	2,938	81,177
Kezar Life Sciences, Inc. (A)	8,488	70,196
Kiniksa Pharmaceuticals, Ltd., Class A (A)	5,698	55,214
Kinnate Biopharma, Inc. (A)	5,230	65,950
Kodiak Sciences, Inc. (A)	5,981	45,695
Krystal Biotech, Inc. (A)	3,576	234,800
Kura Oncology, Inc. (A)	10,926	200,274
Kymera Therapeutics, Inc. (A)	6,563	129,225
Ligand Pharmaceuticals, Inc. (A)	2,552	227,689
Lyell Immunopharma, Inc. (A)(C)	29,587	192,907
MacroGenics, Inc. (A)	11,927	35,185
Madrigal Pharmaceuticals, Inc. (A)	2,181	156,116
MannKind Corp. (A)(C)	42,651	162,500
MeiraGTx Holdings PLC (A)	5,723	43,323
Mersana Therapeutics, Inc. (A)	15,751	72,770
MiMedx Group, Inc. (A)(C)	20,302	70,448
Mirum Pharmaceuticals, Inc. (A)	2,773	53,963
Moderna, Inc. (A)	39,100	5,585,435
Monte Rosa Therapeutics, Inc. (A)(C)	5,543	53,601
Morphic Holding, Inc. (A)	4,523	98,149
Myriad Genetics, Inc. (A)	13,655	248,111
Neurocrine Biosciences, Inc. (A)	24,012	2,340,690
Nkarta, Inc. (A)(C)	5,675	69,916
Nurix Therapeutics, Inc. (A)	7,848	99,434
Nuvalent, Inc., Class A (A)(C)	3,249	44,056
Ocugen, Inc. (A)(C)	38,227	86,775
Organogenesis Holdings, Inc. (A)	12,920	63,050
PDL BioPharma, Inc. (A)(C)(D)	23,030	18,194
PMV Pharmaceuticals, Inc. (A)	6,463	92,098
Point Biopharma Global, Inc. (A)	12,908	87,903
Progenics Pharmaceuticals, Inc. (A)(D)	15,140	16,026
Prometheus Biosciences, Inc. (A)	5,029	141,969
Protagonist Therapeutics, Inc. (A)	8,198	64,846
Prothena Corp. PLC (A)	6,140	166,701
PTC Therapeutics, Inc. (A)	11,896	476,554
Radius Health, Inc. (A)	8,191	84,941
RAPT Therapeutics, Inc. (A)	4,594	83,841
Recursion Pharmaceuticals, Inc., Class A (A)(C)	23,099	188,026
Regeneron Pharmaceuticals, Inc. (A)	12,211	7,218,288
REGENXBIO, Inc. (A)	6,895	170,307
Relay Therapeutics, Inc. (A)	13,076	219,023
Replimune Group, Inc. (A)	5,240	91,595
REVOLUTION Medicines, Inc. (A)	10,834	211,155
Rigel Pharmaceuticals, Inc. (A)	31,224	35,283
Rocket Pharmaceuticals, Inc. (A)	7,656	105,347
Sage Therapeutics, Inc. (A)	8,879	286,792

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Sana Biotechnology, Inc. (A)(C)	15,386	\$ 98,932
Sangamo Therapeutics, Inc. (A)	21,893	90,637
Seres Therapeutics, Inc. (A)	13,697	46,981
Sierra Oncology, Inc. (A)	2,502	137,585
Sorrento Therapeutics, Inc. (A)(C)	65,232	131,116
SpringWorks Therapeutics, Inc. (A)	5,993	147,548
Stoke Therapeutics, Inc. (A)	4,141	54,703
Sutro Biopharma, Inc. (A)	8,902	46,379
Swedish Orphan Biovitrum AB (A)	27,573	598,891
Syndax Pharmaceuticals, Inc. (A)	8,886	170,967
Talaris Therapeutics, Inc. (A)	4,278	19,294
Tango Therapeutics, Inc. (A)(C)	8,891	40,276
TG Therapeutics, Inc. (A)	23,223	98,698
Traverse Therapeutics, Inc. (A)	10,371	251,289
Turning Point Therapeutics, Inc. (A)	7,753	583,413
Twist Bioscience Corp. (A)	9,520	332,819
United Therapeutics Corp. (A)	11,381	2,681,819
Vanda Pharmaceuticals, Inc. (A)	9,588	104,509
Vaxart, Inc. (A)(C)	21,892	76,622
Vaxcyte, Inc. (A)	8,965	195,078
Vera Therapeutics, Inc. (A)	2,555	34,774
Veracyte, Inc. (A)	12,270	244,173
Vericel Corp. (A)	8,083	203,530
Vertex Pharmaceuticals, Inc. (A)	28,898	8,143,167
Verve Therapeutics, Inc. (A)(C)	6,508	99,442
Vir Biotechnology, Inc. (A)	12,248	311,957
Viridian Therapeutics, Inc. (A)	4,674	54,078
VistaGen Therapeutics, Inc. (A)(C)	36,363	31,999
Xencor, Inc. (A)	9,800	268,226
Y-mAbs Therapeutics, Inc. (A)	6,416	97,074
Zentalis Pharmaceuticals, Inc. (A)	6,621	186,050
		139,352,541
<b>Health care equipment and supplies – 2.4%</b>		
Abbott Laboratories	197,935	21,505,638
ABIOMED, Inc. (A)	5,308	1,313,783
Alcon, Inc.	81,569	5,719,743
Align Technology, Inc. (A)	8,108	1,918,920
Alphatec Holdings, Inc. (A)	12,443	81,377
AngioDynamics, Inc. (A)	6,399	123,821
Artivion, Inc. (A)	6,790	128,195
Asahi Intecc Company, Ltd. (C)	35,500	537,502
AtriCure, Inc. (A)	7,739	316,216
Atrion Corp.	223	140,236
Avanos Medical, Inc. (A)	7,926	216,697
Axogen, Inc. (A)	7,256	59,427
Axonics, Inc. (A)	7,940	449,960
Baxter International, Inc.	56,792	3,647,750
Becton, Dickinson and Company	32,261	7,953,304
BioLife Solutions, Inc. (A)	5,982	82,611
BioMerieux	6,762	663,044
Bioventus, Inc., Class A (A)	5,698	38,860
Boston Scientific Corp. (A)	161,632	6,024,025
Butterfly Network, Inc. (A)(C)	23,658	72,630
Cardiovascular Systems, Inc. (A)	7,121	102,258
Carl Zeiss Meditec AG, Bearer Shares	6,570	789,907
Cerus Corp. (A)	29,825	157,774
Cochlear, Ltd.	10,737	1,474,111
Coloplast A/S, B Shares	19,392	2,215,723
CONMED Corp.	4,724	452,370
CryoPort, Inc. (A)	7,627	236,284
Cue Health, Inc. (A)(C)	18,755	60,016
Cutera, Inc. (A)	2,855	107,063
Demant A/S (A)	15,679	589,396
Dentsply Sirona, Inc.	25,493	910,865
DexCom, Inc. (A)	43,694	3,256,514

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
DiaSorin SpA	4,110	\$ 540,508
Edwards Lifesciences Corp. (A)	70,313	6,686,063
Embecta Corp. (A)	9,740	246,617
Enovis Corp. (A)	11,810	649,550
Envista Holdings Corp. (A)	40,855	1,574,552
Figs, Inc., Class A (A)	21,717	197,842
Fisher & Paykel Healthcare Corp., Ltd.	94,207	1,173,602
Getinge AB, B Shares	37,338	865,359
Glaukos Corp. (A)	7,787	353,686
Globus Medical, Inc., Class A (A)	19,922	1,118,421
GN Store Nord A/S	21,427	755,884
Haemonetics Corp. (A)	21,377	1,393,353
Heska Corp. (A)	1,658	156,698
Hologic, Inc. (A)	27,567	1,910,393
Hoya Corp.	60,307	5,161,248
ICU Medical, Inc. (A)	5,043	829,019
IDEXX Laboratories, Inc. (A)	9,492	3,329,129
Inari Medical, Inc. (A)	16,697	1,135,229
Inogen, Inc. (A)	4,044	97,784
Integer Holdings Corp. (A)	5,500	388,630
Integra LifeSciences Holdings Corp. (A)	17,962	970,487
Intuitive Surgical, Inc. (A)	40,573	8,143,407
iRadimed Corp.	1,317	44,699
iRhythm Technologies, Inc. (A)	5,047	545,227
Koninklijke Philips NV	144,284	3,094,679
Lantheus Holdings, Inc. (A)	11,535	761,656
LeMaitre Vascular, Inc.	3,325	151,454
LivaNova PLC (A)	22,490	1,404,950
Masimo Corp. (A)	12,829	1,676,365
Medtronic PLC	151,648	13,610,408
Meridian Bioscience, Inc. (A)	7,317	222,583
Merit Medical Systems, Inc. (A)	9,398	510,029
Mesa Laboratories, Inc.	837	170,698
Nano-X Imaging, Ltd. (A)(C)	7,326	82,784
Natus Medical, Inc. (A)	5,771	189,116
Neogen Corp. (A)	45,354	1,092,578
Nevro Corp. (A)	5,902	258,685
NuVasive, Inc. (A)	21,896	1,076,407
Olympus Corp.	201,508	4,083,596
Omniceil, Inc. (A)	7,390	840,613
OraSure Technologies, Inc. (A)	13,692	37,105
Orthofix Medical, Inc. (A)	3,371	79,353
OrthoPediatrics Corp. (A)	2,472	106,667
Outset Medical, Inc. (A)	8,328	123,754
Paragon 28, Inc. (A)(C)	7,938	125,976
Penumbra, Inc. (A)	8,898	1,107,979
PROCEPT BioRobotics Corp. (A)(C)	4,352	142,267
Pulmonx Corp. (A)	5,963	87,775
QuidelOrtho Corp. (A)	12,567	1,221,261
ResMed, Inc.	16,520	3,463,088
RxSight, Inc. (A)(C)	3,780	53,222
SeaSpine Holdings Corp. (A)	7,115	40,200
Senseonics Holdings, Inc. (A)(C)	74,139	76,363
Shockwave Medical, Inc. (A)	15,001	2,867,741
SI-BONE, Inc. (A)	5,918	78,118
Siemens Healthineers AG (B)	46,032	2,347,003
Sight Sciences, Inc. (A)(C)	3,943	35,448
Silk Road Medical, Inc. (A)	5,900	214,701
Smith & Nephew PLC	143,574	2,007,851
Sonova Holding AG	8,765	2,801,130
STAAR Surgical Company (A)	20,142	1,428,672
STERIS PLC	11,141	2,296,717
Straumann Holding AG	18,193	2,191,638
Stryker Corp.	38,076	7,574,459
Surmodics, Inc. (A)	2,393	89,091

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Systemex Corp.	27,379	\$ 1,652,067
Tandem Diabetes Care, Inc. (A)	16,070	951,183
Teleflex, Inc.	5,463	1,343,079
Terumo Corp.	105,334	3,186,464
The Cooper Companies, Inc.	5,406	1,692,727
TransMedics Group, Inc. (A)	4,673	146,966
Treace Medical Concepts, Inc. (A)	5,707	81,838
UFP Technologies, Inc. (A)	1,176	93,574
Utah Medical Products, Inc.	616	52,914
Varex Imaging Corp. (A)	6,546	140,019
Vicarious Surgical, Inc. (A)	10,114	29,735
ViewRay, Inc. (A)	26,570	70,411
Zimmer Biomet Holdings, Inc.	23,350	2,453,151
Zimvie, Inc. (A)	3,706	59,333
		171,391,048
<b>Health care providers and services – 2.2%</b>		
1Life Healthcare, Inc. (A)	30,777	241,292
23andMe Holding Company, Class A (A)	30,015	74,437
Acadia Healthcare Company, Inc. (A)	22,743	1,538,109
Accolade, Inc. (A)	10,494	77,656
AdaptHealth Corp. (A)	12,348	222,758
Addus HomeCare Corp. (A)	2,607	217,111
Agility, Inc. (A)	4,750	97,423
Alignment Healthcare, Inc. (A)	14,493	165,365
Amedisys, Inc. (A)	8,183	860,197
AmerisourceBergen Corp.	16,799	2,376,723
AMN Healthcare Services, Inc. (A)	7,492	821,947
Amplifon SpA	20,325	624,883
Apollo Medical Holdings, Inc. (A)(C)	6,635	256,045
Brookdale Senior Living, Inc. (A)	31,920	144,917
Cano Health, Inc. (A)	28,065	122,925
Cardinal Health, Inc.	30,187	1,577,874
CareMax, Inc. (A)	11,044	40,090
Castle Biosciences, Inc. (A)	4,215	92,519
Centene Corp. (A)	66,077	5,590,775
Chemed Corp.	3,760	1,764,906
Cigna Corp.	35,850	9,447,192
Clover Health Investments Corp. (A)(C)	65,540	140,256
Community Health Systems, Inc. (A)	21,883	82,061
CorVel Corp. (A)	1,513	222,820
Covetrus, Inc. (A)	18,003	373,562
Cross Country Healthcare, Inc. (A)	6,313	131,500
CVS Health Corp.	148,239	13,735,826
DaVita, Inc. (A)	7,187	574,673
DocGo, Inc. (A)(C)	14,051	100,324
Elevance Health, Inc.	27,253	13,151,753
Encompass Health Corp.	25,074	1,405,398
Fresenius Medical Care AG & Company KGaA	33,480	1,677,384
Fresenius SE & Company KGaA	68,376	2,079,431
Fulgent Genetics, Inc. (A)	3,667	199,962
Hanger, Inc. (A)	6,667	95,471
HCA Healthcare, Inc.	25,692	4,317,798
HealthEquity, Inc. (A)	35,194	2,160,560
Henry Schein, Inc. (A)	16,171	1,240,963
Hims & Hers Health, Inc. (A)	21,175	95,923
Humana, Inc.	14,293	6,690,125
Invitae Corp. (A)(C)	39,815	97,149
Laboratory Corp. of America Holdings	10,362	2,428,438
LHC Group, Inc. (A)	12,809	1,994,874
LifeStance Health Group, Inc. (A)	12,734	70,801
McKesson Corp.	16,453	5,367,133
MEDNAX, Inc. (A)	14,614	307,040
ModivCare, Inc. (A)	2,156	182,182
Molina Healthcare, Inc. (A)	6,810	1,904,144

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
National HealthCare Corp.	2,060	\$ 143,994
National Research Corp.	2,527	96,734
NMC Health PLC (A)	19,536	10
OPKO Health, Inc. (A)	69,529	175,908
Option Care Health, Inc. (A)	59,121	1,642,973
Owens & Minor, Inc.	12,408	390,232
Patterson Companies, Inc.	36,433	1,103,920
PetIQ, Inc. (A)	4,839	81,247
Privia Health Group, Inc. (A)	7,455	217,090
Progyny, Inc. (A)	30,488	885,676
Quest Diagnostics, Inc.	13,036	1,733,527
R1 RCM, Inc. (A)	56,612	1,186,588
RadNet, Inc. (A)	8,476	146,465
Ramsay Health Care, Ltd.	29,889	1,513,895
Select Medical Holdings Corp.	18,283	431,844
Sema4 Holdings Corp. (A)	29,473	37,136
Sonic Healthcare, Ltd.	74,394	1,695,683
Surgery Partners, Inc. (A)	6,785	196,222
Tenet Healthcare Corp. (A)	27,064	1,422,484
The Ensign Group, Inc.	9,068	666,226
The Joint Corp. (A)	2,645	40,495
The Pennant Group, Inc. (A)	4,782	61,257
UnitedHealth Group, Inc.	106,039	54,464,812
Universal Health Services, Inc., Class B	7,500	755,325
US Physical Therapy, Inc.	2,171	237,073
		156,509,511
<b>Health care technology – 0.1%</b>		
Allscripts Healthcare Solutions, Inc. (A)	19,260	285,626
American Well Corp., Class A (A)	39,201	169,348
Computer Programs & Systems, Inc. (A)	2,523	80,660
Evolent Health, Inc., Class A (A)	13,908	427,115
Health Catalyst, Inc. (A)	9,343	135,380
HealthStream, Inc. (A)	4,207	91,334
Inspire Medical Systems, Inc. (A)	4,589	838,273
M3, Inc.	71,986	2,072,114
MultiPlan Corp. (A)(C)	64,099	351,904
NextGen Healthcare, Inc. (A)	9,507	165,802
OptimizeRx Corp. (A)	3,158	86,498
Phreesia, Inc. (A)	8,404	210,184
Schrodinger, Inc. (A)	9,172	242,233
Simulations Plus, Inc.	2,680	132,204
		5,288,675
<b>Life sciences tools and services – 1.3%</b>		
AbCellera Biologics, Inc. (A)	34,937	372,079
Absci Corp. (A)(C)	9,949	33,031
Adaptive Biotechnologies Corp. (A)	19,168	155,069
Agilent Technologies, Inc.	33,939	4,030,935
Azenta, Inc.	18,838	1,358,220
Bachem Holding AG, Class B	5,059	352,613
Berkeley Lights, Inc. (A)	10,163	50,510
Bionano Genomics, Inc. (A)(C)	53,381	73,666
Bio-Rad Laboratories, Inc., Class A (A)	2,520	1,247,400
Bio-Techne Corp.	4,582	1,588,304
Bruker Corp.	25,124	1,576,782
Charles River Laboratories International, Inc. (A)	5,885	1,259,213
Codexis, Inc. (A)	10,795	112,916
Cytex Biosciences, Inc. (A)	19,493	209,160
Danaher Corp.	73,179	18,552,340
Eurofins Scientific SE	21,968	1,734,991
Illumina, Inc. (A)	17,668	3,257,272
Inotiv, Inc. (A)	3,321	31,882
IQVIA Holdings, Inc. (A)	21,337	4,629,916
Lonza Group AG	12,156	6,492,973
MaxCyte, Inc. (A)(C)	15,678	74,157

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Life sciences tools and services (continued)</b>		
Medpace Holdings, Inc. (A)	11,403	\$ 1,706,687
Mettler-Toledo International, Inc. (A)	2,567	2,948,893
NanoString Technologies, Inc. (A)	8,132	103,276
NeoGenomics, Inc. (A)	21,313	173,701
Pacific Biosciences of California, Inc. (A)(C)	38,601	170,616
PerkinElmer, Inc.	13,946	1,983,400
QIAGEN NV (A)	37,680	1,771,643
Quanterix Corp. (A)	5,942	96,201
Quantum-Si, Inc. (A)	16,613	38,542
Repligen Corp. (A)	12,952	2,103,405
Sartorius Stedim Biotech	4,514	1,424,247
Science 37 Holdings, Inc. (A)	11,613	23,342
Seer, Inc. (A)	9,116	81,588
Singular Genomics Systems, Inc. (A)(C)	10,817	41,321
SomaLogic, Inc. (A)(C)	26,001	117,525
Sotera Health Company (A)	24,869	487,184
Syneos Health, Inc. (A)	25,770	1,847,194
Thermo Fisher Scientific, Inc.	44,280	24,056,438
Waters Corp. (A)	6,784	2,245,368
West Pharmaceutical Services, Inc.	8,265	2,499,088
		91,113,088
<b>Pharmaceuticals – 5.8%</b>		
Aclaris Therapeutics, Inc. (A)	10,237	142,909
Aerie Pharmaceuticals, Inc. (A)	8,447	63,353
Amneal Pharmaceuticals, Inc. (A)	18,606	59,167
Amphastar Pharmaceuticals, Inc. (A)	6,478	225,370
Amylyx Pharmaceuticals, Inc. (A)(C)	2,101	40,465
ANI Pharmaceuticals, Inc. (A)	2,246	66,639
Arvinas, Inc. (A)	8,260	347,663
Astellas Pharma, Inc.	303,947	4,742,088
AstraZeneca PLC	252,920	33,365,645
Atea Pharmaceuticals, Inc. (A)	13,036	92,556
Axsome Therapeutics, Inc. (A)(C)	4,966	190,198
Bayer AG	160,366	9,576,473
Bristol-Myers Squibb Company	240,605	18,526,585
Cara Therapeutics, Inc. (A)	8,010	73,131
Cassava Sciences, Inc. (A)(C)	6,564	184,580
Catalent, Inc. (A)	19,854	2,130,136
Chugai Pharmaceutical Company, Ltd. (C)	109,602	2,803,672
CinCor Pharma, Inc. (A)	2,407	45,348
Collegium Pharmaceutical, Inc. (A)	5,796	102,705
Corcept Therapeutics, Inc. (A)	14,375	341,838
Daiichi Sankyo Company, Ltd.	286,058	7,275,165
DICE Therapeutics, Inc. (A)(C)	4,996	77,538
Edgewise Therapeutics, Inc. (A)	5,515	43,899
Eisai Company, Ltd.	41,168	1,740,587
Eli Lilly & Company	89,128	28,897,971
Esperion Therapeutics, Inc. (A)(C)	11,183	71,124
Evolus, Inc. (A)	6,166	71,526
EyePoint Pharmaceuticals, Inc. (A)	5,155	40,570
Fulcrum Therapeutics, Inc. (A)	6,433	31,522
GSK PLC	829,821	17,883,958
Harmony Biosciences Holdings, Inc. (A)	4,439	216,490
Hikma Pharmaceuticals PLC	28,342	559,204
Innoviva, Inc. (A)	10,542	155,600
Intra-Cellular Therapies, Inc. (A)	15,479	883,541
Ipsen SA	6,157	582,964
Jazz Pharmaceuticals PLC (A)	15,657	2,442,649
Johnson & Johnson	297,426	52,796,089
Kyowa Kirin Company, Ltd.	44,059	994,717
Liquidia Corp. (A)	8,785	38,303
Merck & Company, Inc.	285,760	26,052,739
Merck KGaA	21,097	3,578,500
Nektar Therapeutics (A)	31,621	120,160



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
NGM Biopharmaceuticals, Inc. (A)	6,920	\$ 88,714
Nippon Shinyaku Company, Ltd.	8,000	488,323
Novartis AG	357,645	30,321,351
Novo Nordisk A/S, B Shares	274,878	30,484,604
Nuvation Bio, Inc. (A)	20,426	66,180
Ocular Therapeutix, Inc. (A)	14,245	57,265
Ono Pharmaceutical Company, Ltd.	60,400	1,551,632
Organon & Company	29,567	997,886
Orion OYJ, Class B	17,362	777,029
Otsuka Holdings Company, Ltd. (C)	63,693	2,273,630
Pacira BioSciences, Inc. (A)	7,559	440,690
Perrigo Company PLC	33,804	1,371,428
Pfizer, Inc.	634,002	33,240,725
Phathom Pharmaceuticals, Inc. (A)	4,510	38,064
Phibro Animal Health Corp., Class A	3,629	69,423
Prestige Consumer Healthcare, Inc. (A)	8,348	490,862
Provention Bio, Inc. (A)(C)	10,912	43,648
Reata Pharmaceuticals, Inc., Class A (A)	4,738	143,988
Recordati Industria Chimica e Farmaceutica SpA	17,068	744,323
Relmada Therapeutics, Inc. (A)	4,776	90,696
Revance Therapeutics, Inc. (A)	11,958	165,260
Roche Holding AG	114,683	38,338,506
Roche Holding AG, Bearer Shares	4,354	1,684,988
Sanofi	185,632	18,720,249
Shionogi & Company, Ltd.	43,211	2,205,421
SIGA Technologies, Inc.	8,196	94,910
Supernus Pharmaceuticals, Inc. (A)	8,240	238,301
Takeda Pharmaceutical Company, Ltd.	245,398	6,892,820
Tarsus Pharmaceuticals, Inc. (A)	3,293	48,078
Teva Pharmaceutical Industries, Ltd., ADR (A)	180,108	1,354,412
Theravance Biopharma, Inc. (A)	11,243	101,862
Tricida, Inc. (A)	5,947	57,567
UCB SA	20,638	1,748,849
Ventyx Biosciences, Inc. (A)	4,018	49,140
Viatis, Inc.	141,032	1,476,605
Vifor Pharma AG (C)	7,427	1,328,567
Xeris Biopharma Holdings, Inc. (A)	24,401	37,578
Zoetis, Inc.	53,144	9,134,922
Zogenix, Inc. (A)(D)	9,475	6,443
		405,140,276
		968,795,139
<b>Industrials – 10.8%</b>		
<b>Aerospace and defense – 1.4%</b>		
AAR Corp. (A)	5,738	240,078
Aerojet Rocketdyne Holdings, Inc. (A)	13,349	541,969
AeroVironment, Inc. (A)	3,946	324,361
AerSale Corp. (A)	3,065	44,473
Airbus SE	96,237	9,412,927
Archer Aviation, Inc., Class A (A)(C)	21,901	67,455
Astra Space, Inc. (A)	27,160	35,308
Astronics Corp. (A)	4,896	49,792
Axon Enterprise, Inc. (A)	17,840	1,662,153
BAE Systems PLC	513,613	5,199,815
Cadre Holdings, Inc. (C)	2,865	56,355
Curtiss-Wright Corp.	9,659	1,275,568
Dassault Aviation SA	4,088	638,393
Ducommun, Inc. (A)	1,974	84,961
Elbit Systems, Ltd.	4,338	996,338
General Dynamics Corp.	26,085	5,771,306
Hexcel Corp.	21,116	1,104,578
Howmet Aerospace, Inc.	40,947	1,287,783
Huntington Ingalls Industries, Inc.	4,672	1,017,655
Kaman Corp.	4,818	150,563

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Aerospace and defense (continued)</b>		
Kongsberg Gruppen ASA	14,596	\$ 524,948
Kratos Defense & Security Solutions, Inc. (A)	21,131	293,298
L3Harris Technologies, Inc.	21,824	5,274,861
Lockheed Martin Corp.	26,789	11,518,198
Maxar Technologies, Inc.	12,406	323,673
Mercury Systems, Inc. (A)	14,489	932,077
Moog, Inc., Class A	4,792	380,437
MTU Aero Engines AG	8,723	1,597,980
National Presto Industries, Inc.	977	64,130
Northrop Grumman Corp.	16,531	7,911,241
Park Aerospace Corp.	3,770	48,105
Parsons Corp. (A)	5,638	227,888
Raytheon Technologies Corp.	168,070	16,153,208
Rheinmetall AG	7,110	1,640,738
Rocket Lab USA, Inc. (A)	36,637	138,854
Rolls-Royce Holdings PLC (A)	1,365,885	1,390,007
Safran SA	55,793	5,555,056
Singapore Technologies Engineering, Ltd.	254,852	750,237
Textron, Inc.	23,940	1,462,016
Thales SA	17,418	2,138,530
The Boeing Company (A)	62,802	8,586,289
TransDigm Group, Inc. (A)	5,855	3,142,203
Triumph Group, Inc. (A)	11,120	147,785
Vectrus, Inc. (A)	2,104	70,400
Virgin Galactic Holdings, Inc. (A)(C)	38,957	234,521
Woodward, Inc.	15,236	1,409,178
		101,877,689
<b>Air freight and logistics – 0.5%</b>		
Air Transport Services Group, Inc. (A)	9,930	285,289
Atlas Air Worldwide Holdings, Inc. (A)	4,678	288,679
CH Robinson Worldwide, Inc.	14,108	1,430,128
Deutsche Post AG	161,807	6,109,207
DSV A/S	31,341	4,407,087
Expeditors International of Washington, Inc.	18,649	1,817,532
FedEx Corp.	26,946	6,108,928
Forward Air Corp.	4,528	416,395
GXO Logistics, Inc. (A)	25,565	1,106,198
Hub Group, Inc., Class A (A)	5,635	399,747
Radiant Logistics, Inc. (A)	7,217	53,550
SG Holdings Company, Ltd.	47,000	794,766
United Parcel Service, Inc., Class B	83,018	15,154,106
Yamato Holdings Company, Ltd.	47,593	761,638
		39,133,250
<b>Airlines – 0.2%</b>		
Alaska Air Group, Inc. (A)	14,682	588,014
Allegiant Travel Company (A)	2,595	293,469
American Airlines Group, Inc. (A)	75,534	957,771
ANA Holdings, Inc. (A)	26,049	481,169
Blade Air Mobility, Inc. (A)	10,031	44,738
Delta Air Lines, Inc. (A)	71,247	2,064,026
Deutsche Lufthansa AG (A)(C)	97,572	574,724
Frontier Group Holdings, Inc. (A)(C)	6,230	58,375
Hawaiian Holdings, Inc. (A)	8,797	125,885
Japan Airlines Company, Ltd. (A)	23,540	404,455
JetBlue Airways Corp. (A)	80,593	674,563
Joby Aviation, Inc. (A)	42,913	210,703
Qantas Airways, Ltd. (A)	150,855	466,871
Singapore Airlines, Ltd. (A)	218,727	803,704
SkyWest, Inc. (A)	8,515	180,944
Southwest Airlines Company (A)	66,004	2,384,064
Spirit Airlines, Inc. (A)	18,445	439,729
Sun Country Airlines Holdings, Inc. (A)	5,457	100,081
United Airlines Holdings, Inc. (A)	37,760	1,337,459

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Airlines (continued)</b>		
Wheels Up Experience, Inc. (A)	29,132	\$ 56,807
		12,247,551
<b>Building products – 0.8%</b>		
A.O. Smith Corp.	15,325	837,971
AAON, Inc.	7,384	404,348
AGC, Inc. (C)	31,576	1,109,507
Allegion PLC	9,385	918,792
American Woodmark Corp. (A)	2,947	132,644
Apogee Enterprises, Inc.	3,826	150,056
Assa Abloy AB, B Shares	163,610	3,491,444
Builders FirstSource, Inc. (A)	43,404	2,330,795
Caesarstone, Ltd.	4,906	44,792
Carlisle Companies, Inc.	12,988	3,099,067
Carrier Global Corp.	96,008	3,423,645
Cie de Saint-Gobain	81,261	3,511,225
Cornerstone Building Brands, Inc. (A)	10,665	261,186
CSW Industrials, Inc.	2,482	255,720
Daikin Industries, Ltd.	40,697	6,534,270
Fortune Brands Home & Security, Inc.	14,085	843,410
Geberit AG	5,856	2,817,342
Gibraltar Industries, Inc. (A)	5,617	217,659
Griffon Corp.	7,862	220,372
Insteel Industries, Inc.	3,258	109,697
Janus International Group, Inc. (A)	14,220	128,407
JELD-WEN Holding, Inc. (A)	14,699	214,458
Johnson Controls International PLC	78,553	3,761,118
Kingspan Group PLC	25,166	1,513,259
Lennox International, Inc.	8,300	1,714,697
Lixil Corp.	48,550	912,525
Masco Corp.	25,854	1,308,212
Masonite International Corp. (A)	3,817	293,260
Nibe Industrier AB, B Shares	247,382	1,864,826
Owens Corning	24,389	1,812,347
PGT Innovations, Inc. (A)	10,102	168,097
Quanex Building Products Corp.	5,779	131,472
Resideo Technologies, Inc. (A)	24,493	475,654
ROCKWOOL A/S, B Shares	1,452	329,653
Simpson Manufacturing Company, Inc.	18,106	1,821,645
TOTO, Ltd.	23,100	764,873
Trane Technologies PLC	26,387	3,426,880
Trex Company, Inc. (A)	28,439	1,547,650
UFP Industries, Inc.	10,221	696,459
View, Inc. (A)(C)	21,154	34,269
Xinyi Glass Holdings, Ltd.	295,000	711,766
Zurn Water Solutions Corp.	20,892	569,098
		54,914,567
<b>Commercial services and supplies – 0.5%</b>		
ABM Industries, Inc.	11,232	487,693
ACCO Brands Corp.	16,241	106,054
ACV Auctions, Inc., Class A (A)	19,312	126,300
Aris Water Solution, Inc., Class A	3,845	64,135
Brady Corp., Class A	7,773	367,197
Brambles, Ltd.	234,187	1,731,648
BrightView Holdings, Inc. (A)	7,651	91,812
Casella Waste Systems, Inc., Class A (A)	8,392	609,931
Cimpress PLC (A)	3,103	120,707
Cintas Corp.	9,834	3,673,294
Clean Harbors, Inc. (A)	12,581	1,102,976
Copart, Inc. (A)	23,876	2,594,366
CoreCivic, Inc. (A)	20,544	228,244
Dai Nippon Printing Company, Ltd.	36,273	780,250
Deluxe Corp.	7,423	160,856
Ennis, Inc.	4,707	95,223
Harsco Corp. (A)	14,037	99,803
Healthcare Services Group, Inc.	12,627	219,836

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Commercial services and supplies (continued)</b>		
Heritage-Crystal Clean, Inc. (A)	2,824	\$ 76,135
HNI Corp.	7,127	247,236
IAA, Inc. (A)	33,667	1,103,268
Interface, Inc.	10,379	130,153
KAR Auction Services, Inc. (A)	20,406	301,397
Kimball International, Inc., Class B	8,197	62,871
Li-Cycle Holdings Corp. (A)	22,698	156,162
Matthews International Corp., Class A	5,238	150,173
MillerKnoll, Inc.	31,972	839,904
Montrose Environmental Group, Inc. (A)	4,749	160,326
MSA Safety, Inc.	9,191	1,112,754
Pitney Bowes, Inc.	29,998	108,593
Rentokil Initial PLC	303,509	1,759,430
Republic Services, Inc.	23,476	3,072,304
Rollins, Inc.	26,395	921,713
Secom Company, Ltd.	34,255	2,115,064
Securitas AB, B Shares	51,113	441,914
SP Plus Corp. (A)	4,000	122,880
Steelcase, Inc., Class A	15,000	160,950
Stericycle, Inc. (A)	23,136	1,014,514
Tetra Tech, Inc.	13,487	1,841,650
The Brink's Company	19,621	1,191,191
Toppan, Inc.	42,862	715,106
UniFirst Corp.	2,470	425,285
Viad Corp. (A)	3,675	101,467
VSE Corp.	1,970	74,033
Waste Management, Inc.	43,248	6,616,079
		37,682,877
<b>Construction and engineering – 0.5%</b>		
ACS Actividades de Construccion y Servicios SA	36,075	879,207
AECOM	35,510	2,315,962
Ameresco, Inc., Class A (A)	5,402	246,115
API Group Corp. (A)	35,058	524,818
Arcosa, Inc.	8,124	377,197
Argan, Inc.	2,430	90,688
Bouygues SA	37,463	1,156,239
Comfort Systems USA, Inc.	5,975	496,821
Construction Partners, Inc., Class A (A)	6,974	146,036
Dycom Industries, Inc. (A)	12,330	1,147,183
Eiffage SA	13,598	1,230,075
EMCOR Group, Inc.	21,325	2,195,622
Ferrovial SA	78,732	2,003,238
Fluor Corp. (A)	59,803	1,455,605
Granite Construction, Inc.	7,725	225,107
Great Lakes Dredge & Dock Corp. (A)	11,298	148,117
IES Holdings, Inc. (A)	1,667	50,293
Infrastructure and Energy Alternatives, Inc. (A)(C)	5,608	45,032
Kajima Corp.	69,085	792,170
MasTec, Inc. (A)	14,357	1,028,823
MDU Resources Group, Inc.	51,089	1,378,892
MYR Group, Inc. (A)	2,839	250,201
Northwest Pipe Company (A)	1,829	54,760
NV5 Global, Inc. (A)	2,295	267,918
Obayashi Corp.	106,015	771,075
Primoris Services Corp.	9,057	197,080
Quanta Services, Inc.	16,617	2,082,775
Shimizu Corp.	90,129	497,906
Skanska AB, B Shares	55,534	854,420
Sterling Infrastructure, Inc. (A)	5,080	111,354
Taisei Corp.	31,173	971,973
Tutor Perini Corp. (A)	7,681	67,439
Valmont Industries, Inc.	5,354	1,202,669

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Construction and engineering (continued)</b>		
Vinci SA	87,101	\$ 7,818,309
		33,081,119
<b>Electrical equipment – 1.0%</b>		
ABB, Ltd.	268,117	7,190,407
Acuity Brands, Inc.	8,688	1,338,300
Allied Motion Technologies, Inc.	2,537	57,945
AMETEK, Inc.	26,012	2,858,459
Array Technologies, Inc. (A)	25,592	281,768
Atkore, Inc. (A)	7,261	602,736
AZZ, Inc.	4,108	167,689
Babcock & Wilcox Enterprises, Inc. (A)	10,867	65,528
Blink Charging Company (A)(C)	6,458	106,751
Bloom Energy Corp., Class A (A)	27,612	455,598
Eaton Corp. PLC	45,184	5,692,732
Emerson Electric Company	67,205	5,345,486
Encore Wire Corp.	3,210	333,583
Energy Vault Holdings, Inc. (A)(C)	4,567	45,761
EnerSys	17,263	1,017,826
Enovix Corp. (A)(C)	18,537	165,165
ESS Tech, Inc. (A)	14,762	41,481
Fluence Energy, Inc. (A)	6,544	62,037
FTC Solar, Inc. (A)	8,230	29,793
FuelCell Energy, Inc. (A)	63,454	237,953
Fuji Electric Company, Ltd.	20,740	857,471
Generac Holdings, Inc. (A)	7,357	1,549,237
GrafTech International, Ltd.	33,154	234,399
Hubbell, Inc.	13,481	2,407,437
Legrand SA	43,657	3,241,467
Mitsubishi Electric Corp.	315,497	3,391,326
Nidec Corp.	72,986	4,522,713
NuScale Power Corp. (A)	3,585	35,814
nVent Electric PLC	41,792	1,309,343
Powell Industries, Inc.	1,716	40,103
Prysmian SpA	41,582	1,142,378
Regal Rexnord Corp.	16,834	1,910,996
Rockwell Automation, Inc.	13,023	2,595,614
Schneider Electric SE	88,242	10,514,517
Shoals Technologies Group, Inc., Class A (A)	18,987	312,906
Siemens Energy AG	71,169	1,048,913
Siemens Gamesa Renewable Energy SA (A)	38,915	733,716
Stem, Inc. (A)(C)	24,540	175,706
Sunrun, Inc. (A)	52,787	1,233,104
Thermon Group Holdings, Inc. (A)	6,178	86,801
TPI Composites, Inc. (A)	6,551	81,888
Vestas Wind Systems A/S	164,846	3,504,955
Vicor Corp. (A)	9,169	501,819
		67,529,621
<b>Industrial conglomerates – 0.9%</b>		
3M Company	64,374	8,330,639
Brookfield Business Corp., Class A	4,500	103,545
CK Hutchison Holdings, Ltd.	438,238	2,973,004
DCC PLC	16,099	1,001,624
General Electric Company	124,252	7,911,125
Hitachi, Ltd.	158,094	7,520,536
Honeywell International, Inc.	76,937	13,372,420
Investment AB Latour, B Shares	24,167	480,026
Jardine Matheson Holdings, Ltd.	35,000	1,839,037
Keppel Corp., Ltd.	237,745	1,110,654
Lifco AB, B Shares	38,052	614,487
Melrose Industries PLC	713,736	1,309,170
Siemens AG	124,875	12,836,712
Smiths Group PLC	63,194	1,080,672

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Industrial conglomerates (continued)</b>		
Toshiba Corp. (C)	63,628	\$ 2,585,224
		63,068,875
<b>Machinery – 2.2%</b>		
AGCO Corp.	15,357	1,515,736
Alamo Group, Inc.	1,651	192,226
Albany International Corp., Class A	5,334	420,266
Alfa Laval AB	47,929	1,161,899
Alstom SA	51,796	1,182,737
Altra Industrial Motion Corp.	11,035	388,984
Astec Industries, Inc.	3,915	159,654
Atlas Copco AB, A Shares	438,459	4,103,996
Atlas Copco AB, B Shares	254,790	2,134,865
Barnes Group, Inc.	8,290	258,151
Blue Bird Corp. (A)	3,363	30,973
Caterpillar, Inc.	60,310	10,781,016
Chart Industries, Inc. (A)	15,387	2,575,476
CIRCOR International, Inc. (A)	3,531	57,873
CNH Industrial NV	167,039	1,931,865
Columbus McKinnon Corp.	4,844	137,424
Crane Holdings Company	11,970	1,048,093
Cummins, Inc.	16,017	3,099,770
Daifuku Company, Ltd.	16,500	944,299
Daimler Truck Holding AG (A)	73,884	1,945,800
Deere & Company	31,573	9,455,166
Desktop Metal, Inc., Class A (A)(C)	45,805	100,771
Donaldson Company, Inc.	31,042	1,494,362
Douglas Dynamics, Inc.	3,850	110,649
Dover Corp.	15,918	1,931,172
Energy Recovery, Inc. (A)	9,566	185,772
Energpac Tool Group Corp.	10,317	196,229
EnPro Industries, Inc.	3,467	284,051
Epiroc AB, A Shares	107,574	1,667,942
Epiroc AB, B Shares	63,657	862,642
Esab Corp.	11,463	501,506
ESCO Technologies, Inc.	4,269	291,872
Evoqua Water Technologies Corp. (A)	19,949	648,542
FANUC Corp.	31,318	4,908,760
Federal Signal Corp.	9,881	351,764
Flowserve Corp.	32,822	939,694
Fortive Corp.	39,903	2,169,925
Franklin Electric Company, Inc.	7,746	567,472
GEA Group AG	25,043	868,190
Graco, Inc.	42,515	2,525,816
Helios Technologies, Inc.	5,486	363,448
Hillenbrand, Inc.	12,121	496,476
Hillman Solutions Corp. (A)	22,913	197,968
Hitachi Construction Machinery Company, Ltd.	17,552	389,878
Hoshizaki Corp.	17,800	530,545
Husqvarna AB, B Shares	68,382	504,032
Hydrofarm Holdings Group, Inc. (A)	8,038	27,972
Hyliion Holdings Corp. (A)(C)	23,032	74,163
Hyster-Yale Materials Handling, Inc.	1,990	64,118
Hyzon Motors, Inc. (A)(C)	15,790	46,423
IDEX Corp.	8,866	1,610,332
Illinois Tool Works, Inc.	32,113	5,852,594
Indutrade AB	44,586	818,065
Ingersoll Rand, Inc.	45,100	1,897,808
ITT, Inc.	20,978	1,410,561
John Bean Technologies Corp.	5,327	588,207
Kadant, Inc.	1,923	350,659
Kennametal, Inc.	34,629	804,432
KION Group AG	11,779	493,095
Knorr-Bremse AG	11,841	678,192
Komatsu, Ltd.	150,876	3,359,580

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Kone OYJ, B Shares	55,482	\$ 2,651,772
Kornit Digital, Ltd. (A)	8,000	253,600
Kubota Corp. (C)	166,552	2,495,965
Kurita Water Industries, Ltd.	17,027	616,350
Lincoln Electric Holdings, Inc.	14,596	1,800,563
Lindsay Corp.	1,827	242,662
Luxfer Holdings PLC	5,202	78,654
Makita Corp.	36,552	905,997
Markforged Holding Corp. (A)	20,248	37,459
Meritor, Inc. (A)	11,743	426,623
Microvast Holdings, Inc. (A)(C)	29,845	66,256
Miller Industries, Inc.	2,147	48,672
MINEBEA MITSUMI, Inc.	59,300	1,010,667
MISUMI Group, Inc.	46,400	979,944
Mitsubishi Heavy Industries, Ltd.	52,363	1,830,176
Mueller Industries, Inc.	9,346	498,048
Mueller Water Products, Inc., Class A	26,033	305,367
NGK Insulators, Ltd.	38,861	523,554
Nikola Corp. (A)(C)	49,610	236,144
Nordson Corp.	6,311	1,277,599
Omega Flex, Inc.	557	59,944
Oshkosh Corp.	16,530	1,357,774
Otis Worldwide Corp.	47,848	3,381,418
PACCAR, Inc.	39,239	3,230,939
Parker-Hannifin Corp.	14,544	3,578,551
Pentair PLC	19,297	883,224
Proterra, Inc. (A)(C)	37,811	175,443
Proto Labs, Inc. (A)	4,702	224,944
Rational AG	835	486,796
RBC Bearings, Inc. (A)	4,798	887,390
REV Group, Inc.	6,085	66,144
Sandvik AB	174,046	2,836,445
Sarcos Technology and Robotics Corp. (A)	14,366	38,214
Schindler Holding AG	3,832	690,137
Schindler Holding AG, Participation Certificates	6,647	1,215,464
SKF AB, B Shares (C)	62,577	928,410
SMC Corp.	9,347	4,160,719
Snap-on, Inc.	6,232	1,227,891
Spirax-Sarco Engineering PLC	12,016	1,449,234
SPX Corp. (A)	7,488	395,666
Standex International Corp.	1,954	165,660
Stanley Black & Decker, Inc.	17,033	1,786,080
Techtronic Industries Company, Ltd.	224,742	2,346,788
Tennant Company	3,070	181,898
Terex Corp.	28,828	789,022
The Gorman-Rupp Company	3,939	111,474
The Greenbrier Companies, Inc.	5,259	189,271
The Manitowoc Company, Inc. (A)	6,394	67,329
The Middleby Corp. (A)	13,665	1,713,044
The Shyft Group, Inc.	5,993	111,410
The Timken Company	16,948	899,091
The Toro Company	26,263	1,990,473
Titan International, Inc. (A)	8,739	131,959
Toyota Industries Corp.	23,953	1,485,260
Trinity Industries, Inc.	14,045	340,170
VAT Group AG (B)	4,407	1,053,962
Volvo AB, A Shares	32,685	529,323
Volvo AB, B Shares	246,331	3,832,758
Wabash National Corp.	8,268	112,279
Wabtec Corp.	20,555	1,687,154
Wartsila OYJ ABP	77,272	605,716
Watts Water Technologies, Inc., Class A	11,421	1,402,956
Welbilt, Inc. (A)	22,047	524,939
Xylem, Inc.	19,612	1,533,266

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Yaskawa Electric Corp.	39,210	\$ 1,266,411
		153,110,460
<b>Marine – 0.2%</b>		
A.P. Moller - Maersk A/S, Series A	513	1,190,650
A.P. Moller - Maersk A/S, Series B	872	2,047,105
Costamare, Inc.	9,083	109,904
Eagle Bulk Shipping, Inc.	2,290	118,805
Genco Shipping & Trading, Ltd.	6,235	120,460
Golden Ocean Group, Ltd. (C)	20,834	242,508
Kirby Corp. (A)	15,149	921,665
Kuehne + Nagel International AG	8,870	2,107,534
Matson, Inc.	6,727	490,264
Mitsui OSK Lines, Ltd.	56,100	1,290,554
Nippon Yusen KK	26,325	1,804,972
Safe Bulkers, Inc.	12,868	49,156
SITC International Holdings Company, Ltd.	219,000	622,875
ZIM Integrated Shipping Services, Ltd.	13,700	647,051
		11,763,503
<b>Professional services – 0.9%</b>		
Adecco Group AG	26,340	897,794
Alight, Inc., Class A (A)	57,473	387,943
ASGN, Inc. (A)	21,289	1,921,332
Barrett Business Services, Inc.	1,266	92,253
Bureau Veritas SA (C)	47,997	1,234,869
CACI International, Inc., Class A (A)	5,882	1,657,430
CBIZ, Inc. (A)	8,276	330,709
CRA International, Inc.	1,245	111,203
Equifax, Inc.	13,620	2,489,464
Experian PLC	150,524	4,419,504
Exponent, Inc.	8,653	791,490
First Advantage Corp. (A)	10,059	127,448
Forrester Research, Inc. (A)	1,933	92,475
Franklin Covey Company (A)	2,232	103,074
FTI Consulting, Inc. (A)	8,660	1,566,161
Heidrick & Struggles International, Inc.	3,416	110,542
HireRight Holdings Corp. (A)	3,693	52,478
Huron Consulting Group, Inc. (A)	3,561	231,429
ICF International, Inc.	3,073	291,935
Insperty, Inc.	15,068	1,504,238
Intertek Group PLC	26,345	1,354,126
Jacobs Engineering Group, Inc.	15,068	1,915,595
KBR, Inc.	35,062	1,696,650
Kelly Services, Inc., Class A	6,107	121,102
Kforce, Inc.	3,448	211,500
Korn Ferry	8,969	520,381
Legalzoom.com, Inc. (A)	16,767	184,269
Leidos Holdings, Inc.	15,269	1,537,741
ManpowerGroup, Inc.	13,250	1,012,433
ManTech International Corp., Class A	5,003	477,536
Nielsen Holdings PLC	41,841	971,548
Nihon M&A Center Holdings, Inc.	49,400	526,612
Persol Holdings Company, Ltd.	29,000	529,485
Planet Labs PBC (A)	26,792	116,009
Randstad NV	19,519	943,360
Recruit Holdings Company, Ltd.	235,300	6,929,687
Red Violet, Inc. (A)	1,880	35,795
RELX PLC	315,626	8,569,673
Resources Connection, Inc.	5,634	114,765
Robert Half International, Inc.	12,768	956,196
Science Applications International Corp.	14,024	1,305,634
SGS SA	1,040	2,385,426
Skillsoft Corp. (A)(C)	14,501	51,044
Spire Global, Inc. (A)	25,217	29,252
Sterling Check Corp. (A)	4,156	67,784

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Professional services (continued)</b>		
Teleperformance	9,588	\$ 2,960,622
TriNet Group, Inc. (A)	6,305	489,394
TrueBlue, Inc. (A)	5,621	100,616
Upwork, Inc. (A)	20,358	421,003
Verisk Analytics, Inc.	17,836	3,087,233
Willdan Group, Inc. (A)	2,204	60,786
Wolters Kluwer NV	42,852	4,153,127
		62,250,155
<b>Road and rail – 0.8%</b>		
ArcBest Corp.	4,153	292,247
Aurizon Holdings, Ltd.	300,470	790,245
Avis Budget Group, Inc. (A)	8,613	1,266,800
Central Japan Railway Company	23,576	2,709,656
Covenant Logistics Group, Inc.	2,196	55,098
CSX Corp.	245,580	7,136,555
Daseke, Inc. (A)	7,608	48,615
East Japan Railway Company	49,340	2,523,698
Grab Holdings, Ltd., Class A (A)(C)	177,200	448,316
Hankyu Hanshin Holdings, Inc.	37,400	1,021,515
Heartland Express, Inc.	7,764	107,997
JB Hunt Transport Services, Inc.	9,797	1,542,734
Keio Corp.	16,815	603,216
Keisei Electric Railway Company, Ltd.	22,494	621,105
Kintetsu Group Holdings Company, Ltd.	27,974	870,318
Knight-Swift Transportation Holdings, Inc.	41,094	1,902,241
Landstar System, Inc.	9,328	1,356,478
Marten Transport, Ltd.	9,983	167,914
MTR Corp., Ltd.	252,815	1,325,442
Nippon Express Holdings, Inc.	12,546	683,420
Norfolk Southern Corp.	26,935	6,122,056
Odakyu Electric Railway Company, Ltd.	48,079	648,671
Old Dominion Freight Line, Inc.	10,394	2,663,774
P.A.M. Transportation Services, Inc. (A)	1,345	36,840
Ryder System, Inc.	12,847	912,908
Saia, Inc. (A)	11,115	2,089,620
Tobu Railway Company, Ltd.	30,873	704,728
Tokyu Corp.	86,708	1,023,455
TuSimple Holdings, Inc., Class A (A)	23,899	172,790
Union Pacific Corp.	71,017	15,146,506
Werner Enterprises, Inc.	25,669	989,283
West Japan Railway Company	35,825	1,317,946
XPO Logistics, Inc. (A)	24,851	1,196,824
		58,499,011
<b>Trading companies and distributors – 0.8%</b>		
AerCap Holdings NV (A)	22,000	900,680
Applied Industrial Technologies, Inc.	6,424	617,796
Ashtead Group PLC	72,610	3,054,597
Beacon Roofing Supply, Inc. (A)	9,157	470,304
BlueLinx Holdings, Inc. (A)	1,612	107,698
Boise Cascade Company	6,635	394,716
Brenntag SE	25,220	1,651,360
Bunzl PLC	55,075	1,829,081
Custom Truck One Source, Inc. (A)	10,768	60,301
Distribution Solutions Group, Inc. (A)	917	47,125
DXP Enterprises, Inc. (A)	2,733	83,712
Fastenal Company	64,934	3,241,505
Ferguson PLC	35,701	3,999,315
GATX Corp.	14,884	1,401,477
Global Industrial Company	2,271	76,692
GMS, Inc. (A)	7,329	326,141
H&E Equipment Services, Inc.	5,542	160,552
Herc Holdings, Inc.	4,339	391,161
Hudson Technologies, Inc. (A)	7,675	57,639
IMCD NV	9,302	1,271,904
ITOCHU Corp.	194,004	5,233,833

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Trading companies and distributors (continued)</b>		
Marubeni Corp.	255,359	\$ 2,290,974
McGrath RentCorp	4,030	306,280
Mitsubishi Corp.	206,106	6,138,079
Mitsui & Company, Ltd.	227,903	5,008,061
MonotaRO Company, Ltd. (C)	40,900	609,970
MRC Global, Inc. (A)	14,337	142,797
MSC Industrial Direct Company, Inc., Class A	11,855	890,429
NOW, Inc. (A)	19,190	187,678
Reece, Ltd.	36,907	350,573
Rush Enterprises, Inc., Class A	6,439	310,360
Rush Enterprises, Inc., Class B	1,876	93,068
Sumitomo Corp.	183,838	2,498,990
Textainer Group Holdings, Ltd.	7,786	213,414
Titan Machinery, Inc. (A)	3,574	80,093
Toyota Tsusho Corp.	34,682	1,130,731
Transcat, Inc. (A)	1,266	71,921
Triton International, Ltd.	10,640	560,196
United Rentals, Inc. (A)	8,038	1,952,511
Univar Solutions, Inc. (A)	42,517	1,057,398
Veritiv Corp. (A)	2,472	268,336
W.W. Grainger, Inc.	4,818	2,189,444
Watsco, Inc.	8,332	1,989,848
		53,718,740
<b>Transportation infrastructure – 0.1%</b>		
Aena SME SA (A)(B)	12,243	1,562,218
Aeroports de Paris (A)	4,846	617,769
Atlantia SpA	80,878	1,898,568
Auckland International Airport, Ltd. (A)	204,335	915,340
Getlink SE	71,824	1,273,822
Transurban Group	501,237	4,986,958
		11,254,675
		760,132,093
<b>Information technology – 17.9%</b>		
<b>Communications equipment – 0.6%</b>		
ADTRAN, Inc.	8,361	146,568
Arista Networks, Inc. (A)	24,993	2,342,844
Aviat Networks, Inc. (A)	2,050	51,332
Calix, Inc. (A)	23,570	804,680
Ciena Corp. (A)	38,219	1,746,608
Cisco Systems, Inc.	469,391	20,014,832
Clearfield, Inc. (A)	2,011	124,581
CommScope Holding Company, Inc. (A)	34,860	213,343
Comtech Telecommunications Corp.	5,014	45,477
Digi International, Inc. (A)	5,863	142,002
DZS, Inc. (A)	3,317	53,968
Extreme Networks, Inc. (A)	21,782	194,295
F5, Inc. (A)	7,083	1,083,982
Harmonic, Inc. (A)	15,746	136,518
Infinera Corp. (A)	32,469	174,034
Inseego Corp. (A)	17,047	32,219
Juniper Networks, Inc.	37,921	1,080,749
Lumentum Holdings, Inc. (A)	17,335	1,376,746
Motorola Solutions, Inc.	18,916	3,964,794
NETGEAR, Inc. (A)	5,112	94,674
NetScout Systems, Inc. (A)	11,852	401,190
Nokia OYJ	883,340	4,094,324
Ondas Holdings, Inc. (A)	6,259	33,736
Plantronics, Inc. (A)	7,170	284,506
Ribbon Communications, Inc. (A)	13,843	42,083
Telefonaktiebolaget LM Ericsson, B Shares	476,448	3,558,597
Viasat, Inc. (A)	18,701	572,812

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Communications equipment (continued)</b>		
Viavi Solutions, Inc. (A)	38,120	\$ 504,328
		43,315,822
<b>Electronic equipment, instruments and components – 1.1%</b>		
908 Devices, Inc. (A)	3,843	79,127
Advanced Energy Industries, Inc.	6,313	460,723
Aeva Technologies, Inc. (A)(C)	17,371	54,371
Akoustis Technologies, Inc. (A)(C)	10,696	39,575
Amphenol Corp., Class A	67,591	4,351,509
Arlo Technologies, Inc. (A)	14,969	93,856
Arrow Electronics, Inc. (A)	16,591	1,859,685
Avnet, Inc.	24,541	1,052,318
Azbil Corp.	19,000	500,926
Badger Meter, Inc.	4,872	394,096
Belden, Inc.	18,495	985,229
Benchmark Electronics, Inc.	5,796	130,758
CDW Corp.	15,166	2,389,555
Cognex Corp.	43,649	1,855,955
Coherent, Inc. (A)	6,234	1,659,615
Corning, Inc.	87,111	2,744,868
CTS Corp.	5,316	181,010
ePlus, Inc. (A)	4,436	235,640
Evolv Technologies Holdings, Inc. (A)	15,714	41,799
Fabrinet (A)	6,189	501,928
FARO Technologies, Inc. (A)	3,243	99,982
Focus Universal, Inc. (A)(C)	3,201	36,555
Halma PLC	61,972	1,521,545
Hamamatsu Photonics KK	22,900	892,129
Hexagon AB, B Shares	317,725	3,319,926
Hirose Electric Company, Ltd.	4,975	660,586
Ibiden Company, Ltd.	18,400	521,284
Identiv, Inc. (A)	4,141	47,953
II-VI, Inc. (A)	26,746	1,362,709
Insight Enterprises, Inc. (A)	5,242	452,280
IPG Photonics Corp. (A)	8,732	821,943
Itron, Inc. (A)	7,647	377,991
Jabil, Inc.	35,478	1,816,828
Keyence Corp.	31,800	10,905,434
Keysight Technologies, Inc. (A)	20,556	2,833,645
Kimball Electronics, Inc. (A)	4,214	84,701
Knowles Corp. (A)	14,723	255,150
Kyocera Corp.	52,363	2,799,136
Lightwave Logic, Inc. (A)(C)	19,603	128,204
Littelfuse, Inc.	6,215	1,578,859
Methode Electronics, Inc.	5,964	220,907
MicroVision, Inc. (A)(C)	28,774	110,492
Mirion Technologies, Inc. (A)	23,507	135,400
Murata Manufacturing Company, Ltd.	93,739	5,101,963
Napco Security Technologies, Inc. (A)	5,152	106,080
National Instruments Corp.	32,955	1,029,185
nLight, Inc. (A)	7,880	80,534
Novanta, Inc. (A)	5,959	722,648
Omron Corp.	30,318	1,543,086
OSI Systems, Inc. (A)	2,651	226,501
Ouster, Inc. (A)	24,749	40,093
PAR Technology Corp. (A)	4,555	170,767
PC Connection, Inc.	1,861	81,977
Plexus Corp. (A)	4,546	356,861
Rogers Corp. (A)	3,135	821,652
Sanmina Corp. (A)	10,008	407,626
ScanSource, Inc. (A)	4,362	135,833
Shimadzu Corp.	38,692	1,226,362
SmartRent, Inc. (A)(C)	20,627	93,234
TD SYNNEX Corp.	10,382	945,800
TDK Corp.	63,463	1,962,166
TE Connectivity, Ltd.	36,457	4,125,110

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electronic equipment, instruments and components (continued)</b>		
Teledyne Technologies, Inc. (A)	5,150	\$ 1,931,817
Trimble, Inc. (A)	27,460	1,598,996
TTM Technologies, Inc. (A)	16,949	211,863
Velodyne Lidar, Inc. (A)(C)	36,004	34,391
Venture Corp., Ltd.	45,200	541,427
Vishay Intertechnology, Inc.	55,084	981,597
Vishay Precision Group, Inc. (A)	2,240	65,251
Vontier Corp.	40,450	929,946
Yokogawa Electric Corp.	37,292	616,930
Zebra Technologies Corp., Class A (A)	5,839	1,716,374
		78,402,252
<b>IT services – 3.0%</b>		
Accenture PLC, Class A	71,580	19,874,187
Adyen NV (A)(B)	3,537	5,104,358
Akamai Technologies, Inc. (A)	17,758	1,621,838
Amadeus IT Group SA (A)	73,537	4,117,641
Automatic Data Processing, Inc.	47,217	9,917,459
AvidXchange Holdings, Inc. (A)	25,091	154,059
Bechtel AG	13,369	549,126
BigCommerce Holdings, Inc., Series 1 (A)	10,915	176,823
Bread Financial Holdings, Inc.	20,927	775,555
Brightcove, Inc. (A)	8,266	52,241
Broadridge Financial Solutions, Inc.	12,832	1,829,202
Cantaloupe, Inc. (A)	11,214	62,798
Capgemini SE	26,733	4,610,375
Cass Information Systems, Inc.	2,431	82,168
Cerberus Cyber Sentinel Corp. (A)	8,347	30,049
Cognizant Technology Solutions Corp., Class A	58,834	3,970,707
Computershare, Ltd.	88,695	1,512,530
Concentrix Corp.	10,809	1,466,133
Conduent, Inc. (A)	29,649	128,084
Core Scientific, Inc. (A)	38,169	56,872
CSG Systems International, Inc.	5,366	320,243
Cyxtera Technologies, Inc. (A)(C)	7,377	83,655
DigitalOcean Holdings, Inc. (A)(C)	12,902	533,627
DXC Technology Company (A)	28,510	864,138
Edenred	40,703	1,928,126
Edgio, Inc. (A)	24,474	56,535
EPAM Systems, Inc. (A)	6,614	1,949,675
Euronet Worldwide, Inc. (A)	12,700	1,277,493
EVERTEC, Inc.	10,130	373,594
EVO Payments, Inc., Class A (A)	8,065	189,689
ExlService Holdings, Inc. (A)	5,450	802,949
Fastly, Inc., Class A (A)	18,991	220,486
Fidelity National Information Services, Inc.	68,980	6,323,397
Fiserv, Inc. (A)	65,716	5,846,753
FleetCor Technologies, Inc. (A)	8,722	1,832,579
Flywire Corp. (A)	9,488	167,273
Fujitsu, Ltd.	32,123	4,019,483
Gartner, Inc. (A)	9,084	2,196,784
Genpact, Ltd.	42,794	1,812,754
Global Payments, Inc.	31,782	3,516,360
GMO Payment Gateway, Inc.	6,900	491,494
Grid Dynamics Holdings, Inc. (A)	8,362	140,649
i3 Verticals, Inc., Class A (A)	3,882	97,128
IBM Corp.	101,691	14,357,752
Information Services Group, Inc.	7,310	49,416
International Money Express, Inc. (A)	5,712	116,925
Itochu Techno-Solutions Corp.	15,700	386,018
Jack Henry & Associates, Inc.	8,492	1,528,730
Kyndryl Holdings, Inc. (A)	45,132	441,391
Marqeta, Inc., Class A (A)	73,504	596,117
Mastercard, Inc., Class A	97,057	30,619,542

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services (continued)</b>		
Maximus, Inc.	25,727	\$ 1,608,195
MoneyGram International, Inc. (A)	15,911	159,110
NEC Corp.	40,084	1,563,956
Nexi SpA (A)(B)	85,548	710,428
Nomura Research Institute, Ltd.	54,800	1,470,642
NTT Data Corp.	103,010	1,429,040
Obic Company, Ltd.	11,400	1,621,150
Otsuka Corp.	18,600	553,552
Paya Holdings, Inc. (A)	15,421	101,316
Paychex, Inc.	36,302	4,133,709
Payoneer Global, Inc. (A)	37,478	146,914
PayPal Holdings, Inc. (A)	130,745	9,131,231
Paysafe, Ltd. (A)	58,598	114,266
Perficient, Inc. (A)	5,782	530,152
PFSweb, Inc. (A)	3,315	38,984
Rackspace Technology, Inc. (A)	10,385	74,460
Remitly Global, Inc. (A)	14,635	112,104
Repay Holdings Corp. (A)	15,133	194,459
Sabre Corp. (A)	137,410	801,100
SCSK Corp.	25,500	433,055
SolarWinds Corp.	8,333	85,413
Squarespace, Inc., Class A (A)(C)	5,432	113,637
StoneCo, Ltd., Class A (A)	46,952	361,530
The Hackett Group, Inc.	4,789	90,847
The Western Union Company	96,985	1,597,343
TIS, Inc.	36,900	970,866
TTEC Holdings, Inc.	3,213	218,131
Tucows, Inc., Class A (A)(C)	1,786	79,495
Unisys Corp. (A)	11,400	137,142
VeriSign, Inc. (A)	10,608	1,775,037
Verra Mobility Corp. (A)	24,762	389,011
Visa, Inc., Class A	185,994	36,620,359
WEX, Inc. (A)	11,303	1,758,295
Wix.com, Ltd. (A)	9,300	609,615
Worldline SA (A)(B)	38,915	1,451,505
		210,419,009
<b>Semiconductors and semiconductor equipment – 3.9%</b>		
ACM Research, Inc., Class A (A)	8,299	139,672
Advanced Micro Devices, Inc. (A)	183,144	14,005,022
Advantest Corp.	30,900	1,661,700
Alpha & Omega Semiconductor, Ltd. (A)	3,786	126,225
Ambarella, Inc. (A)	6,166	403,626
Amkor Technology, Inc.	42,312	717,188
Analog Devices, Inc.	59,167	8,643,707
Applied Materials, Inc.	99,826	9,082,169
ASM International NV	7,645	1,902,131
ASML Holding NV	66,351	31,346,729
Atomera, Inc. (A)(C)	3,953	37,079
Axcelis Technologies, Inc. (A)	5,565	305,185
AXT, Inc. (A)	8,152	47,771
Broadcom, Inc.	46,145	22,417,702
CEVA, Inc. (A)	4,006	134,441
Cirrus Logic, Inc. (A)	14,391	1,043,923
CMC Materials, Inc.	11,975	2,089,518
Cohu, Inc. (A)	8,136	225,774
Credo Technology Group Holding, Ltd. (A)(C)	4,130	48,238
CyberOptics Corp. (A)	1,353	47,274
Diodes, Inc. (A)	7,470	482,338
Disco Corp.	4,700	1,118,420
Enphase Energy, Inc. (A)	15,044	2,937,191
First Solar, Inc. (A)	24,903	1,696,641
FormFactor, Inc. (A)	13,186	510,694
Ichor Holdings, Ltd. (A)	4,886	126,938
Impinj, Inc. (A)	3,591	210,684

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
Indie Semiconductor, Inc., Class A (A)	17,496	\$ 99,727
Infineon Technologies AG	213,172	5,185,517
Intel Corp.	462,105	17,287,348
KLA Corp.	16,876	5,384,794
Kulicke & Soffa Industries, Inc.	9,749	417,355
Lam Research Corp.	15,676	6,680,327
Lasertec Corp.	12,300	1,464,975
Lattice Semiconductor Corp. (A)	34,573	1,676,791
MACOM Technology Solutions Holdings, Inc. (A)	8,547	394,017
MaxLinear, Inc. (A)	12,173	413,639
Microchip Technology, Inc.	62,772	3,645,798
Micron Technology, Inc.	126,221	6,977,497
MKS Instruments, Inc.	13,983	1,435,075
Monolithic Power Systems, Inc.	5,053	1,940,554
NeoPhotonics Corp. (A)	8,936	140,563
NVIDIA Corp.	282,981	42,897,090
NXP Semiconductors NV	29,662	4,390,866
ON Semiconductor Corp. (A)	49,114	2,470,925
Onto Innovation, Inc. (A)	8,355	582,678
PDF Solutions, Inc. (A)	5,324	114,519
Photronics, Inc. (A)	10,194	198,579
Power Integrations, Inc.	24,360	1,827,244
Qorvo, Inc. (A)	12,645	1,192,676
Qualcomm, Inc.	126,570	16,168,052
Rambus, Inc. (A)	18,482	397,178
Renesas Electronics Corp. (A)	206,200	1,865,977
Rockley Photonics Holdings, Ltd. (A)(C)	19,201	41,858
Rohm Company, Ltd.	14,242	998,360
Semtech Corp. (A)	26,600	1,462,202
Silicon Laboratories, Inc. (A)	15,286	2,143,403
SiTime Corp. (A)	6,621	1,079,422
Skyworks Solutions, Inc.	17,981	1,665,760
SMART Global Holdings, Inc. (A)	8,363	136,902
SolarEdge Technologies, Inc. (A)	6,125	1,676,290
STMicroelectronics NV (C)	111,565	3,528,249
SUMCO Corp.	57,200	743,880
SunPower Corp. (A)(C)	34,911	551,943
Synaptics, Inc. (A)	16,640	1,964,352
Teradyne, Inc.	17,838	1,597,393
Texas Instruments, Inc.	104,259	16,019,395
Tokyo Electron, Ltd.	24,360	7,950,938
Tower Semiconductor, Ltd. (A)	17,806	830,542
Ultra Clean Holdings, Inc. (A)	7,666	228,217
Universal Display Corp.	10,913	1,103,741
Veeco Instruments, Inc. (A)	8,599	166,821
Wolfspeed, Inc. (A)	31,061	1,970,820
		272,618,229
<b>Software – 5.6%</b>		
8x8, Inc. (A)	18,996	97,829
A10 Networks, Inc.	11,197	161,013
ACI Worldwide, Inc. (A)	48,146	1,246,500
Adobe, Inc. (A)	53,384	19,541,747
Agilysys, Inc. (A)	3,380	159,773
Alarm.com Holdings, Inc. (A)	8,114	501,932
Alkami Technology, Inc. (A)(C)	6,295	87,438
Altair Engineering, Inc., Class A (A)	8,763	460,058
American Software, Inc., Class A	5,582	90,205
Amplitude, Inc., Class A (A)	9,557	136,570
ANSYS, Inc. (A)	9,721	2,326,138
Appfolio, Inc., Class A (A)	3,255	295,033
Appian Corp. (A)	6,825	323,232
Asana, Inc., Class A (A)	12,543	220,506
Aspen Technology, Inc. (A)	7,034	1,292,005
Autodesk, Inc. (A)	24,544	4,220,586

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
Avaya Holdings Corp. (A)	15,317	\$ 34,310
AvePoint, Inc. (A)	22,413	97,272
AVEVA Group PLC	19,688	540,485
Benefitfocus, Inc. (A)	5,073	39,468
Blackbaud, Inc. (A)	19,267	1,118,835
Blackline, Inc. (A)	9,332	621,511
Blend Labs, Inc., Class A (A)	32,499	76,698
Box, Inc., Class A (A)	21,736	546,443
BTRS Holdings, Inc., Class 1 (A)	17,719	88,241
C3.ai, Inc., Class A (A)(C)	11,667	213,039
Cadence Design Systems, Inc. (A)	31,141	4,672,084
CDK Global, Inc.	29,340	1,606,952
Cerence, Inc. (A)	6,745	170,176
Ceridian HCM Holding, Inc. (A)	15,952	751,020
ChannelAdvisor Corp. (A)	5,307	77,376
Check Point Software Technologies, Ltd. (A)	16,826	2,049,070
Citrix Systems, Inc.	14,544	1,413,240
Cleantalk, Inc. (A)(C)	7,624	29,886
Clear Secure, Inc., Class A (A)	10,578	211,560
CommVault Systems, Inc. (A)	18,686	1,175,349
Consensus Cloud Solutions, Inc. (A)	2,738	119,596
Couchbase, Inc. (A)(C)	4,670	76,681
CS Disco, Inc. (A)(C)	3,913	70,591
Cvent Holding Corp. (A)(C)	14,684	67,840
CyberArk Software, Ltd. (A)	6,500	831,740
Dassault Systemes SE	108,872	4,032,713
Digimarc Corp. (A)(C)	2,637	37,287
Digital Turbine, Inc. (A)	15,681	273,947
Domo, Inc., Class B (A)	5,235	145,533
Duck Creek Technologies, Inc. (A)	13,154	195,337
E2open Parent Holdings, Inc. (A)	34,066	265,033
Ebix, Inc.	4,783	80,833
eGain Corp. (A)	4,053	39,517
Enfusion, Inc., Class A (A)(C)	4,615	47,119
EngageSmart, Inc. (A)	5,977	96,110
Investnet, Inc. (A)	23,105	1,219,251
Everbridge, Inc. (A)	6,720	187,421
EverCommerce, Inc. (A)	4,384	39,631
Fair Isaac Corp. (A)	6,515	2,611,864
Fortinet, Inc. (A)	75,255	4,257,928
GTY Technology Holdings, Inc. (A)	7,532	47,150
Instructure Holdings, Inc. (A)(C)	3,059	69,439
Intapp, Inc. (A)	2,681	39,250
InterDigital, Inc.	5,210	316,768
Intuit, Inc.	31,946	12,313,266
IronNet, Inc. (A)	12,208	26,980
KnowBe4, Inc., Class A (A)(C)	12,361	193,079
LivePerson, Inc. (A)	12,019	169,949
LiveRamp Holdings, Inc. (A)	11,422	294,802
Manhattan Associates, Inc. (A)	15,856	1,817,098
Marathon Digital Holdings, Inc. (A)(C)	17,365	92,729
Matterport, Inc. (A)(C)	37,443	137,041
MeridianLink, Inc. (A)(C)	4,142	69,171
Microsoft Corp.	845,199	217,072,459
MicroStrategy, Inc., Class A (A)(C)	1,604	263,537
Mitek Systems, Inc. (A)	7,769	71,786
Model N, Inc. (A)	6,151	157,343
Momentive Global, Inc. (A)	22,783	200,490
N-able, Inc. (A)	11,682	105,138
NCR Corp. (A)	34,319	1,067,664
Nemetschek SE	9,427	573,507
Nice, Ltd. (A)	10,304	1,988,352
NortonLifeLock, Inc.	67,853	1,490,052
Olo, Inc., Class A (A)	15,344	151,445

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
ON24, Inc. (A)	7,199	\$ 68,319
OneSpan, Inc. (A)	7,210	85,799
Oracle Corp.	177,779	12,421,419
Oracle Corp. Japan	6,306	367,231
PagerDuty, Inc. (A)	14,420	357,328
Paycom Software, Inc. (A)	5,220	1,462,226
Paylocity Holding Corp. (A)	9,971	1,739,142
Ping Identity Holding Corp. (A)	13,116	237,924
Progress Software Corp.	7,301	330,735
PROS Holdings, Inc. (A)	7,017	184,056
PTC, Inc. (A)	12,274	1,305,217
Q2 Holdings, Inc. (A)	9,461	364,911
Qualys, Inc. (A)	14,969	1,888,190
Rapid7, Inc. (A)	9,820	655,976
Rimini Street, Inc. (A)	9,108	54,739
Riot Blockchain, Inc. (A)(C)	20,168	84,504
Roper Technologies, Inc.	11,963	4,721,198
Sailpoint Technologies Holdings, Inc. (A)	39,380	2,468,338
salesforce.com, Inc. (A)	112,233	18,522,934
SAP SE	170,455	15,537,042
Sapiens International Corp. NV (C)	5,257	127,167
ServiceNow, Inc. (A)	22,648	10,769,577
ShotSpotter, Inc. (A)	1,757	47,281
Sinch AB (A)(B)(C)	91,038	297,371
Sprout Social, Inc., Class A (A)	7,800	452,946
SPS Commerce, Inc. (A)	6,107	690,396
Sumo Logic, Inc. (A)	14,872	111,391
Synopsys, Inc. (A)	17,311	5,257,351
Telos Corp. (A)	9,474	76,550
Temenos AG	10,371	887,551
Tenable Holdings, Inc. (A)	18,564	842,991
Teradata Corp. (A)	26,304	973,511
The Sage Group PLC	166,163	1,286,730
Trend Micro, Inc.	21,864	1,069,617
Tyler Technologies, Inc. (A)	4,778	1,588,589
Upland Software, Inc. (A)	5,297	76,912
UserTesting, Inc. (A)	8,535	42,846
Varonis Systems, Inc. (A)	18,431	540,397
Verint Systems, Inc. (A)	10,679	452,256
Veritone, Inc. (A)(C)	5,899	38,520
Vonage Holdings Corp. (A)	43,255	814,924
WiseTech Global, Ltd.	23,971	628,573
WM Technology, Inc. (A)	12,904	42,454
Workiva, Inc. (A)	8,057	531,681
Xero, Ltd. (A)	21,970	1,171,894
Xperi Holding Corp.	17,669	254,964
Yext, Inc. (A)	20,860	99,711
Zuora, Inc., Class A (A)	19,525	174,749
		392,324,175
<b>Technology hardware, storage and peripherals – 3.7%</b>		
3D Systems Corp. (A)	21,517	208,715
Apple, Inc.	1,737,683	237,575,937
Avid Technology, Inc. (A)	6,183	160,449
Brother Industries, Ltd.	38,536	678,017
Canon, Inc. (C)	163,277	3,700,082
Corsair Gaming, Inc. (A)(C)	6,629	87,039
Diebold Nixdorf, Inc. (A)	14,280	32,416
Eastman Kodak Company (A)	10,698	49,639
FUJIFILM Holdings Corp.	58,838	3,161,449
Hewlett Packard Enterprise Company	150,833	2,000,046
HP, Inc.	119,186	3,906,917
IonQ, Inc. (A)(C)	20,416	89,422
Logitech International SA	28,257	1,473,467
NetApp, Inc.	25,921	1,691,086
Ricoh Company, Ltd.	93,677	731,350



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Technology hardware, storage and peripherals (continued)</b>		
Seagate Technology Holdings PLC	22,064	\$ 1,576,252
Seiko Epson Corp.	45,647	645,767
Super Micro Computer, Inc. (A)	7,705	310,897
Turtle Beach Corp. (A)	2,884	35,271
Western Digital Corp. (A)	34,323	1,538,700
Xerox Holdings Corp.	49,235	731,140
		<u>260,384,058</u>
		1,257,463,545
<b>Materials – 4.4%</b>		
<b>Chemicals – 2.2%</b>		
AdvanSix, Inc.	4,644	155,295
Air Liquide SA	85,347	11,487,943
Air Products & Chemicals, Inc.	25,047	6,023,303
Akzo Nobel NV	29,645	1,938,720
Albemarle Corp.	13,138	2,745,579
American Vanguard Corp.	5,009	111,951
Amyris, Inc. (A)(C)	35,211	65,140
Arkema SA	9,701	867,778
Asahi Kasei Corp.	204,757	1,557,662
Ashland Global Holdings, Inc.	12,742	1,313,063
Aspen Aerogels, Inc. (A)	4,987	49,272
Avient Corp.	38,298	1,534,984
Balchem Corp.	5,307	688,530
BASF SE	149,928	6,559,686
Cabot Corp.	23,527	1,500,787
Celanese Corp.	12,598	1,481,651
CF Industries Holdings, Inc.	23,593	2,022,628
Chase Corp.	1,279	99,519
Chr. Hansen Holding A/S	17,218	1,256,874
Clariant AG (A)	35,220	671,584
Corteva, Inc.	81,742	4,425,512
Covestro AG (B)	31,537	1,095,869
Croda International PLC	22,774	1,800,103
Danimer Scientific, Inc. (A)(C)	15,728	71,720
Diversey Holdings, Ltd. (A)	13,598	89,747
Dow, Inc.	82,238	4,244,303
DuPont de Nemours, Inc.	57,275	3,183,345
Eastman Chemical Company	15,043	1,350,410
Ecolab, Inc.	28,022	4,308,663
Ecovyst, Inc.	10,934	107,700
EMS-Chemie Holding AG	1,145	854,515
Evonik Industries AG	34,231	734,124
FMC Corp.	13,770	1,473,528
FutureFuel Corp.	5,073	36,931
GCP Applied Technologies, Inc. (A)	8,315	260,093
Givaudan SA	1,507	5,311,740
Hawkins, Inc.	3,367	121,313
HB Fuller Company	8,856	533,220
ICL Group, Ltd.	115,559	1,055,622
Ingevity Corp. (A)	16,291	1,028,614
Innospec, Inc.	4,097	392,452
International Flavors & Fragrances, Inc.	28,754	3,425,176
Intrepid Potash, Inc. (A)	1,922	87,047
Johnson Matthey PLC	30,585	721,214
JSR Corp.	29,490	766,332
Koninklijke DSM NV	28,531	4,087,081
Koppers Holdings, Inc.	3,647	82,568
Kronos Worldwide, Inc.	3,826	70,398
Linde PLC	56,906	16,362,182
Livent Corp. (A)	27,407	621,865
LSB Industries, Inc. (A)	5,563	77,103
LyondellBasell Industries NV, Class A	29,265	2,559,517
Minerals Technologies, Inc.	13,701	840,419
Mitsubishi Chemical Holdings Corp.	208,959	1,135,414
Mitsui Chemicals, Inc.	30,018	640,267

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
NewMarket Corp.	1,700	\$ 511,632
Nippon Paint Holdings Company, Ltd.	135,400	1,013,089
Nippon Sanso Holdings Corp.	28,257	452,428
Nissan Chemical Corp.	21,000	969,305
Nitto Denko Corp.	23,187	1,499,701
Novozymes A/S, B Shares	33,534	2,018,175
OCI NV	17,198	565,740
Olin Corp.	34,868	1,613,691
Orica, Ltd.	66,736	730,137
Origin Materials, Inc. (A)	18,570	95,078
Orion Engineered Carbons SA	10,257	159,291
Perimeter Solutions SA (A)	20,943	227,022
PPG Industries, Inc.	26,599	3,041,330
PureCycle Technologies, Inc. (A)(C)	18,302	135,801
Quaker Chemical Corp.	2,279	340,756
RPM International, Inc.	32,534	2,561,076
Schweitzer-Mauduit International, Inc.	5,303	133,211
Sensient Technologies Corp.	17,504	1,410,122
Shin-Etsu Chemical Company, Ltd.	61,246	6,884,719
Sika AG	23,746	5,481,460
Solvay SA	12,098	985,577
Stepan Company	3,488	353,509
Sumitomo Chemical Company, Ltd.	243,244	951,983
Symrise AG	21,675	2,363,989
The Chemours Company	39,059	1,250,669
The Mosaic Company	40,907	1,932,038
The Scotts Miracle-Gro Company	10,159	802,459
The Sherwin-Williams Company	27,053	6,057,437
Toray Industries, Inc.	226,372	1,274,211
Tosoh Corp.	42,500	528,646
Tredegar Corp.	5,057	50,570
Trinseo PLC	6,036	232,145
Tronox Holdings PLC, Class A	19,803	332,690
Umicore SA	34,188	1,198,427
Ulvoline, Inc.	44,769	1,290,690
Yara International ASA	27,027	1,132,458
		<u>156,669,318</u>
<b>Construction materials – 0.2%</b>		
CRH PLC	125,045	4,315,152
Eagle Materials, Inc.	9,925	1,091,155
HeidelbergCement AG	23,640	1,141,370
Holcim, Ltd. (A)	90,488	3,880,987
James Hardie Industries PLC, CHESSE Depository Interest	72,696	1,591,522
Martin Marietta Materials, Inc.	6,935	2,075,229
Summit Materials, Inc., Class A (A)	20,133	468,898
United States Lime & Minerals, Inc.	386	40,762
Vulcan Materials Company	15,475	2,198,998
		<u>16,804,073</u>
<b>Containers and packaging – 0.3%</b>		
Amcor PLC	167,573	2,082,932
AptarGroup, Inc.	16,474	1,700,282
Avery Dennison Corp.	8,983	1,454,078
Ball Corp.	36,134	2,484,935
Cryptyde, Inc. (A)	3,201	6,498
Greif, Inc., Class A	10,838	676,074
Greif, Inc., Class B	1,014	63,162
International Paper Company	42,187	1,764,682
Myers Industries, Inc.	6,226	141,517
O-I Glass, Inc. (A)	26,322	368,508
Packaging Corp. of America	10,342	1,422,025
Pactiv Evergreen, Inc.	7,492	74,620
Ranpak Holdings Corp. (A)	7,877	55,139
Sealed Air Corp.	17,277	997,228
Silgan Holdings, Inc.	21,156	874,801

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Containers and packaging (continued)</b>		
Smurfit Kappa Group PLC	40,169	\$ 1,354,581
Sonoco Products Company	24,494	1,397,138
TriMas Corp.	7,083	196,128
Westrock Company	28,200	1,123,488
		18,237,816
<b>Metals and mining – 1.6%</b>		
1911 Gold Corp. (A)	3,149	394
5E Advanced Materials, Inc. (A)	5,626	68,525
Alcoa Corp.	46,340	2,112,177
Allegheny Technologies, Inc. (A)	20,951	475,797
Alpha Metallurgical Resources, Inc.	3,020	389,973
Anglo American PLC	207,494	7,417,614
Antofagasta PLC	64,371	908,980
ArcelorMittal SA	99,505	2,231,438
Arconic Corp. (A)	17,882	501,590
BHP Group, Ltd.	826,350	23,661,381
BlueScope Steel, Ltd.	80,020	881,712
Boliden AB	44,647	1,427,832
Carpenter Technology Corp.	8,236	229,867
Century Aluminum Company (A)	9,207	67,856
Cleveland-Cliffs, Inc. (A)	119,967	1,843,893
Coeur Mining, Inc. (A)	47,291	143,765
Commercial Metals Company	50,800	1,681,480
Compass Minerals International, Inc.	5,862	207,456
Constellium SE (A)	21,007	277,502
Dakota Gold Corp. (A)	11,080	37,118
Evolution Mining, Ltd.	299,213	488,900
Ferroglobe PLC (A)(D)	15,626	0
Fortescue Metals Group, Ltd.	276,428	3,323,978
Freeport-McMoRan, Inc.	163,777	4,792,115
Glencore PLC (A)	1,614,188	8,743,146
Haynes International, Inc.	2,220	72,749
Hecla Mining Company	90,542	354,925
Hitachi Metals, Ltd. (A)	34,964	529,291
Hycroft Mining Holding Corp. (A)	30,449	33,798
JFE Holdings, Inc.	80,233	844,067
Kaiser Aluminum Corp.	2,670	211,170
Materion Corp.	3,422	252,304
Mineral Resources, Ltd.	27,744	931,162
Newcrest Mining, Ltd.	145,322	2,070,290
Newmont Corp.	89,601	5,346,492
Nippon Steel Corp.	131,900	1,845,954
Norsk Hydro ASA	219,527	1,240,604
Northern Star Resources, Ltd.	190,189	892,121
Novagold Resources, Inc. (A)	40,287	193,780
Nucor Corp.	30,101	3,142,845
Olympic Steel, Inc.	1,736	44,702
Pan American Silver Corp., CVR (A)	54,671	38,795
Piedmont Lithium, Inc. (A)	2,961	107,810
Ramaco Resources, Inc.	4,028	52,968
Reliance Steel & Aluminum Company	15,563	2,643,531
Rio Tinto PLC	183,379	10,963,611
Rio Tinto, Ltd.	60,596	4,322,848
Royal Gold, Inc.	16,491	1,760,909
Ryerson Holding Corp.	2,863	60,953
Schnitzer Steel Industries, Inc., Class A	4,397	144,397
South32, Ltd.	759,036	2,056,752
Steel Dynamics, Inc.	45,035	2,979,065
Sumitomo Metal Mining Company, Ltd.	40,307	1,249,690
SunCoke Energy, Inc.	13,792	93,924
TimkenSteel Corp. (A)	7,927	148,314
U.S. Steel Corp.	65,480	1,172,747
voestalpine AG	18,944	404,876
Warrior Met Coal, Inc.	8,625	264,011

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Metals and mining (continued)</b>		
Worthington Industries, Inc.	13,368	\$ 589,529
		108,975,473
<b>Paper and forest products – 0.1%</b>		
Clearwater Paper Corp. (A)	2,836	95,375
Glatfelter Corp.	8,229	56,616
Holmen AB, B Shares	15,314	623,795
Louisiana-Pacific Corp.	20,631	1,081,271
Mondi PLC	79,260	1,406,877
Neenah, Inc.	2,892	98,733
Oji Holdings Corp.	132,438	573,765
Resolute Forest Products, Inc. (A)	7,809	99,643
Stora Enso OYJ, R Shares	89,966	1,425,521
Svenska Cellulosa AB SCA, B Shares	98,900	1,485,977
Sylvamo Corp.	5,948	194,381
UPM-Kymmene OYJ	87,125	2,671,540
		9,813,494
		310,500,174
<b>Real estate – 3.5%</b>		
<b>Equity real estate investment trusts – 2.9%</b>		
Acadia Realty Trust	15,758	246,140
Agree Realty Corp.	12,250	883,593
Alexander & Baldwin, Inc.	12,340	221,503
Alexander's, Inc.	316	70,203
Alexandria Real Estate Equities, Inc.	16,973	2,461,594
American Assets Trust, Inc.	8,252	245,084
American Campus Communities, Inc.	35,043	2,259,222
American Tower Corp.	52,560	13,433,810
Apartment Income REIT Corp.	39,468	1,641,869
Apartment Investment and Management Company, Class A (A)	25,747	164,781
Apple Hospitality REIT, Inc.	36,173	530,658
Armada Hoffler Properties, Inc.	11,559	148,418
Ascendas Real Estate Investment Trust	548,178	1,125,051
Ashford Hospitality Trust, Inc. (A)	6,712	40,138
AvalonBay Communities, Inc.	15,721	3,053,804
BGP Holdings PLC (A)(D)	1,525,695	0
Bluerock Residential Growth REIT, Inc.	4,900	128,821
Boston Properties, Inc.	16,576	1,474,932
Braemar Hotels & Resorts, Inc.	12,872	55,221
Brandywine Realty Trust	28,367	273,458
Brixmor Property Group, Inc.	75,253	1,520,863
Broadstone Net Lease, Inc.	28,481	584,145
BRT Apartments Corp.	2,333	50,136
Camden Property Trust	12,170	1,636,622
Capitaland Integrated Commercial Trust	863,030	1,349,105
CareTrust REIT, Inc.	16,365	301,771
CatchMark Timber Trust, Inc., Class A	9,082	91,365
CBL & Associates Properties, Inc. (A)	4,773	112,118
Cedar Realty Trust, Inc.	2,025	58,300
Centerspace	2,585	210,807
Chatham Lodging Trust (A)	8,780	91,751
City Office REIT, Inc.	7,459	96,594
Community Healthcare Trust, Inc.	4,015	145,383
Corporate Office Properties Trust	46,978	1,230,354
Cousins Properties, Inc.	37,374	1,092,442
Covivio	7,719	431,243
Crown Castle International Corp.	49,002	8,250,957
CTO Realty Growth, Inc.	1,121	68,516
Daiwa House REIT Investment Corp.	360	818,245
Dexus	175,571	1,079,667
DiamondRock Hospitality Company (A)	35,849	294,320
Digital Realty Trust, Inc.	32,210	4,181,824
Diversified Healthcare Trust	44,427	80,857
Douglas Emmett, Inc.	44,163	988,368

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Duke Realty Corp.	42,395	\$ 2,329,605
Easterly Government Properties, Inc.	15,054	286,628
EastGroup Properties, Inc.	10,471	1,615,989
Empire State Realty Trust, Inc., Class A	23,557	165,606
EPR Properties	18,835	883,927
Equinix, Inc.	10,301	6,767,963
Equity Commonwealth (A)	17,659	486,152
Equity Residential	38,284	2,764,870
Essential Properties Realty Trust, Inc.	21,949	471,684
Essex Property Trust, Inc.	7,188	1,879,734
Extra Space Storage, Inc.	14,943	2,542,103
Farmland Partners, Inc.	7,879	108,730
Federal Realty Investment Trust	8,251	789,951
First Industrial Realty Trust, Inc.	33,163	1,574,579
Four Corners Property Trust, Inc.	13,389	356,014
Franklin Street Properties Corp.	17,893	74,614
Gecina SA	7,500	703,874
Getty Realty Corp.	7,047	186,746
Gladstone Commercial Corp.	6,833	128,734
Gladstone Land Corp.	5,636	124,894
Global Medical REIT, Inc.	10,463	117,499
Global Net Lease, Inc.	17,462	247,262
GLP J-REIT	696	852,919
Goodman Group	274,464	3,389,007
Healthcare Realty Trust, Inc.	63,372	1,723,718
Healthpeak Properties, Inc.	58,447	1,514,362
Hersha Hospitality Trust (A)	5,896	57,840
Highwoods Properties, Inc.	26,418	903,231
Host Hotels & Resorts, Inc.	83,266	1,305,611
Hudson Pacific Properties, Inc.	36,335	539,211
Independence Realty Trust, Inc.	92,741	1,922,521
Indus Realty Trust, Inc.	971	57,639
Industrial Logistics Properties Trust	11,245	158,330
Innovative Industrial Properties, Inc.	4,688	515,071
InvenTrust Properties Corp.	11,436	294,934
Iron Mountain, Inc.	33,766	1,644,067
iStar, Inc.	11,154	152,921
Japan Metropolitan Fund Investment Corp.	1,141	889,039
Japan Real Estate Investment Corp.	204	939,345
JBG SMITH Properties	27,315	645,727
Kilroy Realty Corp.	26,391	1,381,041
Kimco Realty Corp.	71,911	1,421,680
Kite Realty Group Trust	91,791	1,587,066
Klepierre SA (A)	35,120	679,641
Lamar Advertising Company, Class A	21,873	1,924,168
Land Securities Group PLC	114,986	933,108
Life Storage, Inc.	21,195	2,366,634
Link REIT (C)	344,506	2,815,083
LTC Properties, Inc.	6,507	249,804
LXP Industrial Trust	47,583	511,041
Mapletree Commercial Trust	379,800	500,562
Mapletree Logistics Trust	534,300	646,586
Medical Properties Trust, Inc.	150,765	2,302,182
Mid-America Apartment Communities, Inc.	12,783	2,232,807
Mirvac Group	643,586	879,713
National Health Investors, Inc.	7,382	447,423
National Retail Properties, Inc.	44,195	1,900,385
National Storage Affiliates Trust	21,140	1,058,480
Necessity Retail REIT, Inc.	23,421	170,505
NETSTREIT Corp.	8,073	152,338
NexPoint Residential Trust, Inc.	3,848	240,538
Nippon Building Fund, Inc.	250	1,247,679
Nippon Prologis REIT, Inc.	349	859,575
Nomura Real Estate Master Fund, Inc.	693	865,627
Office Properties Income Trust	8,283	165,246

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Omega Healthcare Investors, Inc.	59,094	\$ 1,665,860
One Liberty Properties, Inc.	3,083	80,096
Orion Office REIT, Inc.	9,999	109,589
Outfront Media, Inc.	24,792	420,224
Paramount Group, Inc.	31,658	228,887
Park Hotels & Resorts, Inc.	58,630	795,609
Pebblebrook Hotel Trust	54,974	910,919
Phillips Edison & Company, Inc.	19,188	641,071
Physicians Realty Trust	94,075	1,641,609
Piedmont Office Realty Trust, Inc., Class A	20,534	269,406
Plymouth Industrial REIT, Inc.	6,526	114,466
Postal Realty Trust, Inc., Class A	3,433	51,152
PotlatchDeltic Corp.	28,875	1,275,986
Prologis, Inc.	83,707	9,848,129
PS Business Parks, Inc.	8,385	1,569,253
Public Storage	17,327	5,417,633
Rayonier, Inc.	36,754	1,373,865
Realty Income Corp.	68,154	4,652,192
Regency Centers Corp.	17,969	1,065,741
Retail Opportunity Investments Corp.	20,475	323,096
Rexford Industrial Realty, Inc.	41,459	2,387,624
RLJ Lodging Trust	27,878	307,494
RPT Realty	14,691	144,413
Ryman Hospitality Properties, Inc. (A)	9,099	691,797
Sabra Health Care REIT, Inc.	97,100	1,356,487
Safehold, Inc.	3,652	129,171
Saul Centers, Inc.	2,089	98,413
SBA Communications Corp.	12,208	3,907,170
Scentre Group	847,257	1,521,292
Segro PLC	196,283	2,343,181
Service Properties Trust	29,728	155,477
Simon Property Group, Inc.	37,073	3,518,969
SITE Centers Corp.	32,933	443,608
SL Green Realty Corp.	16,110	743,477
Spirit Realty Capital, Inc.	33,743	1,274,811
STAG Industrial, Inc.	30,268	934,676
Stockland	389,673	972,929
STORE Capital Corp.	63,439	1,654,489
Summit Hotel Properties, Inc. (A)	18,464	134,233
Sunstone Hotel Investors, Inc. (A)	36,132	358,429
Tanger Factory Outlet Centers, Inc.	17,259	245,423
Terreno Realty Corp.	12,460	694,396
The British Land Company PLC	143,730	786,254
The GEO Group, Inc. (A)	20,173	133,142
The GPT Group	312,691	913,897
The Macerich Company	90,571	788,873
UDR, Inc.	32,353	1,489,532
UMH Properties, Inc.	8,628	152,370
Unibail-Rodamco-Westfield (A)	19,231	977,702
Uniti Group, Inc.	40,315	379,767
Universal Health Realty Income Trust	2,194	116,743
Urban Edge Properties	19,245	292,716
Urstadt Biddle Properties, Inc., Class A	5,447	88,241
Ventas, Inc.	44,394	2,283,183
Veris Residential, Inc. (A)	14,529	192,364
VICI Properties, Inc.	109,105	3,250,238
Vicinity Centres	631,637	802,408
Vornado Realty Trust	18,541	530,087
Warehouses De Pauw CVA	24,280	766,134
Washington Real Estate Investment Trust	14,547	309,997
Welltower, Inc.	50,759	4,180,004
Weyerhaeuser Company	84,008	2,782,345
Whitestone REIT	8,324	89,483

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Xenia Hotels & Resorts, Inc. (A)	19,498	\$ 283,306
		200,937,144
<b>Real estate management and development – 0.6%</b>		
Anywhere Real Estate, Inc. (A)	19,706	193,710
Aroundtown SA	163,084	521,607
Azrieli Group, Ltd.	6,928	487,745
CapitaLand Investment, Ltd.	424,684	1,168,866
CBRE Group, Inc., Class A (A)	37,046	2,726,956
City Developments, Ltd.	66,813	392,427
CK Asset Holdings, Ltd.	327,062	2,323,878
Compass, Inc., Class A (A)(C)	45,071	162,706
Cushman & Wakefield PLC (A)	26,816	408,676
Daito Trust Construction Company, Ltd.	10,111	874,663
Daiwa House Industry Company, Ltd.	97,866	2,288,793
DigitalBridge Group, Inc. (A)	100,778	491,797
Douglas Elliman, Inc.	13,749	65,858
ESR Group, Ltd. (A)(B)	328,400	890,506
eXp World Holdings, Inc. (C)	11,935	140,475
Fastighets AB Balder, B Shares (A)	102,997	493,426
Forestar Group, Inc. (A)	3,325	45,519
FRP Holdings, Inc. (A)	1,220	73,627
Hang Lung Properties, Ltd.	330,313	628,527
Henderson Land Development Company, Ltd.	236,709	889,641
Hongkong Land Holdings, Ltd.	186,334	935,794
Hulic Company, Ltd.	62,669	486,076
Jones Lang LaSalle, Inc. (A)	12,276	2,146,581
Kennedy-Wilson Holdings, Inc.	19,804	375,088
LEG Immobilien SE	11,890	989,505
Lendlease Corp., Ltd.	112,439	708,247
Marcus & Millichap, Inc.	4,204	155,506
Mitsubishi Estate Company, Ltd.	193,024	2,797,562
Mitsui Fudosan Company, Ltd.	148,826	3,197,504
New World Development Company, Ltd.	246,392	887,537
Newmark Group, Inc., Class A	25,148	243,181
Nomura Real Estate Holdings, Inc.	19,363	473,723
Offerpad Solutions, Inc. (A)	12,391	27,012
RE/MAX Holdings, Inc., Class A	3,309	81,137
Redfin Corp. (A)	18,053	148,757
Sagax AB, Class B	31,069	576,009
Seritage Growth Properties, Class A (A)	8,496	44,264
Sino Land Company, Ltd.	559,722	826,528
Stratus Properties, Inc. (A)	1,193	38,444
Sumitomo Realty & Development Company, Ltd.	50,483	1,332,685
Sun Hung Kai Properties, Ltd.	236,314	2,797,971
Swire Pacific, Ltd., Class A	81,518	486,847
Swire Properties, Ltd.	191,087	475,737
Swiss Prime Site AG	12,523	1,100,321
Tejon Ranch Company (A)	3,868	60,031
The RMR Group, Inc., Class A	2,844	80,627
The St. Joe Company	5,803	229,567
UOL Group, Ltd.	75,770	401,626
Vonovia SE	114,091	3,530,028
Wharf Real Estate Investment Company, Ltd.	272,346	1,300,513
		42,203,811
		243,140,955
<b>Utilities – 3.2%</b>		
<b>Electric utilities – 1.8%</b>		
Acciona SA	4,030	742,561
ALLETE, Inc.	23,827	1,400,551
Alliant Energy Corp.	29,195	1,711,119
American Electric Power Company, Inc.	58,733	5,634,844

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electric utilities (continued)</b>		
Chubu Electric Power Company, Inc.	105,129	\$ 1,058,587
CK Infrastructure Holdings, Ltd.	102,843	631,758
CLP Holdings, Ltd.	267,834	2,225,776
Constellation Energy Corp.	36,213	2,073,556
Duke Energy Corp.	87,083	9,336,168
Edison International	42,532	2,689,724
EDP - Energias de Portugal SA	453,137	2,111,768
Electricite de France SA	91,500	751,567
Elia Group SA/NV	5,043	716,209
Endesa SA	51,848	980,830
Enel SpA	1,327,648	7,281,114
Entergy Corp.	23,437	2,639,944
Evergy, Inc.	26,740	1,744,785
Eversource Energy	38,749	3,273,128
Exelon Corp.	110,913	5,026,577
FirstEnergy Corp.	63,584	2,440,990
Fortum OYJ	72,501	1,095,842
Hawaiian Electric Industries, Inc.	27,493	1,124,464
HK Electric Investments, Ltd.	432,500	396,835
Iberdrola SA	945,755	9,846,637
IDACORP, Inc.	12,702	1,345,396
Mercury NZ, Ltd.	111,210	391,583
MGE Energy, Inc.	6,153	478,888
NextEra Energy, Inc.	222,030	17,198,444
NRG Energy, Inc.	25,783	984,137
OGE Energy Corp.	50,298	1,939,491
Origin Energy, Ltd.	287,494	1,141,223
Orsted A/S (B)	30,880	3,252,401
Otter Tail Corp.	6,912	464,003
Pinnacle West Capital Corp.	13,156	961,967
PNM Resources, Inc.	35,796	1,710,333
Portland General Electric Company	38,732	1,871,918
Power Assets Holdings, Ltd.	226,236	1,425,267
PPL Corp.	82,833	2,247,259
Red Electrica Corp. SA	66,243	1,253,952
SSE PLC	173,986	3,433,671
Terna - Rete Elettrica Nazionale	229,671	1,805,727
The Kansai Electric Power Company, Inc.	114,924	1,137,583
The Southern Company	120,120	8,565,757
Tokyo Electric Power Company Holdings, Inc. (A)	249,228	1,042,573
Verbund AG	11,115	1,092,585
Xcel Energy, Inc.	61,173	4,328,601
		125,008,093
<b>Gas utilities – 0.4%</b>		
APA Group	192,600	1,499,925
Atmos Energy Corp.	15,793	1,770,395
Brookfield Infrastructure Corp., Class A	16,598	705,415
Chesapeake Utilities Corp.	2,923	378,675
Enagas SA	40,628	898,551
Hong Kong & China Gas Company, Ltd.	1,828,022	1,972,829
National Fuel Gas Company	22,977	1,517,631
Naturgy Energy Group SA (C)	23,741	686,012
New Jersey Resources Corp.	40,468	1,802,040
Northwest Natural Holding Company	5,792	307,555
ONE Gas, Inc.	22,655	1,839,359
Osaka Gas Company, Ltd.	61,175	1,172,433
Snam SpA	329,166	1,726,925
South Jersey Industries, Inc.	20,716	707,244
Southwest Gas Holdings, Inc.	27,785	2,419,518
Spire, Inc.	21,634	1,608,921
Tokyo Gas Company, Ltd.	64,796	1,342,836

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Gas utilities (continued)</b>		
UGI Corp.	52,757	\$ 2,036,948
		24,393,212
<b>Independent power and renewable electricity producers – 0.1%</b>		
Altus Power, Inc. (A)	7,760	48,966
Clearway Energy, Inc., Class A	6,635	212,121
Clearway Energy, Inc., Class C	13,255	461,804
EDP Renovaveis SA	47,039	1,111,183
Meridian Energy, Ltd.	210,174	613,319
Montauk Renewables, Inc. (A)	11,197	112,530
Ormat Technologies, Inc. (C)	7,589	594,598
RWE AG	104,864	3,878,504
Sunnova Energy International, Inc. (A)	16,872	310,951
The AES Corp.	77,748	1,633,485
Uniper SE	14,934	223,176
		9,200,637
<b>Multi-utilities – 0.8%</b>		
Ameren Corp.	28,739	2,596,856
Avista Corp.	12,153	528,777
Black Hills Corp.	27,162	1,976,579
CenterPoint Energy, Inc.	69,484	2,055,337
CMS Energy Corp.	33,790	2,280,825
Consolidated Edison, Inc.	40,025	3,806,378
Dominion Energy, Inc.	91,721	7,320,253
DTE Energy Company	21,685	2,748,574
E.ON SE	366,483	3,086,914
Engie SA	298,144	3,452,198
National Grid PLC	594,978	7,646,023
NiSource, Inc.	45,795	1,350,495
NorthWestern Corp.	22,722	1,339,007
Public Service Enterprise Group, Inc.	56,473	3,573,611
Sempra Energy	35,541	5,340,746
Unitil Corp.	2,774	162,889
Veolia Environnement SA (C)	108,509	2,659,913
WEC Energy Group, Inc.	35,605	3,583,287
		55,508,662
<b>Water utilities – 0.1%</b>		
American States Water Company	6,222	507,155
American Water Works Company, Inc.	20,368	3,030,147
Artesian Resources Corp., Class A	1,823	89,637
California Water Service Group	9,098	505,394
Essential Utilities, Inc.	57,845	2,652,193
Middlesex Water Company	2,978	261,111
Pure Cycle Corp. (A)	4,357	45,923
Severn Trent PLC	40,856	1,356,426
SJW Group	4,593	286,649
The York Water Company	2,736	110,616
United Utilities Group PLC	111,309	1,385,605
		10,230,856
		224,341,460
<b>TOTAL COMMON STOCKS (Cost \$4,139,128,639)</b>		<b>\$ 6,694,881,429</b>
<b>PREFERRED SECURITIES – 0.1%</b>		
<b>Consumer discretionary – 0.1%</b>		
<b>Automobiles – 0.1%</b>		
Bayerische Motoren Werke AG	9,417	671,671
Porsche Automobil Holding SE	24,995	1,662,443
Volkswagen AG	30,294	4,078,775
		6,412,889
<b>Consumer staples – 0.0%</b>		
<b>Household products – 0.0%</b>		
Henkel AG & Company KGaA	29,083	1,799,672
<b>Health care – 0.0%</b>		

## Strategic Equity Allocation Trust (continued)

	Shares or Principal Amount	Value
<b>PREFERRED SECURITIES (continued)</b>		
<b>Health care equipment and supplies – 0.0%</b>		
Sartorius AG	3,972	\$ 1,394,047
<b>TOTAL PREFERRED SECURITIES (Cost \$9,617,766)</b>		<b>\$ 9,606,608</b>
<b>WARRANTS – 0.0%</b>		
<b>Cie Financiere Richemont SA (Expiration Date: 11-22-23; Strike Price: CHF 67.00) (A)</b>		
	200,486	109,205
<b>Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)</b>		
	480	15,350
<b>Whiting Petroleum Corp., Class A (Expiration Date: 9-1-24; Strike Price: \$73.44) (A)</b>		
	917	12,288
<b>Whiting Petroleum Corp., Class B (Expiration Date: 9-1-25; Strike Price: \$83.45) (A)</b>		
	458	4,809
<b>TOTAL WARRANTS (Cost \$15,655)</b>		<b>\$ 141,652</b>
<b>SHORT-TERM INVESTMENTS – 4.3%</b>		
<b>U.S. Government Agency – 3.3%</b>		
<b>Federal Home Loan Bank Discount Note</b>		
0.750%, 07/11/2022 *	\$ 20,000,000	19,992,278
0.910%, 07/21/2022 *	13,000,000	12,989,963
1.000%, 07/22/2022 *	21,000,000	20,982,864
1.400%, 08/02/2022 *	30,000,000	29,954,558
1.500%, 08/04/2022 *	50,000,000	49,919,533
1.550%, 08/10/2022 *	50,000,000	49,905,347
1.630%, 08/17/2022 *	50,000,000	49,888,801
		233,633,344
<b>Short-term funds – 0.6%</b>		
<b>John Hancock Collateral Trust, 1.4215% (E)(F)</b>		
	4,085,126	40,836,558
<b>Repurchase agreement – 0.4%</b>		
<b>Repurchase Agreement with State Street Corp. dated 6-30-22 at 0.240% to be repurchased at \$30,986,207 on 7-1-22, collateralized by \$31,640,400 U.S. Treasury Notes, 3.000% due 6-30-24 (valued at \$31,605,785)</b>		
	\$ 30,986,000	30,986,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$305,504,023)</b>		<b>\$ 305,455,902</b>
<b>Total Investments (Strategic Equity Allocation Trust) (Cost \$4,454,266,083) – 99.8%</b>		
		<b>\$ 7,010,085,591</b>
<b>Other assets and liabilities, net – 0.2%</b>		
		<b>12,178,789</b>
<b>TOTAL NET ASSETS – 100.0%</b>		
		<b>\$ 7,022,264,380</b>

### Currency Abbreviations

CHF Swiss Franc

### Security Abbreviations and Legend

- ADR American Depositary Receipt  
CVR Contingent Value Right  
(A) Non-income producing security.  
(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.  
(C) All or a portion of this security is on loan as of 6-30-22.  
(D) 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.  
(E) The rate shown is the annualized seven-day yield as of 6-30-22.  
(F) 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 — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Strategic Equity Allocation Trust (continued)

\* 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 <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
MSCI EAFE Index Futures	760	Long	Sep 2022	\$72,844,704	\$70,550,800	\$(2,293,904)
Russell 2000 E-Mini Index Futures	199	Long	Sep 2022	18,102,082	16,994,600	(1,107,482)
S&P 500 E-Mini Index Futures	1,092	Long	Sep 2022	207,393,180	206,906,699	(486,481)
S&P Mid 400 E-Mini Index Futures	87	Long	Sep 2022	20,779,195	19,731,600	(1,047,595)
						<b>\$(4,935,462)</b>

<sup>^</sup> Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

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

## Total Stock Market Index Trust

	Shares or Principal Amount	Value
<b>COMMON STOCKS – 97.8%</b>		
<b>Communication services – 8.5%</b>		
<b>Diversified telecommunication services – 1.0%</b>		
AT&T, Inc.	121,131	\$ 2,538,906
ATN International, Inc.	316	14,824
Bandwidth, Inc., Class A (A)	474	8,921
Cogent Communications Holdings, Inc.	822	49,945
Consolidated Communications Holdings, Inc. (A)	1,652	11,564
EchoStar Corp., Class A (A)	1,756	33,891
Frontier Communications Parent, Inc. (A)	3,391	79,824
Globalstar, Inc. (A)	32,049	39,420
IDT Corp., Class B (A)	471	11,846
Iridium Communications, Inc. (A)	2,396	89,994
Lumen Technologies, Inc.	18,282	199,457
Ooma, Inc. (A)	511	6,050
Telesat Corp. (A)	472	5,272
Verizon Communications, Inc.	70,833	3,594,775
		<b>6,684,689</b>
<b>Entertainment – 1.2%</b>		
Activision Blizzard, Inc.	13,249	1,031,567
AMC Entertainment Holdings, Inc., Class A (A)(B)	9,060	122,763
Cinemark Holdings, Inc. (A)	2,255	33,870
Electronic Arts, Inc.	4,795	583,312
Endeavor Group Holdings, Inc., Class A (A)	11,826	243,143
Gaia, Inc. (A)	509	2,163
Liberty Media Corp.-Liberty Braves, Class A (A)	1,055	26,533
Liberty Media Corp.-Liberty Formula One, Series A (A)	225	13,043
Lions Gate Entertainment Corp., Class B (A)	4,142	36,574
Live Nation Entertainment, Inc. (A)	3,887	320,988
Madison Square Garden Entertainment Corp. (A)	552	29,046
Madison Square Garden Sports Corp. (A)	395	59,645
Netflix, Inc. (A)	7,569	1,323,591
Redbox Entertainment, Inc. (A)(B)	302	2,235
Reservoir Media, Inc. (A)	628	4,095
ROBLOX Corp., Class A (A)	10,056	330,440
Roku, Inc. (A)	2,123	174,383
Sciply Corp., Class A (A)	2,344	32,746

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Entertainment (continued)</b>		
Skillz, Inc. (A)(B)	6,650	\$ 8,246
Take-Two Interactive Software, Inc. (A)	2,816	345,044
The Marcus Corp. (A)	654	9,660
The Walt Disney Company (A)	30,984	2,924,890
Warner Bros Discovery, Inc. (A)	37,836	507,759
Warner Music Group Corp., Class A	8,930	217,535
World Wrestling Entertainment, Inc., Class A	1,386	86,611
		<b>8,469,882</b>
<b>Interactive media and services – 4.9%</b>		
Actua Corp. (A)(C)	909	32
Alphabet, Inc., Class A (A)	5,087	11,085,896
Alphabet, Inc., Class C (A)	6,095	13,332,488
Angi, Inc. (A)	9,083	41,600
Bumble, Inc., Class A (A)	1,949	54,864
CarGurus, Inc. (A)	2,085	44,807
Cars.com, Inc. (A)	1,331	12,551
Eventbrite, Inc., Class A (A)	1,726	17,726
EverQuote, Inc., Class A (A)	566	5,003
IAC/InterActiveCorp (A)	1,594	121,096
Match Group, Inc. (A)	4,895	341,133
MediaAlpha, Inc., Class A (A)	859	8,461
Meta Platforms, Inc., Class A (A)	46,448	7,489,740
Nextdoor Holdings, Inc. (A)	5,834	19,311
Outbrain, Inc. (A)	626	3,149
Pinterest, Inc., Class A (A)	11,371	206,497
QuinStreet, Inc. (A)	1,058	10,643
Snap, Inc., Class A (A)	23,418	307,478
Society Pass, Inc. (A)	247	479
TripAdvisor, Inc. (A)	2,236	39,801
TrueCar, Inc. (A)	2,265	5,866
Twitter, Inc. (A)	13,808	516,281
Vimeo, Inc. (A)	2,863	17,235
Yelp, Inc. (A)	1,333	37,017
Ziff Davis, Inc. (A)	840	62,605
ZipRecruiter, Inc., Class A (A)	1,805	26,750
ZoomInfo Technologies, Inc. (A)	6,815	226,531
		<b>34,035,040</b>
<b>Media – 1.0%</b>		
AdTheorent Holding Company, Inc. (A)	292	902
Advantage Solutions, Inc. (A)	1,149	4,366
Altice USA, Inc., Class A (A)	8,159	75,471

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Media (continued)</b>		
AMC Networks, Inc., Class A (A)	803	\$ 23,383
Audacy, Inc. (A)	3,101	2,922
Boston Omaha Corp., Class A (A)	528	10,903
Cable One, Inc.	108	139,247
Cardlytics, Inc. (A)	542	12,092
Charter Communications, Inc., Class A (A)	2,966	1,389,660
Clear Channel Outdoor Holdings, Inc. (A)	8,922	9,547
Comcast Corp., Class A	79,198	3,107,730
comScore, Inc. (A)	384	791
DISH Network Corp., Class A (A)	9,311	166,946
Emerald Holding, Inc. (A)	1,734	7,057
Entravision Communications Corp., Class A	1,680	7,661
Fox Corp., Class A	2,199	70,720
Fox Corp., Class B	7,492	222,512
Gannett Company, Inc. (A)	2,798	8,114
Gray Television, Inc.	1,878	31,719
Hemisphere Media Group, Inc. (A)	614	4,685
iHeartMedia, Inc., Class A (A)	2,155	17,003
Integral Ad Science Holding Corp. (A)	2,544	25,262
John Wiley & Sons, Inc., Class A	999	47,712
Liberty Media Corp.-Liberty SiriusXM, Series A	2,949	106,282
Liberty Media Corp.-Liberty SiriusXM, Series C (A)	2,528	91,134
Loyalty Ventures, Inc. (A)	372	1,328
Magnite, Inc. (A)	2,098	18,630
National CineMedia, Inc.	1,758	1,611
News Corp., Class A	9,963	155,224
Nexstar Media Group, Inc., Class A	693	112,876
Omnicom Group, Inc.	3,504	222,889
Paramount Global, Class B	11,333	279,698
PubMatic, Inc., Class A (A)	758	12,045
Saga Communications, Inc., Class A	454	11,282
Scholastic Corp.	619	22,265
Sinclair Broadcast Group, Inc., Class A	1,490	30,396
Sirius XM Holdings, Inc. (B)	68,959	422,719
TechTarget, Inc. (A)	514	33,780
TEGNA, Inc.	3,707	77,736
The EW Scripps Company, Class A (A)	1,748	21,798
The Interpublic Group of Companies, Inc.	6,828	187,975
The New York Times Company, Class A	2,947	82,221
Tremor International, Ltd. (A)	81	346
Urban One, Inc. (A)	118	505
WideOpenWest, Inc. (A)	1,455	26,496
		7,305,641
<b>Wireless telecommunication services – 0.4%</b>		
Gogo, Inc. (A)	2,008	32,510
Shenandoah Telecommunications Company	1,007	22,355
Spok Holdings, Inc.	499	3,144
Telephone & Data Systems, Inc.	2,276	35,938
T-Mobile US, Inc. (A)	21,200	2,852,248
United States Cellular Corp. (A)	1,559	45,149
		2,991,344
		59,486,596
<b>Consumer discretionary – 10.9%</b>		
<b>Auto components – 0.1%</b>		
American Axle & Manufacturing Holdings, Inc. (A)	2,288	17,229
Autoliv, Inc.	1,369	97,979
BorgWarner, Inc.	4,154	138,619
Dana, Inc.	2,759	38,819
Dorman Products, Inc. (A)	541	59,353
Fox Factory Holding Corp. (A)	779	62,741

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Auto components (continued)</b>		
Gentex Corp.	3,814	\$ 106,678
Gentherm, Inc. (A)	623	38,881
Holley, Inc. (A)	1,608	16,884
Horizon Global Corp. (A)	154	251
LCI Industries	448	50,122
Lear Corp.	1,032	129,918
Modine Manufacturing Company (A)	1,173	12,352
Motorcar Parts of America, Inc. (A)	476	6,245
Patrick Industries, Inc.	466	24,157
QuantumScape Corp. (A)(B)	7,355	63,179
Standard Motor Products, Inc.	472	21,235
Stoneridge, Inc. (A)	619	10,616
Superior Industries International, Inc. (A)	134	529
Tenneco, Inc., Class A (A)	1,225	21,021
The Goodyear Tire & Rubber Company (A)	5,022	53,786
Visteon Corp. (A)	531	55,001
		1,025,595
<b>Automobiles – 2.1%</b>		
Arcimoto, Inc. (A)(B)	520	1,700
AYRO, Inc. (A)	4,451	3,729
Faraday Future Intelligent Electric, Inc. (A)(B)	5,346	13,900
Ford Motor Company	68,674	764,342
General Motors Company (A)	24,579	780,629
Harley-Davidson, Inc.	2,765	87,540
Lucid Group, Inc. (A)(B)	28,501	489,077
Mullen Automotive, Inc. (A)	108	110
Rivian Automotive, Inc., Class A (A)(B)	15,153	390,038
Tesla, Inc. (A)	17,398	11,716,161
Thor Industries, Inc.	994	74,282
Winnebago Industries, Inc.	625	30,350
		14,351,858
<b>Distributors – 0.1%</b>		
Funko, Inc., Class A (A)	938	20,936
Genuine Parts Company	2,369	315,077
LKQ Corp.	4,863	238,725
Pool Corp.	679	238,485
Weyco Group, Inc.	262	6,406
		819,629
<b>Diversified consumer services – 0.2%</b>		
2U, Inc. (A)	1,345	14,082
ADT, Inc.	13,826	85,030
Adtalem Global Education, Inc. (A)	948	34,100
American Public Education, Inc. (A)	372	6,012
Bright Horizons Family Solutions, Inc. (A)	1,087	91,873
Carriage Services, Inc.	377	14,948
Chegg, Inc. (A)	2,536	47,626
Coursera, Inc. (A)	2,210	31,338
Duolingo, Inc. (A)	621	54,369
European Wax Center, Inc., Class A	916	16,140
frontdoor, Inc. (A)	1,584	38,143
Graham Holdings Company, Class B	32	18,139
Grand Canyon Education, Inc. (A)	589	55,478
H&R Block, Inc.	3,133	110,658
ITT Educational Services, Inc. (A)(C)	608	0
Laureate Education, Inc.	3,804	44,012
Mister Car Wash, Inc. (A)	4,643	50,516
Nerdy, Inc. (A)	2,326	4,954
Perdoceo Education Corp. (A)	1,522	17,929
PowerSchool Holdings, Inc., Class A (A)	3,254	39,211
Rover Group, Inc. (A)	2,832	10,648
Service Corp. International	2,630	181,786
StoneMor, Inc. (A)	3,034	10,376

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified consumer services (continued)</b>		
Strategic Education, Inc.	459	\$ 32,396
Stride, Inc. (A)	765	31,204
Terminix Global Holdings, Inc. (A)	2,149	87,357
The Beachbody Company, Inc. (A)	4,559	5,471
Udemy, Inc. (A)	1,436	14,662
WW International, Inc. (A)	1,278	8,166
		1,156,624
<b>Hotels, restaurants and leisure – 2.0%</b>		
Accel Entertainment, Inc. (A)	1,164	12,362
Airbnb, Inc., Class A (A)	10,836	965,271
Ambassadors Group, Inc. (A)(C)	714	29
Aramark	4,613	141,296
Bally's Corp. (A)	742	14,677
BBQ Holdings, Inc. (A)	30	313
Biglari Holdings, Inc., Class B (A)	58	7,117
BJ's Restaurants, Inc. (A)	418	9,062
Bloomin' Brands, Inc.	1,726	28,686
Bluegreen Vacations Holding Corp.	472	11,781
Booking Holdings, Inc. (A)	696	1,217,297
Boyd Gaming Corp.	1,907	94,873
Brinker International, Inc. (A)	773	17,029
Caesars Entertainment, Inc. (A)	3,709	142,055
Carnival Corp. (A)	17,373	150,276
Carrols Restaurant Group, Inc.	1,021	2,062
Cedar Fair LP (A)	1,089	47,818
Century Casinos, Inc. (A)	682	4,910
Chipotle Mexican Grill, Inc. (A)	483	631,407
Choice Hotels International, Inc.	979	109,286
Churchill Downs, Inc.	617	118,174
Chuy's Holdings, Inc. (A)	395	7,868
Cracker Barrel Old Country Store, Inc.	465	38,823
Darden Restaurants, Inc.	2,252	254,746
Dave & Buster's Entertainment, Inc. (A)	672	22,028
Denny's Corp. (A)	1,245	10,807
Dine Brands Global, Inc.	324	21,086
Domino's Pizza, Inc.	632	246,297
DraftKings, Inc., Class A (A)	14,066	164,150
Drive Shack, Inc. (A)	1,927	2,640
Dutch Bros, Inc., Class A (A)(B)	2,817	89,158
EBET, Inc. (A)	134	322
El Pollo Loco Holdings, Inc. (A)	824	8,108
Everi Holdings, Inc. (A)	1,659	27,058
Expedia Group, Inc. (A)	2,579	244,567
F45 Training Holdings, Inc. (A)	1,198	4,708
FAT Brands, Inc., Class A	101	752
Fiesta Restaurant Group, Inc. (A)	709	5,062
Full House Resorts, Inc. (A)	163	991
Golden Entertainment, Inc. (A)	568	22,464
Hilton Grand Vacations, Inc. (A)	1,856	66,315
Hilton Worldwide Holdings, Inc.	4,658	519,088
Hyatt Hotels Corp., Class A (A)	1,856	137,177
Inspired Entertainment, Inc. (A)	189	1,627
Jack in the Box, Inc.	387	21,695
Krispy Kreme, Inc.	2,475	33,660
Kura Sushi USA, Inc., Class A (A)	110	5,448
Las Vegas Sands Corp. (A)	13,059	438,652
Life Time Group Holdings, Inc. (A)	2,149	27,679
Light & Wonder, Inc. (A)	1,726	81,105
Marriott International, Inc., Class A	5,491	746,831
Marriott Vacations Worldwide Corp.	752	87,382
McDonald's Corp.	12,477	3,080,322
Membership Collective Group, Inc., Class A (A)	3,166	20,516
MGM Resorts International	7,594	219,846
Monarch Casino & Resort, Inc. (A)	382	22,412

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Hotels, restaurants and leisure (continued)</b>		
Nathan's Famous, Inc.	100	\$ 5,857
Noodles & Company (A)	1,045	4,912
Norwegian Cruise Line Holdings, Ltd. (A)	6,309	70,156
Papa John's International, Inc.	670	55,958
Penn National Gaming, Inc. (A)	2,894	88,035
Planet Fitness, Inc., Class A (A)	1,554	105,688
PlayAGS, Inc. (A)	812	4,190
Portillo's, Inc., Class A (A)	529	8,649
Potbelly Corp. (A)	25	141
RCI Hospitality Holdings, Inc.	210	10,156
Red Robin Gourmet Burgers, Inc. (A)	308	2,473
Red Rock Resorts, Inc., Class A	2,005	66,887
Restaurant Brands International LP	82	4,095
Royal Caribbean Cruises, Ltd. (A)	4,419	154,267
Ruth's Hospitality Group, Inc.	679	11,041
SeaWorld Entertainment, Inc. (A)	1,402	61,940
Shake Shack, Inc., Class A (A)	773	30,518
Six Flags Entertainment Corp. (A)	1,568	34,026
Starbucks Corp.	19,587	1,496,251
Sweetgreen, Inc., Class A (A)	1,407	16,392
Target Hospitality Corp. (A)	729	4,163
Texas Roadhouse, Inc.	1,322	96,770
The Cheesecake Factory, Inc.	940	24,835
The Wendy's Company	3,552	67,062
Travel + Leisure Company	1,587	61,607
Vail Resorts, Inc.	654	142,605
Wingstop, Inc.	558	41,722
Wyndham Hotels & Resorts, Inc.	1,716	112,776
Wynn Resorts, Ltd. (A)	2,075	118,234
Xponential Fitness, Inc., Class A (A)	696	8,742
Yum! Brands, Inc.	4,798	544,621
		13,861,940
<b>Household durables – 0.4%</b>		
Aterian, Inc. (A)	1,719	3,713
Bassett Furniture Industries, Inc.	298	5,400
Beazer Homes USA, Inc. (A)	757	9,137
Cavco Industries, Inc. (A)	176	34,494
Century Communities, Inc.	564	25,363
Cricut, Inc., Class A (A)(B)	3,750	23,025
D.R. Horton, Inc.	5,891	389,925
Dream Finders Homes, Inc., Class A (A)	1,315	13,992
Ethan Allen Interiors, Inc.	592	11,964
Flexsteel Industries, Inc.	230	4,140
GoPro, Inc., Class A (A)	2,917	16,131
Green Brick Partners, Inc. (A)	1,021	19,981
Hamilton Beach Brands Holding Company, Class A	354	4,393
Hamilton Beach Brands Holding Company, Class B	241	2,991
Helen of Troy, Ltd. (A)	381	61,878
Hooker Furnishings Corp.	271	4,214
Hovnanian Enterprises, Inc., Class A (A)	117	5,006
Installed Building Products, Inc.	560	46,570
iRobot Corp. (A)	525	19,294
KB Home	1,336	38,023
La-Z-Boy, Inc.	888	21,054
Legacy Housing Corp. (A)	580	7,569
Leggett & Platt, Inc.	2,410	83,338
Lennar Corp., A Shares	4,775	336,972
M/I Homes, Inc. (A)	519	20,584
MDC Holdings, Inc.	1,048	33,861
Meritage Homes Corp. (A)	502	36,395
Mohawk Industries, Inc. (A)	1,115	138,360
Newell Brands, Inc.	7,423	141,334
NVR, Inc. (A)	55	220,228



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Household durables (continued)</b>		
PulteGroup, Inc.	4,043	\$ 160,224
Purple Innovation, Inc. (A)	922	2,821
Skyline Champion Corp. (A)	1,047	49,649
Snap One Holdings Corp. (A)	1,112	10,197
Sonos, Inc. (A)	2,295	41,402
Taylor Morrison Home Corp. (A)	2,143	50,060
Tempur Sealy International, Inc.	3,228	68,982
The Lovesac Company (A)	280	7,700
Toll Brothers, Inc.	1,949	86,925
TopBuild Corp. (A)	586	97,956
Traeger, Inc. (A)	1,820	7,735
Tri Pointe Homes, Inc. (A)	1,388	23,416
Tupperware Brands Corp. (A)	955	6,055
Universal Electronics, Inc. (A)	312	7,978
Vizio Holding Corp., Class A (A)	2,995	20,426
VOXX International Corp. (A)	708	6,591
Weber, Inc., Class A (B)	4,667	33,649
Whirlpool Corp.	934	144,649
		2,605,744
<b>Internet and direct marketing retail – 2.9%</b>		
1-800-Flowers.com, Inc., Class A (A)	1,178	11,203
1847 Goedecker, Inc. (A)	2,236	2,728
Istdibs.com, Inc. (A)	442	2,515
Aka Brands Holding Corp. (A)	1,841	5,081
Amazon.com, Inc. (A)	172,240	18,293,610
Boxed, Inc. (A)(B)	220	407
CarParts.com, Inc. (A)	587	4,074
Chewy, Inc., Class A (A)(B)	7,353	255,296
ContextLogic, Inc., Class A (A)	11,179	17,886
DoorDash, Inc., Class A (A)	5,960	382,453
Duluth Holdings, Inc., Class B (A)	700	6,678
eBay, Inc.	10,005	416,908
Etsy, Inc. (A)	2,236	163,698
Groupon, Inc. (A)	572	6,464
Lands' End, Inc. (A)	610	6,478
Liquidity Services, Inc. (A)	666	8,951
Overstock.com, Inc. (A)	765	19,133
PetMed Express, Inc.	456	9,074
Poshmark, Inc., Class A (A)	1,160	11,728
Quotient Technology, Inc. (A)	1,823	5,414
Qurate Retail, Inc., Series A	7,183	20,615
Rent the Runway, Inc., Class A (A)	740	2,272
Revolve Group, Inc. (A)	1,292	33,476
RumbleON, Inc., Class B (A)	206	3,030
Shutterstock, Inc.	655	37,538
Stitch Fix, Inc., Class A (A)	1,919	9,480
The RealReal, Inc. (A)	1,706	4,248
ThredUp, Inc., Class A (A)	1,512	3,780
Vivid Seats, Inc., Class A	1,894	14,148
Wayfair, Inc., Class A (A)	1,829	79,671
Xometry, Inc., Class A (A)	602	20,426
		19,858,463
<b>Leisure products – 0.1%</b>		
Acushnet Holdings Corp.	1,273	53,059
American Outdoor Brands, Inc. (A)	307	2,920
Brunswick Corp.	1,332	87,086
Callaway Golf Company (A)	3,017	61,547
Clarus Corp.	526	9,989
Escalade, Inc.	418	5,430
Hasbro, Inc.	2,395	196,103
Johnson Outdoors, Inc., Class A	208	12,721
Latham Group, Inc. (A)	1,896	13,139
Malibu Boats, Inc., Class A (A)	395	20,820
Marine Products Corp.	742	7,056
MasterCraft Boat Holdings, Inc. (A)	427	8,988

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Leisure products (continued)</b>		
Mattel, Inc. (A)	6,038	\$ 134,829
Nautilus, Inc. (A)	464	812
Peloton Interactive, Inc., Class A (A)	5,316	48,801
Polaris, Inc.	1,076	106,825
Smith & Wesson Brands, Inc.	903	11,856
Sturm Ruger & Company, Inc.	342	21,768
Vinco Ventures, Inc. (A)(B)	2,013	2,778
Vista Outdoor, Inc. (A)	1,027	28,653
YETI Holdings, Inc. (A)	1,561	67,544
		902,724
<b>Multiline retail – 0.4%</b>		
Big Lots, Inc.	645	13,526
Dillard's, Inc., Class A	343	75,656
Dollar General Corp.	3,885	953,534
Dollar Tree, Inc. (A)	3,781	589,269
Franchise Group, Inc.	539	18,903
Kohl's Corp.	2,469	88,119
Macy's, Inc.	4,853	88,907
Nordstrom, Inc.	2,853	60,284
Ollie's Bargain Outlet Holdings, Inc. (A)	1,183	69,501
Target Corp.	8,106	1,144,810
		3,102,509
<b>Specialty retail – 2.0%</b>		
Abercrombie & Fitch Company, Class A (A)	1,074	18,172
Academy Sports & Outdoors, Inc.	1,476	52,457
Advance Auto Parts, Inc.	1,020	176,552
American Eagle Outfitters, Inc.	3,071	34,334
America's Car-Mart, Inc. (A)	119	11,971
Arhaus, Inc. (A)	1,503	6,764
Asbury Automotive Group, Inc. (A)	380	64,349
AutoNation, Inc. (A)	985	110,084
AutoZone, Inc. (A)	345	741,446
Barnes & Noble Education, Inc. (A)	1,158	3,393
Bath & Body Works, Inc.	4,391	118,206
Bed Bath & Beyond, Inc. (A)	1,937	9,627
Best Buy Company, Inc.	4,069	265,258
Big 5 Sporting Goods Corp. (B)	321	3,598
Boot Barn Holdings, Inc. (A)	531	36,591
Brilliant Earth Group, Inc., Class A (A)	1,474	7,002
Build-A-Bear Workshop, Inc.	144	2,364
Burlington Stores, Inc. (A)	1,133	154,349
Caleres, Inc.	774	20,310
Camping World Holdings, Inc., Class A (B)	1,591	34,350
CarMax, Inc. (A)	2,740	247,915
Carvana Company (A)	3,047	68,801
Chico's FAS, Inc. (A)	2,330	11,580
Citi Trends, Inc. (A)	191	4,517
Conn's, Inc. (A)	510	4,090
Designer Brands, Inc., Class A	1,409	18,402
Destination XL Group, Inc. (A)	752	2,549
Dick's Sporting Goods, Inc. (B)	1,471	110,869
EVgo, Inc. (A)(B)	4,917	29,551
Express, Inc. (A)	817	1,601
Five Below, Inc. (A)	996	112,976
Floor & Decor Holdings, Inc., Class A (A)	1,885	118,680
Foot Locker, Inc.	1,699	42,900
GameStop Corp., Class A (A)(B)	1,342	164,127
Genesco, Inc. (A)	296	14,773
Group 1 Automotive, Inc.	246	41,771
Guess?, Inc.	1,272	21,688
Haverty Furniture Companies, Inc.	406	9,411
Hibbett, Inc.	306	13,375
J. Jill, Inc. (A)	28	512

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Specialty retail (continued)</b>		
JOANN, Inc.	421	\$ 3,263
Kirkland's, Inc. (A)	147	517
Lazydays Holdings, Inc. (A)	67	789
Leslie's, Inc. (A)	3,078	46,724
Lithia Motors, Inc.	496	136,306
LL Flooring Holdings, Inc. (A)	701	6,568
LMP Automotive Holdings, Inc. (A)	214	1,017
Lowe's Companies, Inc.	11,298	1,973,422
MarineMax, Inc. (A)	429	15,495
Monro, Inc.	639	27,400
Murphy USA, Inc.	410	95,477
National Vision Holdings, Inc. (A)	1,537	42,268
OneWater Marine, Inc., Class A (A)	187	6,180
O'Reilly Automotive, Inc. (A)	1,121	708,203
Party City Holdco, Inc. (A)	1,740	2,297
Penske Automotive Group, Inc.	1,222	127,931
Petco Health & Wellness Company, Inc. (A)	3,669	54,081
Rent-A-Center, Inc.	1,196	23,262
RH (A)	372	78,961
Ross Stores, Inc.	5,921	415,832
Sally Beauty Holdings, Inc. (A)	2,067	24,639
Shoe Carnival, Inc.	547	11,821
Signet Jewelers, Ltd.	943	50,413
Sleep Number Corp. (A)	444	13,742
Sonic Automotive, Inc., Class A	786	28,791
Sportsman's Warehouse Holdings, Inc. (A)	611	5,859
The Aaron's Company, Inc.	685	9,967
The Buckle, Inc.	807	22,346
The Cato Corp., Class A	560	6,502
The Children's Place, Inc. (A)	273	10,625
The Container Store Group, Inc. (A)	658	4,099
The Gap, Inc.	6,757	55,678
The Home Depot, Inc.	17,636	4,837,026
The ODP Corp. (A)	969	29,303
The TJX Companies, Inc.	20,133	1,124,428
Tilly's, Inc., Class A	687	4,823
Torrid Holdings, Inc. (A)	1,663	7,184
Tractor Supply Company	1,897	367,733
TravelCenters of America, Inc. (A)	191	6,584
Ulta Beauty, Inc. (A)	912	351,558
Urban Outfitters, Inc. (A)	1,797	33,532
Victoria's Secret & Company (A)	1,442	40,333
Volta, Inc. (A)	1,296	1,685
Vroom, Inc. (A)	2,301	2,876
Warby Parker, Inc., Class A (A)	1,697	19,108
Williams-Sonoma, Inc.	1,255	139,242
Winmark Corp.	75	14,668
Zumiez, Inc. (A)	453	11,778
		13,913,601
<b>Textiles, apparel and luxury goods – 0.6%</b>		
Allbirds, Inc., Class A (A)	1,736	6,822
Carter's, Inc.	593	41,795
Columbia Sportswear Company	1,048	75,016
Crocs, Inc. (A)	1,070	52,077
Culp, Inc.	350	1,505
Deckers Outdoor Corp. (A)	438	111,843
Fossil Group, Inc. (A)	1,102	5,697
G-III Apparel Group, Ltd. (A)	960	19,421
Hanesbrands, Inc.	6,267	64,487
Kontoor Brands, Inc.	1,067	35,606
Levi Strauss & Company, Class A	7,232	118,026
Movado Group, Inc.	465	14,382
NIKE, Inc., Class B	26,869	2,746,012
Oxford Industries, Inc.	331	29,373

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Textiles, apparel and luxury goods (continued)</b>		
PVH Corp.	1,268	\$ 72,149
Ralph Lauren Corp.	1,327	118,966
Rocky Brands, Inc.	191	6,528
Skechers USA, Inc., Class A (A)	2,777	98,806
Steven Madden, Ltd.	1,457	46,930
Superior Group of Companies, Inc.	407	7,224
Tapestry, Inc.	4,820	147,106
Under Armour, Inc., Class A (A)	7,212	60,076
Unifi, Inc. (A)	438	6,158
Vera Bradley, Inc. (A)	773	3,355
VF Corp.	6,828	301,593
Wolverine World Wide, Inc.	1,556	31,369
		4,222,322
		75,821,009
<b>Consumer staples – 6.9%</b>		
<b>Beverages – 1.7%</b>		
Brown-Forman Corp., Class B	8,033	563,595
Celsius Holdings, Inc. (A)	1,351	88,166
Coca-Cola Consolidated, Inc.	163	91,916
Constellation Brands, Inc., Class A	3,132	729,944
Keurig Dr. Pepper, Inc.	24,413	863,976
MGP Ingredients, Inc.	345	34,531
Molson Coors Beverage Company, Class B	3,790	206,593
Monster Beverage Corp. (A)	9,035	837,545
National Beverage Corp.	1,726	84,470
PepsiCo, Inc.	23,284	3,880,511
Primo Water Corp.	398	5,325
The Boston Beer Company, Inc., Class A (A)	221	66,956
The Coca-Cola Company	73,132	4,600,734
The Duckhorn Portfolio, Inc. (A)	1,652	34,791
Zevia PBC, Class A (A)	777	2,183
		12,091,236
<b>Food and staples retailing – 1.8%</b>		
Albertsons Companies, Inc., Class A	7,979	213,199
BJ's Wholesale Club Holdings, Inc. (A)	2,263	141,030
Blue Apron Holdings, Inc., Class A (A)	262	954
Casey's General Stores, Inc.	592	109,508
Costco Wholesale Corp.	7,504	3,596,517
Grocery Outlet Holding Corp. (A)	1,797	76,606
HF Foods Group, Inc. (A)	1,021	5,330
Ingles Markets, Inc., Class A	329	28,541
Natural Grocers by Vitamin Cottage, Inc.	523	8,342
Performance Food Group Company (A)	2,758	126,813
PriceSmart, Inc.	564	40,399
Rite Aid Corp. (A)	1,178	7,940
SpartanNash Company	831	25,071
Sprouts Farmers Market, Inc. (A)	2,029	51,374
Sysco Corp.	8,732	739,688
The Andersons, Inc.	755	24,907
The Chefs' Warehouse, Inc. (A)	665	25,862
The Kroger Company	12,464	589,921
U.S. Foods Holding Corp. (A)	4,076	125,052
United Natural Foods, Inc. (A)	1,030	40,582
Village Super Market, Inc., Class A	374	8,531
Walgreens Boots Alliance, Inc.	14,404	545,912
Walmart, Inc.	46,776	5,687,026
Weis Markets, Inc.	498	37,121
		12,256,226
<b>Food products – 1.3%</b>		
Alico, Inc.	195	6,948
Archer-Daniels-Midland Company	9,537	740,071
B&G Foods, Inc. (B)	1,224	29,107
Beyond Meat, Inc. (A)(B)	1,148	27,483

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Food products (continued)</b>		
Bunge, Ltd.	2,386	\$ 216,386
Calavo Growers, Inc.	372	15,520
Cal-Maine Foods, Inc.	883	43,629
Campbell Soup Company	5,026	241,499
Conagra Brands, Inc.	8,347	285,801
Darling Ingredients, Inc. (A)	2,817	168,457
Flowers Foods, Inc.	3,697	97,305
Fresh Del Monte Produce, Inc.	1,036	30,593
Freshpet, Inc. (A)	763	39,592
General Mills, Inc.	10,033	756,990
Hormel Foods Corp.	8,869	420,036
Hostess Brands, Inc. (A)	2,428	51,498
Ingredion, Inc.	1,107	97,593
J&J Snack Foods Corp.	372	51,954
John B. Sanfilippo & Son, Inc.	247	17,905
Kellogg Company	5,580	398,077
Laird Superfood, Inc. (A)	38	73
Lamb Weston Holdings, Inc.	2,567	183,438
Lancaster Colony Corp.	432	55,633
Landec Corp. (A)	729	7,268
Limoneira Company	402	5,664
McCormick & Company, Inc.	4,508	375,291
Mission Produce, Inc. (A)	643	9,163
Mondelez International, Inc., Class A	23,334	1,448,808
Pilgrim's Pride Corp. (A)	4,205	131,322
Post Holdings, Inc. (A)	1,120	92,232
Sanderson Farms, Inc.	321	69,185
Seaboard Corp.	15	58,239
Seneca Foods Corp., Class A (A)	231	12,830
Sovos Brands, Inc. (A)	1,290	20,472
The Hain Celestial Group, Inc. (A)	1,742	41,355
The Hershey Company	3,438	739,720
The J.M. Smucker Company	1,579	202,128
The Kraft Heinz Company	20,692	789,193
The Simply Good Foods Company (A)	1,833	69,232
Tootsie Roll Industries, Inc.	1,341	47,404
TreeHouse Foods, Inc. (A)	1,100	46,002
Tyson Foods, Inc., Class A	6,084	523,589
Vital Farms, Inc. (A)	450	3,938
		8,668,623
<b>Household products – 1.2%</b>		
Central Garden & Pet Company, Class A (A)	1,140	45,611
Church & Dwight Company, Inc.	4,083	378,331
Colgate-Palmolive Company	14,178	1,136,225
Energizer Holdings, Inc.	1,319	37,394
Kimberly-Clark Corp.	5,586	754,948
Oil-Dri Corp. of America	183	5,609
Reynolds Consumer Products, Inc.	2,722	74,229
Spectrum Brands Holdings, Inc.	719	58,972
The Clorox Company	2,079	293,097
The Procter & Gamble Company	40,494	5,822,632
WD-40 Company	237	47,722
		8,654,770
<b>Personal products – 0.3%</b>		
BellRing Brands, Inc. (A)	2,012	50,079
Coty, Inc., Class A (A)	13,695	109,697
Edgewell Personal Care Company	1,013	34,969
elf Beauty, Inc. (A)	1,002	30,741
Herbalife Nutrition, Ltd. (A)	1,994	40,777
Inter Parfums, Inc.	609	44,494
Medifast, Inc.	216	38,990
Nature's Sunshine Products, Inc. (A)	585	6,242
Nu Skin Enterprises, Inc., Class A	977	42,304
Olaplex Holdings, Inc. (A)	11,131	156,836

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Personal products (continued)</b>		
Revlon, Inc., Class A (A)(B)	1,150	\$ 6,233
The Estee Lauder Companies, Inc., Class A	6,134	1,562,146
The Honest Company, Inc. (A)	1,180	3,446
Thorne HealthTech, Inc. (A)	552	2,672
USANA Health Sciences, Inc. (A)	350	25,326
Veru, Inc. (A)(B)	1,088	12,294
		2,167,246
<b>Tobacco – 0.6%</b>		
22nd Century Group, Inc. (A)	3,256	6,935
Altria Group, Inc.	30,609	1,278,538
Philip Morris International, Inc.	26,167	2,583,730
Turning Point Brands, Inc.	361	9,794
Universal Corp.	431	26,076
Vector Group, Ltd.	2,715	28,508
		3,933,581
		47,771,682
<b>Energy – 4.7%</b>		
<b>Energy equipment and services – 0.4%</b>		
Archrock, Inc.	3,041	25,149
Baker Hughes Company	17,558	506,899
Bristow Group, Inc. (A)	260	6,084
Cactus, Inc., Class A	1,371	55,210
ChampionX Corp.	3,261	64,731
DMC Global, Inc. (A)	314	5,661
Dril-Quip, Inc. (A)	785	20,253
Exterran Corp. (A)	1,489	6,403
Halliburton Company	15,146	474,979
Helix Energy Solutions Group, Inc. (A)	3,143	9,743
Helmerich & Payne, Inc.	1,952	84,053
KLX Energy Services Holdings, Inc. (A)	86	372
Liberty Energy, Inc. (A)	2,697	34,414
Mammoth Energy Services, Inc. (A)	344	757
Nabors Industries, Ltd. (A)	179	23,968
National Energy Services Reunited Corp. (A)	1,682	11,404
Newpark Resources, Inc. (A)	2,201	6,801
NexTier Oilfield Solutions, Inc. (A)	4,459	42,405
NOV, Inc.	7,253	122,648
Oceaneering International, Inc. (A)	1,924	20,548
Oil States International, Inc. (A)	1,360	7,371
Patterson-UTI Energy, Inc.	4,208	66,318
ProPetro Holding Corp. (A)	1,939	19,390
RPC, Inc. (A)	4,336	29,962
Schlumberger NV	23,949	856,416
SEACOR Marine Holdings, Inc. (A)	67	386
Select Energy Services, Inc., Class A (A)	2,431	16,579
Solaris Oilfield Infrastructure, Inc., Class A	1,111	12,088
TETRA Technologies, Inc. (A)	1,157	4,697
Tidewater, Inc. (A)	820	17,294
USA Compression Partners LP	2,101	35,129
		2,588,112
<b>Oil, gas and consumable fuels – 4.3%</b>		
Aemetis, Inc. (A)	638	3,133
Alliance Resource Partners LP	2,397	43,697
Alto Ingredients, Inc. (A)	841	3,120
Amplify Energy Corp. (A)	157	1,027
Antero Midstream Corp.	8,691	78,654
Antero Resources Corp. (A)	5,545	169,954
APA Corp.	6,333	221,022
Arch Resources, Inc.	237	33,912
Archaea Energy, Inc. (A)	1,370	21,276
Black Stone Minerals LP	4,319	59,127
BP PLC, ADR	688	19,505

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Brigham Minerals, Inc., Class A	1,168	\$ 28,768
California Resources Corp.	1,269	48,857
Callon Petroleum Company (A)	932	36,534
Calumet Specialty Products Partners LP (A)	1,619	16,821
Centennial Resource Development, Inc., Class A (A)	5,240	31,335
Centrus Energy Corp., Class A (A)	198	4,901
Cheniere Energy, Inc.	4,369	581,208
Chesapeake Energy Corp.	1,424	115,486
Chevron Corp.	33,066	4,787,295
Civitas Resources, Inc.	958	50,094
Clean Energy Fuels Corp. (A)	4,254	19,058
CNX Resources Corp. (A)	4,165	68,556
Comstock Resources, Inc. (A)	3,787	45,747
ConocoPhillips	22,092	1,984,083
CONSOL Energy, Inc. (A)	636	31,406
Continental Resources, Inc.	6,289	410,986
Coterra Energy, Inc.	13,701	353,349
Crescent Energy Company, Class A	2,209	27,568
Crestwood Equity Partners LP	1,830	44,066
CrossAmerica Partners LP	693	14,033
CVR Energy, Inc.	1,445	48,408
DCP Midstream LP	3,813	112,789
Delek Logistics Partners LP	535	26,055
Delek US Holdings, Inc. (A)	1,558	40,259
Denbury, Inc. (A)	828	49,672
Devon Energy Corp.	11,399	628,199
Diamondback Energy, Inc.	3,057	370,356
Dorchester Minerals LP	821	19,581
Dorian LPG, Ltd.	943	14,334
DT Midstream, Inc.	1,701	83,383
Energy Transfer LP	52,179	520,746
EnLink Midstream LLC (A)	9,120	77,520
Enterprise Products Partners LP	36,098	879,708
Enviva, Inc.	868	49,667
EOG Resources, Inc.	9,973	1,101,418
EQT Corp.	6,413	220,607
Equitrans Midstream Corp.	8,041	51,141
Exxon Mobil Corp.	71,865	6,154,519
Genesis Energy LP	2,417	19,384
Gevo, Inc. (A)	3,343	7,856
Global Partners LP	792	18,612
Green Plains Partners LP	503	6,127
Green Plains, Inc. (A)	849	23,067
Gulfport Energy Corp. (A)	298	23,694
Harvest Natural Resources, Inc. (A)(C)	270	0
Hess Corp.	5,304	561,906
Hess Midstream LP, Class A	701	19,628
HF Sinclair Corp.	3,024	136,564
HighPeak Energy, Inc. (B)	1,453	37,226
Holly Energy Partners LP	1,975	31,659
International Seaways, Inc.	416	8,819
Kimbell Royalty Partners LP	1,094	17,154
Kinder Morgan, Inc.	38,130	639,059
Laredo Petroleum, Inc. (A)	264	18,200
LinnCo LLC (A)(C)	2,890	0
Magellan Midstream Partners LP	3,113	148,677
Magnolia Oil & Gas Corp., Class A	4,348	91,265
Marathon Oil Corp.	12,713	285,788
Marathon Petroleum Corp.	9,648	793,162
Matador Resources Company	2,130	99,237
MPLX LP	17,467	509,163
Murphy Oil Corp.	2,467	74,479
NACCO Industries, Inc., Class A	187	7,087

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Oil, gas and consumable fuels (continued)</b>		
Natural Resource Partners LP	290	\$ 10,797
New Fortress Energy, Inc.	3,618	143,164
NextDecade Corp. (A)	1,344	5,967
Northern Oil and Gas, Inc.	973	24,578
NuStar Energy LP	2,314	32,396
Oasis Petroleum, Inc.	289	35,157
Occidental Petroleum Corp.	15,921	937,428
ONEOK, Inc.	7,783	431,957
Ovintiv, Inc.	4,448	196,557
PBF Energy, Inc., Class A (A)	2,229	64,686
PBF Logistics LP	1,384	21,369
PDC Energy, Inc.	1,740	107,201
Peabody Energy Corp. (A)	2,102	44,836
Phillips 66	8,183	670,924
Pioneer Natural Resources Company	4,163	928,682
Plains All American Pipeline LP	12,245	120,246
Plains GP Holdings LP, Class A (A)	3,615	37,307
Range Resources Corp. (A)	4,676	115,731
Ranger Oil Corp., Class A (A)	135	4,437
Rattler Midstream LP	2,920	39,858
REX American Resources Corp. (A)	157	13,314
Riley Exploration Permian, Inc.	118	2,853
SandRidge Energy, Inc. (A)	462	7,240
SFL Corp., Ltd.	2,278	21,618
Shell Midstream Partners LP	5,552	78,117
SilverBow Resources, Inc. (A)	168	4,764
SM Energy Company	2,191	74,910
Southwestern Energy Company (A)	16,800	105,000
Sprague Resources LP	617	11,711
Sunoco LP	1,303	48,537
Talos Energy, Inc. (A)	1,148	17,760
Targa Resources Corp.	3,958	236,174
Teekay Corp. (A)	2,383	6,863
Tellurian, Inc. (A)	7,716	22,994
Texas Pacific Land Corp.	129	191,955
The Williams Companies, Inc.	20,737	647,202
Uranium Energy Corp. (A)	4,770	14,692
Valero Energy Corp.	6,968	740,559
Vertex Energy, Inc. (A)	861	9,058
Viper Energy Partners LP	3,095	82,575
W&T Offshore, Inc. (A)	3,111	13,440
Western Midstream Partners LP	7,159	174,035
Whiting Petroleum Corp.	580	39,457
World Fuel Services Corp.	1,250	25,575
		29,944,434
		32,532,546
<b>Financials – 11.3%</b>		
<b>Banks – 3.8%</b>		
1st Source Corp.	559	25,379
Allegiance Bancshares, Inc.	511	19,295
Amerant Bancorp, Inc.	655	18,419
American National Bankshares, Inc.	218	7,545
Ameris Bancorp	1,382	55,529
Ames National Corp.	260	5,767
Arrow Financial Corp.	442	14,060
Associated Banc-Corp.	2,795	51,037
Atlantic Union Bankshares Corp.	1,651	56,002
Banc of California, Inc.	1,367	24,087
BancFirst Corp.	496	47,472
Bank of America Corp.	137,489	4,280,033
Bank of Hawaii Corp.	678	50,443
Bank of Marin Bancorp	328	10,424
Bank OZK	1,946	73,033
BankFinancial Corp.	481	4,517
BankUnited, Inc.	1,643	58,442

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Bankwell Financial Group, Inc.	211	\$ 6,552
Banner Corp.	760	42,720
Bar Harbor Bankshares	435	11,249
BayCom Corp.	336	6,948
BCB Bancorp, Inc.	577	9,826
Berkshire Hills Bancorp, Inc.	1,028	25,464
BOK Financial Corp.	1,118	84,498
Brookline Bancorp, Inc.	1,813	24,131
Business First Bancshares, Inc.	293	6,244
Byline Bancorp, Inc.	825	19,635
Cadence Bank	3,193	74,972
Cambridge Bancorp	93	7,691
Camden National Corp.	400	17,620
Capital City Bank Group, Inc.	465	12,969
Capstar Financial Holdings, Inc.	374	7,338
Cathay General Bancorp	768	30,067
CBTX, Inc.	597	15,874
Central Pacific Financial Corp.	579	12,420
Central Valley Community Bancorp	357	5,177
Chemung Financial Corp.	161	7,567
Citigroup, Inc.	33,590	1,544,804
Citizens & Northern Corp.	324	7,831
Citizens Financial Group, Inc.	8,281	295,549
City Holding Company	404	32,272
Civista Bancshares, Inc.	342	7,271
CNB Financial Corp.	426	10,305
Codorus Valley Bancorp, Inc.	267	6,010
Columbia Banking System, Inc.	1,479	42,373
Comerica, Inc.	2,345	172,076
Commerce Bancshares, Inc.	1,726	113,312
Community Bank System, Inc.	769	48,662
Community Trust Bancorp, Inc.	310	12,536
ConnectOne Bancorp, Inc.	882	21,565
Cullen/Frost Bankers, Inc.	1,137	132,404
Customers Bancorp, Inc. (A)	631	21,391
Dime Community Bancshares, Inc.	892	26,448
Eagle Bancorp, Inc.	547	25,933
East West Bancorp, Inc.	2,403	155,714
Eastern Bankshares, Inc.	1,120	20,675
Enterprise Bancorp, Inc.	327	10,526
Enterprise Financial Services Corp.	834	34,611
Equity Bancshares, Inc., Class A	331	9,652
Esquire Financial Holdings, Inc.	291	9,690
Farmers & Merchants Bancorp, Inc.	233	7,733
FB Financial Corp.	964	37,808
Fidelity D&D Bancorp, Inc.	112	4,558
Fifth Third Bancorp	11,941	401,218
Financial Institutions, Inc.	417	10,850
First Bancorp (North Carolina)	687	23,976
First Bancorp (Puerto Rico)	3,172	40,951
First Busey Corp.	1,265	28,905
First Citizens BancShares, Inc., Class A	221	144,485
First Commonwealth Financial Corp.	2,106	28,263
First Community Bankshares, Inc.	247	7,264
First Financial Bancorp	2,135	41,419
First Financial Bankshares, Inc.	2,457	96,486
First Financial Corp.	338	15,041
First Financial Northwest, Inc.	388	6,030
First Hawaiian, Inc.	2,545	57,797
First Horizon Corp.	9,728	212,654
First Internet Bancorp	224	8,248
First Interstate BancSystem, Inc., Class A	2,232	85,062
First Merchants Corp.	955	34,017
First Republic Bank	2,911	419,766
Flushing Financial Corp.	465	9,886

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
FNB Corp.	6,123	\$ 66,496
Fulton Financial Corp.	2,254	32,570
FVCBankcorp, Inc. (A)	432	8,135
German American Bancorp, Inc.	635	21,704
Glacier Bancorp, Inc.	1,985	94,129
Great Southern Bancorp, Inc.	369	21,609
Guaranty Bancshares, Inc.	278	10,078
Hancock Whitney Corp.	1,414	62,683
Hanmi Financial Corp.	645	14,474
HarborOne Bancorp, Inc.	1,624	22,395
Heartland Financial USA, Inc.	771	32,027
Heritage Commerce Corp.	1,034	11,053
Heritage Financial Corp.	813	20,455
Hilltop Holdings, Inc.	1,026	27,353
Home BancShares, Inc.	3,102	64,429
HomeStreet, Inc.	402	13,937
Hope Bancorp, Inc.	2,740	37,922
Horizon Bancorp, Inc.	951	16,566
Huntington Bancshares, Inc.	25,395	305,502
Independent Bank Corp. (Massachusetts)	711	56,475
Independent Bank Corp. (Michigan)	561	10,816
Independent Bank Group, Inc.	910	61,798
International Bancshares Corp.	802	32,144
Investar Holding Corp.	319	6,986
JPMorgan Chase & Co.	50,075	5,638,946
KeyCorp	15,334	264,205
Lakeland Bancorp, Inc.	1,308	19,123
Lakeland Financial Corp.	520	34,538
Live Oak Bancshares, Inc.	804	27,248
M&T Bank Corp.	2,844	453,305
Macatawa Bank Corp.	926	8,186
Mercantile Bank Corp.	434	13,866
Meta Financial Group, Inc.	629	24,323
Metropolitan Bank Holding Corp. (A)	184	12,773
Midland States Bancorp, Inc.	539	12,958
MidWestOne Financial Group, Inc.	336	9,986
MVB Financial Corp.	370	11,511
National Bank Holdings Corp., Class A	721	27,593
National Bankshares, Inc.	188	5,903
NBT Bancorp, Inc.	501	18,833
Nicolet Bankshares, Inc. (A)	105	7,596
Northrim Bancorp, Inc.	222	8,938
Northwest Bancshares, Inc.	2,105	26,944
Norwood Financial Corp.	211	5,119
OceanFirst Financial Corp.	1,155	22,095
OFG Bancorp	1,126	28,600
Old National Bancorp	4,312	63,774
Old Second Bancorp, Inc.	816	10,918
Origin Bancorp, Inc.	516	20,021
Pacific Premier Bancorp, Inc.	1,278	37,369
PacWest Bancorp	2,065	55,053
Park National Corp.	210	25,463
Peapack-Gladstone Financial Corp.	485	14,405
Penns Woods Bancorp, Inc.	222	5,126
Peoples Bancorp of North Carolina, Inc.	237	6,437
Peoples Bancorp, Inc.	778	20,695
Pinnacle Financial Partners, Inc.	1,318	95,305
Popular, Inc.	399	30,695
Preferred Bank	341	23,195
Premier Financial Corp.	968	24,539
Primis Financial Corp.	655	8,928
Prosperity Bancshares, Inc.	925	63,150
QCR Holdings, Inc.	353	19,058
RBB Bancorp	407	8,413
Red River Bancshares, Inc.	155	8,382

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Banks (continued)</b>		
Regions Financial Corp.	16,469	\$ 308,794
Renasant Corp.	1,124	32,382
Republic Bancorp, Inc., Class A	425	20,506
Republic First Bancorp, Inc. (A)	1,584	6,035
Riverview Bancorp, Inc.	881	5,797
S&T Bancorp, Inc.	768	21,066
Sandy Spring Bancorp, Inc.	750	29,303
Seacoast Banking Corp. of Florida	1,186	39,185
ServisFirst Bancshares, Inc.	893	70,476
Shore Bancshares, Inc.	488	9,028
Sierra Bancorp	373	8,105
Signature Bank	1,007	180,464
Silvergate Capital Corp., Class A (A)	431	23,071
Simmons First National Corp., Class A	2,304	48,983
South Plains Financial, Inc.	426	10,284
Southern First Bancshares, Inc. (A)	207	9,023
Southside Bancshares, Inc.	820	30,684
SouthState Corp.	1,328	102,455
Stock Yards Bancorp, Inc.	419	25,065
Summit Financial Group, Inc.	334	9,279
SVB Financial Group (A)	1,025	404,865
Synovus Financial Corp.	2,710	97,696
Texas Capital Bancshares, Inc. (A)	987	51,956
The Bancorp, Inc. (A)	1,124	21,940
The Bank of Princeton	248	6,810
The First Bancorp, Inc.	302	9,099
The First of Long Island Corp.	648	11,359
The PNC Financial Services Group, Inc.	7,019	1,107,388
Tompkins Financial Corp.	330	23,793
Towne Bank	1,654	44,906
TriCo Bancshares	636	29,027
Triumph Bancorp, Inc. (A)	474	29,653
Truist Financial Corp.	22,809	1,081,831
Trustmark Corp.	1,219	35,583
U.S. Bancorp	25,297	1,164,168
UMB Financial Corp.	475	40,898
Umpqua Holdings Corp.	4,036	67,684
United Bankshares, Inc.	2,146	75,260
United Community Banks, Inc.	1,695	51,172
Unity Bancorp, Inc.	355	9,400
Univest Financial Corp.	733	18,648
Valley National Bancorp	7,874	81,968
Veritex Holdings, Inc.	1,027	30,050
Washington Federal, Inc.	1,028	30,861
Washington Trust Bancorp, Inc.	335	16,204
Webster Financial Corp.	3,308	139,432
Wells Fargo & Company	64,457	2,524,781
WesBanco, Inc.	1,220	38,686
West Bancorp, Inc.	463	11,269
Western Alliance Bancorp	1,862	131,457
Wintrust Financial Corp.	1,057	84,719
Zions Bancorp NA	2,502	127,352
		26,579,624
<b>Capital markets – 3.1%</b>		
Affiliated Managers Group, Inc.	750	87,450
AllianceBernstein Holding LP	1,953	81,206
Ameriprise Financial, Inc.	1,911	454,206
Apollo Investment Corp.	1,528	16,457
Ares Capital Corp. (B)	8,591	154,037
Ares Management Corp., Class A	4,922	279,865
Artisan Partners Asset Management, Inc., Class A	1,550	55,134
AssetMark Financial Holdings, Inc. (A)	1,278	23,988
Associated Capital Group, Inc., Class A	454	16,267
Bain Capital Specialty Finance, Inc.	1,190	16,196

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets (continued)</b>		
Barings BDC, Inc.	1,926	\$ 17,931
BGC Partners, Inc., Class A	7,348	24,763
BlackRock Capital Investment Corp.	2,127	7,806
BlackRock TCP Capital Corp.	1,134	14,209
BlackRock, Inc.	2,608	1,588,376
Blucora, Inc. (A)	1,076	19,863
Bridge Investment Group Holdings, Inc., Class A	1,456	21,170
Capital Southwest Corp.	445	8,197
Carlyle Secured Lending, Inc.	1,406	17,856
Cboe Global Markets, Inc.	1,904	215,514
CME Group, Inc.	6,220	1,273,234
Cohen & Steers, Inc.	930	59,139
Coinbase Global, Inc., Class A (A)(B)	3,735	175,620
Cowen, Inc., Class A	420	9,950
Diamond Hill Investment Group, Inc.	83	14,412
Donnelley Financial Solutions, Inc. (A)	686	20,093
Ellington Financial, Inc.	880	12,910
Evercore, Inc., Class A	743	69,552
FactSet Research Systems, Inc.	632	243,048
Federated Hermes, Inc.	1,908	60,655
Fidus Investment Corp.	605	10,557
Focus Financial Partners, Inc., Class A (A)	1,365	46,492
Franklin Resources, Inc.	8,892	207,273
FS KKR Capital Corp.	3,921	76,146
GAMCO Investors, Inc., Class A	443	9,259
Gladstone Capital Corp.	801	8,082
Gladstone Investment Corp.	797	11,222
Goldman Sachs BDC, Inc.	967	16,246
Golub Capital BDC, Inc.	1,363	17,664
Hamilton Lane, Inc., Class A	1,002	67,314
Hercules Capital, Inc. (B)	2,271	30,636
Houlihan Lokey, Inc.	1,199	94,637
Interactive Brokers Group, Inc., Class A	1,612	88,676
Intercontinental Exchange, Inc.	9,689	911,154
Invesco, Ltd.	8,371	135,024
Jefferies Financial Group, Inc.	3,974	109,762
Lazard, Ltd., Class A	2,068	67,024
LPL Financial Holdings, Inc.	1,423	262,515
Main Street Capital Corp.	1,316	50,705
MarketAxess Holdings, Inc.	689	176,391
MarketWise, Inc. (A)	5,323	19,163
Moelis & Company, Class A	1,258	49,502
Monroe Capital Corp.	561	5,066
Moody's Corp.	3,134	852,354
Morgan Stanley	30,582	2,326,067
Morningstar, Inc.	751	181,614
MSCI, Inc.	1,384	570,416
Nasdaq, Inc.	2,794	426,197
New Mountain Finance Corp.	2,060	24,535
Newtek Business Services Corp.	477	9,030
Northern Trust Corp.	3,051	294,360
Oaktree Specialty Lending Corp.	2,519	16,499
Open Lending Corp., Class A (A)	2,053	21,002
Oppenheimer Holdings, Inc., Class A	169	5,584
Owl Rock Capital Corp.	4,673	57,618
Oxford Square Capital Corp.	1,411	5,136
P10, Inc., Class A	510	5,671
P10, Inc., Class B	665	7,395
PennantPark Floating Rate Capital, Ltd.	874	10,034
PennantPark Investment Corp.	1,841	11,377
Perella Weinberg Partners	815	4,751
Piper Sandler Companies	319	36,162
Portman Ridge Finance Corp.	340	7,966
Prospect Capital Corp.	8,135	56,864

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Capital markets (continued)</b>		
Pzena Investment Management, Inc., Class A	1,693	\$ 11,157
Raymond James Financial, Inc.	3,792	339,043
Robinhood Markets, Inc., Class A (A)(B)	14,944	122,840
S&P Global, Inc.	4,748	1,600,361
Sculptor Capital Management, Inc.	1,110	9,269
SEI Investments Company	2,654	143,369
Sixth Street Specialty Lending, Inc.	1,483	27,436
SLR Investment Corp.	1,171	17,132
State Street Corp.	6,212	382,970
Stellus Capital Investment Corp.	500	5,565
StepStone Group, Inc., Class A	1,560	40,607
Stifel Financial Corp.	1,931	108,175
StoneX Group, Inc. (A)	429	33,492
T. Rowe Price Group, Inc.	3,937	447,283
The Bank of New York Mellon Corp.	14,303	596,578
The Blackstone Group, Inc.	12,005	1,095,216
The Carlyle Group, Inc.	6,347	200,946
The Charles Schwab Corp.	31,131	1,966,857
The Goldman Sachs Group, Inc.	5,742	1,705,489
Tradeweb Markets, Inc., Class A	4,165	284,261
TriplePoint Venture Growth BDC Corp.	568	7,236
Victory Capital Holdings, Inc., Class A	1,360	32,776
Virtu Financial, Inc., Class A	3,293	77,089
Virtus Investment Partners, Inc.	128	21,891
WhiteHorse Finance, Inc.	557	7,319
WisdomTree Investments, Inc.	3,365	17,061
		21,761,664
<b>Consumer finance – 0.6%</b>		
Ally Financial, Inc.	5,834	195,497
American Express Company	12,936	1,793,188
Atlanticus Holdings Corp. (A)	243	8,546
Capital One Financial Corp.	6,966	725,788
Credit Acceptance Corp. (A)	268	126,874
Curo Group Holdings Corp.	881	4,872
Discover Financial Services	5,033	476,021
Elevate Credit, Inc. (A)	1,491	3,519
Encore Capital Group, Inc. (A)	578	33,391
Enova International, Inc. (A)	722	20,808
EZCORP, Inc., Class A (A)	1,448	10,874
FirstCash Holdings, Inc.	795	55,260
Green Dot Corp., Class A (A)	1,032	25,914
LendingTree, Inc. (A)	258	11,306
Moneylion, Inc. (A)	3,076	4,060
Navient Corp.	2,579	36,080
Nelnet, Inc., Class A	367	31,287
NerdWallet, Inc., Class A (A)	271	2,149
OneMain Holdings, Inc.	2,241	83,769
Oportun Financial Corp. (A)	399	3,300
OppFi, Inc. (A)	1,374	4,520
PRA Group, Inc. (A)	907	32,979
PROG Holdings, Inc. (A)	1,189	19,619
Regional Management Corp.	233	8,707
SLM Corp.	5,130	81,772
Sunlight Financial Holdings, Inc. (A)(B)	1,462	4,313
Synchrony Financial	9,023	249,215
Upstart Holdings, Inc. (A)(B)	1,379	43,604
World Acceptance Corp. (A)	133	14,928
		4,112,160
<b>Diversified financial services – 1.6%</b>		
Acacia Research Corp. (A)	1,357	6,839
Apollo Global Management, Inc.	6,110	296,213
Berkshire Hathaway, Inc., Class A (A)	10	4,089,500
Berkshire Hathaway, Inc., Class B (A)	22,487	6,139,401
Equitable Holdings, Inc.	7,005	182,620

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Diversified financial services (continued)</b>		
Jackson Financial, Inc., Class A	1,342	\$ 35,899
Voya Financial, Inc.	1,720	102,392
		10,852,864
<b>Insurance – 1.9%</b>		
Aflac, Inc.	10,982	607,634
Alleghany Corp. (A)	196	163,288
American Equity Investment Life Holding Company	1,171	42,823
American Financial Group, Inc.	1,419	196,971
American International Group, Inc.	14,056	718,683
AMERISAFE, Inc.	412	21,428
Arch Capital Group, Ltd. (A)	6,420	292,046
Argo Group International Holdings, Ltd.	742	27,350
Arthur J. Gallagher & Company	3,607	588,085
Assurant, Inc.	935	161,615
Assured Guaranty, Ltd.	1,349	75,261
Axis Capital Holdings, Ltd.	1,644	93,856
Bright Health Group, Inc. (A)	10,245	18,646
Brighthouse Financial, Inc. (A)	1,248	51,193
Brown & Brown, Inc.	5,004	291,933
BRP Group, Inc., Class A (A)	1,594	38,495
Cincinnati Financial Corp.	2,798	332,906
Citizens, Inc. (A)	1,370	5,740
CNA Financial Corp.	4,644	208,516
CNO Financial Group, Inc.	2,410	43,597
Crawford & Company, Class B	1,283	9,045
Donegal Group, Inc., Class A	786	13,401
eHealth, Inc. (A)	490	4,572
Employers Holdings, Inc.	692	28,988
Enstar Group, Ltd. (A)	196	41,940
Erie Indemnity Company, Class A	826	158,749
Everest Re Group, Ltd.	580	162,562
Fidelity National Financial, Inc.	4,978	183,987
First American Financial Corp.	1,873	99,119
Genworth Financial, Inc., Class A (A)	7,491	26,443
Globe Life, Inc.	1,425	138,895
GoHealth, Inc., Class A (A)	5,260	3,145
Goosehead Insurance, Inc., Class A	660	30,142
Hagerty, Inc., Class A (A)	1,923	22,095
HCI Group, Inc.	170	11,519
Heritage Insurance Holdings, Inc.	734	1,938
Hippo Holdings, Inc. (A)	8,118	7,132
Horace Mann Educators Corp.	900	34,542
Investors Title Company	50	7,845
Kemper Corp.	1,246	59,683
Kinsale Capital Group, Inc.	439	100,812
Lemonade, Inc. (A)(B)	1,078	19,684
Lincoln National Corp.	3,029	141,666
Loews Corp.	4,301	254,877
Markel Corp. (A)	208	268,996
Marsh & McLennan Companies, Inc.	8,600	1,335,150
MBIA, Inc. (A)	1,204	14,869
Mercury General Corp.	1,045	46,294
MetLife, Inc.	13,904	873,032
National Western Life Group, Inc., Class A	35	7,095
NI Holdings, Inc. (A)	641	10,532
Old Republic International Corp.	5,164	115,467
Oscar Health, Inc., Class A (A)	3,277	13,927
Palomar Holdings, Inc. (A)	514	33,102
Primerica, Inc.	705	84,381
Principal Financial Group, Inc.	4,541	303,293
ProAssurance Corp.	1,182	27,931
Prudential Financial, Inc.	6,393	611,682
Reinsurance Group of America, Inc.	1,216	142,625
RenaissanceRe Holdings, Ltd.	725	113,368

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Insurance (continued)</b>		
RLI Corp.	831	\$ 96,886
Root, Inc., Class A (A)	4,139	4,925
Ryan Specialty Holdings, Inc. (A)	4,244	166,322
Safety Insurance Group, Inc.	334	32,431
Selective Insurance Group, Inc.	1,113	96,764
Selectquote, Inc. (A)	2,662	6,602
Stewart Information Services Corp.	487	24,228
The Allstate Corp.	4,693	594,744
The Hanover Insurance Group, Inc.	581	84,971
The Hartford Financial Services Group, Inc.	5,393	352,864
The Progressive Corp.	9,834	1,143,399
The Travelers Companies, Inc.	4,061	686,837
Trean Insurance Group, Inc. (A)	448	2,791
Trupanion, Inc. (A)	731	44,050
United Fire Group, Inc.	546	18,690
United Insurance Holdings Corp.	1,080	1,685
Universal Insurance Holdings, Inc.	656	8,548
Unum Group	3,143	106,925
W.R. Berkley Corp.	4,569	311,880
White Mountains Insurance Group, Ltd.	18	22,430
		13,352,563
<b>Mortgage real estate investment trusts – 0.1%</b>		
AGNC Investment Corp.	6,319	69,951
Angel Oak Mortgage, Inc.	54	700
Annaly Capital Management, Inc.	21,305	125,913
Apollo Commercial Real Estate Finance, Inc.	3,205	33,460
Arbor Realty Trust, Inc.	2,208	28,947
Ares Commercial Real Estate Corp.	789	9,649
ARMOUR Residential REIT, Inc.	1,413	9,948
Blackstone Mortgage Trust, Inc., Class A	2,768	76,591
BrightSpire Capital, Inc.	2,808	21,200
Broadmark Realty Capital, Inc.	2,185	14,661
Chimera Investment Corp.	3,772	33,269
Dynex Capital, Inc.	611	9,727
Ellington Residential Mortgage REIT	471	3,518
Franklin BSP Realty Trust, Inc.	474	6,390
Granite Point Mortgage Trust, Inc.	1,105	10,575
Great Ajax Corp.	553	5,303
Hannon Armstrong Sustainable Infrastructure Capital, Inc.	1,402	53,080
Invesco Mortgage Capital, Inc.	330	4,844
KKR Real Estate Finance Trust, Inc.	1,084	18,916
Ladder Capital Corp.	2,535	26,719
MFA Financial, Inc.	2,272	24,424
New Residential Investment Corp.	8,506	79,276
New York Mortgage Trust, Inc.	5,225	14,421
Orchid Island Capital, Inc.	1,157	3,297
PennyMac Mortgage Investment Trust	1,761	24,355
Ready Capital Corp.	1,430	17,046
Redwood Trust, Inc.	2,127	16,399
Starwood Property Trust, Inc.	5,131	107,187
TPG RE Finance Trust, Inc.	1,656	14,921
Two Harbors Investment Corp.	5,815	28,959
		893,646
<b>Thrifts and mortgage finance – 0.2%</b>		
Axos Financial, Inc. (A)	1,166	41,801
Bridgewater Bancshares, Inc. (A)	655	10,572
Capitol Federal Financial, Inc.	1,954	17,938
Columbia Financial, Inc. (A)	2,244	48,942
Enact Holdings, Inc.	1,803	38,728
Federal Agricultural Mortgage Corp., Class C	191	18,651
Federal Home Loan Mortgage Corp. (A)	12,537	5,267

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Thrifts and mortgage finance (continued)</b>		
Federal National Mortgage Association (A)	21,500	\$ 9,326
Flagstar Bancorp, Inc.	306	10,848
Home Bancorp, Inc.	185	6,314
Home Point Capital, Inc.	1,484	5,817
Kearny Financial Corp.	2,110	23,442
LoanDepot, Inc., Class A	1,864	2,684
Luther Burbank Corp.	1,316	17,174
Merchants Bancorp	927	21,015
MGIC Investment Corp.	5,831	73,471
New York Community Bancorp, Inc.	6,179	56,414
NMI Holdings, Inc., Class A (A)	1,463	24,359
Northfield Bancorp, Inc.	1,247	16,248
Ocwen Financial Corp. (A)	244	6,686
PCSB Financial Corp.	498	9,507
PennyMac Financial Services, Inc.	824	36,017
Ponce Financial Group, Inc. (A)	711	6,570
Provident Bancorp, Inc.	677	10,629
Provident Financial Services, Inc.	1,019	22,683
Radian Group, Inc.	3,106	61,033
Rocket Companies, Inc., Class A (B)	35,065	258,078
Southern Missouri Bancorp, Inc.	216	9,776
Sterling Bancorp, Inc. (A)	1,248	7,114
Territorial Bancorp, Inc.	238	4,962
TFS Financial Corp.	3,937	54,055
Timberland Bancorp, Inc.	255	6,375
TrustCo Bank Corp. NY	512	15,790
Velocity Financial, Inc. (A)	372	4,088
Walker & Dunlop, Inc.	597	57,515
Western New England Bancorp, Inc.	789	5,886
WSFS Financial Corp.	1,257	50,393
		1,076,168
		78,628,689
<b>Health care – 13.9%</b>		
<b>Biotechnology – 2.6%</b>		
2seventy bio, Inc. (A)	390	5,148
4D Molecular Therapeutics, Inc. (A)	496	3,462
89bio, Inc. (A)	290	934
Aadi Bioscience, Inc. (A)	304	3,745
AbbVie, Inc.	30,005	4,595,566
ACADIA Pharmaceuticals, Inc. (A)	3,016	42,495
Achieve Life Sciences, Inc. (A)	143	698
Achillion Pharmaceuticals, Inc. (A)(C)	3,410	5,128
Acumen Pharmaceuticals, Inc. (A)	542	2,547
Adagio Therapeutics, Inc. (A)	1,879	6,163
Adicet Bio, Inc. (A)	572	8,351
Aduro Biotech, Inc. (A)(C)	312	649
Aeglea BioTherapeutics, Inc. (A)	903	456
Aerovate Therapeutics, Inc. (A)	373	5,830
Agenus, Inc. (A)	4,171	8,092
Agios Pharmaceuticals, Inc. (A)	1,160	25,717
Akero Therapeutics, Inc. (A)	639	6,039
Akouos, Inc. (A)	482	2,261
Albireo Pharma, Inc. (A)	301	5,978
Aldeyra Therapeutics, Inc. (A)	1,796	7,166
Alector, Inc. (A)	1,508	15,321
Aligos Therapeutics, Inc. (A)	892	1,079
Alkermes PLC (A)	3,013	89,757
Allakos, Inc. (A)	1,058	3,312
Allogene Therapeutics, Inc. (A)	2,589	29,515
Allovir, Inc. (A)	1,052	4,103
Alnylam Pharmaceuticals, Inc. (A)	2,118	308,910
Alpine Immune Sciences, Inc. (A)	365	3,106
Altimmune, Inc. (A)	589	6,891
ALX Oncology Holdings, Inc. (A)	659	5,331
Ambit Biosciences Corp. (A)(C)	515	309



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Amgen, Inc.	9,404	\$ 2,287,993
Amicus Therapeutics, Inc. (A)	4,973	53,410
AnaptysBio, Inc. (A)	595	12,079
Anika Therapeutics, Inc. (A)	318	7,098
Anixa Biosciences, Inc. (A)	267	817
Annexon, Inc. (A)	706	2,662
Annovis Bio, Inc. (A)	176	1,996
Apellis Pharmaceuticals, Inc. (A)	1,496	67,649
Applied Molecular Transport, Inc. (A)	578	1,682
Applied Therapeutics, Inc. (A)	1,062	1,007
Aptevo Therapeutics, Inc. (A)	400	1,432
AquaBounty Technologies, Inc. (A)	655	1,120
Aravive, Inc. (A)	878	867
Arcus Biosciences, Inc. (A)	1,192	30,205
Arcutis Biotherapeutics, Inc. (A)	769	16,387
Arrowhead Pharmaceuticals, Inc. (A)	1,889	66,512
Assembly Biosciences, Inc. (A)	313	657
Astria Therapeutics, Inc. (A)	687	2,061
Atara Biotherapeutics, Inc. (A)	1,373	10,696
Atreca, Inc., Class A (A)	921	1,649
aTyr Pharma, Inc. (A)	237	671
Aura Biosciences, Inc. (A)	353	5,002
AVEO Pharmaceuticals, Inc. (A)	932	6,114
Avid Bioservices, Inc. (A)	992	15,138
Avidity Biosciences, Inc. (A)	655	9,517
Axcella Health, Inc. (A)	1,360	2,761
Ayala Pharmaceuticals, Inc. (A)	641	699
Beam Therapeutics, Inc. (A)	1,141	44,168
BioAtla, Inc. (A)	475	1,354
BioCryst Pharmaceuticals, Inc. (A)	2,966	31,380
Biogen, Inc. (A)	2,480	505,771
BioMarin Pharmaceutical, Inc. (A)	3,233	267,919
Biomea Fusion, Inc. (A)	491	5,882
Bioxcel Therapeutics, Inc. (A)	460	6,072
Black Diamond Therapeutics, Inc. (A)	960	2,362
Bluebird Bio, Inc. (A)	1,170	4,844
Blueprint Medicines Corp. (A)	1,044	52,732
Bolt Biotherapeutics, Inc. (A)	1,138	2,322
Bridgebio Pharma, Inc. (A)	2,737	24,852
C4 Therapeutics, Inc. (A)	755	5,693
Cabaletta Bio, Inc. (A)	1,103	1,169
Candel Therapeutics, Inc. (A)	431	1,396
Capricor Therapeutics, Inc. (A)	880	3,071
Cardiff Oncology, Inc. (A)	1,062	2,336
CareDx, Inc. (A)	890	19,117
Caribou Biosciences, Inc. (A)	895	4,860
Catalyst Pharmaceuticals, Inc. (A)	2,142	15,015
Celcuity, Inc. (A)	72	655
Celldex Therapeutics, Inc. (A)	768	20,705
CEL-SCI Corp. (A)(B)	784	3,528
Celularity, Inc. (A)(B)	1,786	6,072
Century Therapeutics, Inc. (A)	839	7,048
Checkpoint Therapeutics, Inc. (A)	779	802
ChemoCentryx, Inc. (A)	1,259	31,198
Chimerix, Inc. (A)	1,055	2,194
Chinook Therapeutics, Inc. (A)	797	13,940
Codiak Biosciences, Inc. (A)	715	2,059
Cogent Biosciences, Inc. (A)	816	7,360
Coherus Biosciences, Inc. (A)	1,434	10,382
Concert Pharmaceuticals, Inc. (A)	1,605	6,757
Cortexyme, Inc. (A)	576	1,279
Crinetics Pharmaceuticals, Inc. (A)	678	12,645
CTI BioPharma Corp. (A)	2,424	14,471
Cue Biopharma, Inc. (A)	664	1,653
Cullinan Oncology, Inc. (A)	632	8,102

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Cyteir Therapeutics, Inc. (A)	402	\$ 1,202
Cytokinetics, Inc. (A)	1,360	53,434
CytomX Therapeutics, Inc. (A)	1,192	2,181
Day One Biopharmaceuticals, Inc. (A)	960	17,184
Decibel Therapeutics, Inc. (A)	543	2,286
Deciphera Pharmaceuticals, Inc. (A)	1,040	13,676
Denali Therapeutics, Inc. (A)	2,075	61,067
Design Therapeutics, Inc. (A)	812	11,368
Dynavax Technologies Corp. (A)	1,897	23,883
Dyne Therapeutics, Inc. (A)	642	4,411
Eagle Pharmaceuticals, Inc. (A)	282	12,529
Editas Medicine, Inc. (A)	1,143	13,522
eFFECTOR Therapeutics, Inc. (A)	584	829
Eiger BioPharmaceuticals, Inc. (A)	622	3,919
Eledon Pharmaceuticals, Inc. (A)	188	459
Elevation Oncology, Inc. (A)	551	771
Eliem Therapeutics, Inc. (A)	571	1,724
Emergent BioSolutions, Inc. (A)	1,025	31,816
Enanta Pharmaceuticals, Inc. (A)	386	18,246
Entasis Therapeutics Holdings, Inc. (A)	1,850	4,070
Entrada Therapeutics, Inc. (A)	489	5,956
EQRx, Inc. (A)(B)	6,419	30,105
Equillium, Inc. (A)	835	1,703
Erasca, Inc. (A)	1,961	10,923
Evelo Biosciences, Inc. (A)	1,166	2,460
Exact Sciences Corp. (A)	3,078	121,242
Exagen, Inc. (A)	108	620
Exelixis, Inc. (A)	5,688	118,424
Fate Therapeutics, Inc. (A)	1,608	39,846
Fennec Pharmaceuticals, Inc. (A)	143	808
FibroGen, Inc. (A)	1,854	19,578
Finch Therapeutics Group, Inc. (A)	739	2,099
Flexion Therapeutics, Inc. (A)(C)	867	789
Foghorn Therapeutics, Inc. (A)	592	8,051
Forma Therapeutics Holdings, Inc. (A)	728	5,016
Forte Biosciences, Inc. (A)	1,003	1,304
F-star Therapeutics, Inc. (A)	714	4,470
G1 Therapeutics, Inc. (A)	777	3,838
Gain Therapeutics, Inc. (A)	90	324
Galectin Therapeutics, Inc. (A)	1,506	1,973
Galera Therapeutics, Inc. (A)	1,618	2,103
Generation Bio Company (A)	1,161	7,616
Geron Corp. (A)	4,452	6,901
Gilead Sciences, Inc.	21,220	1,311,608
Global Blood Therapeutics, Inc. (A)	1,168	37,318
Gossamer Bio, Inc. (A)	1,462	12,237
Graphite Bio, Inc. (A)	860	2,365
Greenwich Lifesciences, Inc. (A)	123	1,042
Gritstone bio, Inc. (A)	987	2,389
GTx Corp. (A)(C)	38	0
Halozyyme Therapeutics, Inc. (A)	2,532	111,408
Harpoon Therapeutics, Inc. (A)	708	1,352
Heron Therapeutics, Inc. (A)	1,487	4,149
Homology Medicines, Inc. (A)	999	1,968
Hookipa Pharma, Inc. (A)	753	1,227
Horizon Therapeutics PLC (A)	3,931	313,537
Humacyte, Inc. (A)	1,629	5,229
Icosavax, Inc. (A)	553	3,169
Ideaya Biosciences, Inc. (A)	547	7,549
IGM Biosciences, Inc. (A)	619	11,161
Imago Biosciences, Inc. (A)	528	7,070
Immuneering Corp., Class A (A)	361	1,953
Immunic, Inc. (A)	341	1,183
ImmunityBio, Inc. (A)(B)	6,612	24,597
ImmunoGen, Inc. (A)	3,467	15,602

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Immunome, Inc. (A)	203	\$ 652
Immunovant, Inc. (A)	1,756	6,848
Impel Pharmaceuticals, Inc. (A)(B)	519	4,837
IN8bio, Inc. (A)	585	1,422
Incyte Corp. (A)	3,885	295,143
Indaptus Therapeutics, Inc. (A)	527	1,375
Inhibrx, Inc. (A)	678	7,695
Inmune Bio, Inc. (A)	473	4,181
Inovio Pharmaceuticals, Inc. (A)	3,313	5,731
Inozyme Pharma, Inc. (A)(B)	748	3,568
Insmed, Inc. (A)	1,924	37,941
Instil Bio, Inc. (A)	2,107	9,734
Intellia Therapeutics, Inc. (A)	1,264	65,425
Intercept Pharmaceuticals, Inc. (A)	671	9,267
Ionis Pharmaceuticals, Inc. (A)	2,584	95,660
Ironwood Pharmaceuticals, Inc. (A)	3,112	35,881
iTeos Therapeutics, Inc. (A)	554	11,412
IVERIC bio, Inc. (A)	1,864	17,932
Janux Therapeutics, Inc. (A)	624	7,619
Jasper Therapeutics, Inc. (A)	483	932
Jounce Therapeutics, Inc. (A)	886	2,685
KalVista Pharmaceuticals, Inc. (A)	368	3,621
Karuna Therapeutics, Inc. (A)	532	67,303
Keros Therapeutics, Inc. (A)	375	10,361
Kezar Life Sciences, Inc. (A)	542	4,482
Kiniksa Pharmaceuticals, Ltd., Class A (A)	1,104	10,698
Kinnate Biopharma, Inc. (A)	602	7,591
Kodiak Sciences, Inc. (A)	899	6,868
Kronos Bio, Inc. (A)	803	2,923
Krystal Biotech, Inc. (A)	389	25,542
Kura Oncology, Inc. (A)	1,043	19,118
Kymera Therapeutics, Inc. (A)	836	16,461
Lantern Pharma, Inc. (A)	42	240
Larimar Therapeutics, Inc. (A)	512	1,004
Lexicon Pharmaceuticals, Inc. (A)	2,562	4,765
Ligand Pharmaceuticals, Inc. (A)	309	27,569
Lineage Cell Therapeutics, Inc. (A)	2,770	4,377
Lumos Pharma, Inc. (A)	43	331
Lyell Immunopharma, Inc. (A)(B)	3,921	25,565
MacroGenics, Inc. (A)	1,031	3,041
Madrigal Pharmaceuticals, Inc. (A)	323	23,120
MannKind Corp. (A)	3,858	14,699
Matinas BioPharma Holdings, Inc. (A)	5,353	4,229
MediciNova, Inc. (A)	1,166	2,950
MeiraGTx Holdings PLC (A)	698	5,284
Mersana Therapeutics, Inc. (A)	1,237	5,715
Miragen Therapeutics, Inc. (A)(C)	4,849	0
Mirum Pharmaceuticals, Inc. (A)	659	12,824
Moderna, Inc. (A)	6,856	979,380
Moleculin Biotech, Inc. (A)	1,608	2,332
Monte Rosa Therapeutics, Inc. (A)	877	8,481
Morphic Holding, Inc. (A)	687	14,908
Myriad Genetics, Inc. (A)	1,496	27,182
Natera, Inc. (A)	1,602	56,775
Neurocrine Biosciences, Inc. (A)	1,738	169,420
NexImmune, Inc. (A)	655	1,055
NextCure, Inc. (A)	542	2,547
Nkarta, Inc. (A)	548	6,751
Northwest Biotherapeutics, Inc. (A)	11,656	7,343
Novavax, Inc. (A)	1,306	67,168
Nurix Therapeutics, Inc. (A)	723	9,160
Nuvalent, Inc., Class A (A)	753	10,211
Ocugen, Inc. (A)	3,119	7,080
Olema Pharmaceuticals, Inc. (A)	673	2,739
Omega Therapeutics, Inc. (A)	709	2,694

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Omthera Pharmaceuticals, Inc. (A)(C)	498	\$ 0
Oncternal Therapeutics, Inc. (A)	1,813	2,012
Organogenesis Holdings, Inc. (A)	2,172	10,599
Orgenesis, Inc. (A)	485	1,174
ORIC Pharmaceuticals, Inc. (A)	644	2,885
Ovid therapeutics, Inc. (A)	572	1,230
Oyster Point Pharma, Inc. (A)	431	1,866
Pardes Biosciences, Inc. (A)	821	2,520
Passage Bio, Inc. (A)	825	1,947
PDL BioPharma, Inc. (A)(C)	1,734	1,370
PDS Biotechnology Corp. (A)	660	2,409
Pieris Pharmaceuticals, Inc. (A)	1,728	3,231
PMV Pharmaceuticals, Inc. (A)	729	10,388
Point Biopharma Global, Inc. (A)	1,417	9,650
Poseida Therapeutics, Inc. (A)	1,586	4,092
Praxis Precision Medicines, Inc. (A)	714	1,749
Precigen, Inc. (A)	3,241	4,343
Precision BioSciences, Inc. (A)	1,182	1,891
Prelude Therapeutics, Inc. (A)	793	4,139
Progenics Pharmaceuticals, Inc. (A)(C)	1,955	2,069
Prometheus Biosciences, Inc. (A)	584	16,486
Protagonist Therapeutics, Inc. (A)	791	6,257
PTC Therapeutics, Inc. (A)	1,304	52,238
Puma Biotechnology, Inc. (A)	890	2,537
Pyxis Oncology, Inc. (A)	420	1,000
Rallybio Corp. (A)	464	3,503
RAPT Therapeutics, Inc. (A)	483	8,815
Recursion Pharmaceuticals, Inc., Class A (A)	2,835	23,077
Regeneron Pharmaceuticals, Inc. (A)	1,804	1,066,399
REGENXBIO, Inc. (A)	794	19,612
Relay Therapeutics, Inc. (A)	1,768	29,614
Reneo Pharmaceuticals, Inc. (A)	651	1,725
Renovacor, Inc. (A)	158	320
Replimune Group, Inc. (A)	698	12,201
REVOLUTION Medicines, Inc. (A)	1,143	22,277
Rhythm Pharmaceuticals, Inc. (A)	820	3,403
Rigel Pharmaceuticals, Inc. (A)	3,503	3,958
Rocket Pharmaceuticals, Inc. (A)	1,021	14,049
SAB Biotherapeutics, Inc. (A)	607	880
Sage Therapeutics, Inc. (A)	1,099	35,498
Sana Biotechnology, Inc. (A)	3,178	20,435
Sangamo Therapeutics, Inc. (A)	2,664	11,029
Sarepta Therapeutics, Inc. (A)	1,435	107,568
Savara, Inc. (A)	3,273	4,975
Scholar Rock Holding Corp. (A)	577	3,168
Seagen, Inc. (A)	3,227	570,985
SELLAS Life Sciences Group, Inc. (A)	418	932
Sensei Biotherapeutics, Inc. (A)	498	1,130
Sera Prognostics, Inc., Class A (A)	198	325
Seres Therapeutics, Inc. (A)	1,482	5,083
Shattuck Labs, Inc. (A)	652	2,647
Sierra Oncology, Inc. (A)	126	6,929
Silverback Therapeutics, Inc. (A)	919	3,897
SpringWorks Therapeutics, Inc. (A)	861	21,198
Spruce Biosciences, Inc. (A)	1,458	2,537
SQZ Biotechnologies Company (A)	587	1,867
Stoke Therapeutics, Inc. (A)	722	9,538
Surface Oncology, Inc. (A)	690	1,132
Surrozen, Inc. (A)	609	1,790
Sutro Biopharma, Inc. (A)	635	3,308
Syndax Pharmaceuticals, Inc. (A)	646	12,429
Synergy Pharmaceuticals, Inc. (A)(C)	6,230	18
Talaris Therapeutics, Inc. (A)	597	2,692
Tango Therapeutics, Inc. (A)	1,346	6,097

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Biotechnology (continued)</b>		
Taysha Gene Therapies, Inc. (A)	706	\$ 2,626
TCR2 Therapeutics, Inc. (A)	1,031	2,990
Tempest Therapeutics, Inc. (A)	96	204
Tenaya Therapeutics, Inc. (A)	631	3,553
Tracon Pharmaceuticals, Inc. (A)	1,275	2,550
Travere Therapeutics, Inc. (A)	1,004	24,327
TScan Therapeutics, Inc. (A)	639	2,010
Turning Point Therapeutics, Inc. (A)	839	63,135
Twist Bioscience Corp. (A)	827	28,912
Tyra Biosciences, Inc. (A)	661	4,726
Ultragenyx Pharmaceutical, Inc. (A)	1,226	73,143
United Therapeutics Corp. (A)	761	179,322
UroGen Pharma, Ltd. (A)	495	4,054
Vanda Pharmaceuticals, Inc. (A)	1,167	12,720
Vaxart, Inc. (A)	2,037	7,130
Vaxcyte, Inc. (A)	827	17,996
Vaxxinity, Inc., Class A (A)	2,150	3,376
Vera Therapeutics, Inc. (A)	459	6,247
Veracyte, Inc. (A)	1,119	22,268
Verastem, Inc. (A)	2,859	3,316
Vericel Corp. (A)	881	22,184
Vertex Pharmaceuticals, Inc. (A)	4,336	1,221,841
Verve Therapeutics, Inc. (A)	788	12,041
Viking Therapeutics, Inc. (A)	1,686	4,873
Vir Biotechnology, Inc. (A)	2,250	57,308
Viracta Therapeutics, Inc. (A)	1,210	4,695
Viridian Therapeutics, Inc. (A)	323	3,737
Virios Therapeutics, Inc. (A)	639	2,703
Vor BioPharma, Inc. (A)	556	2,763
Voyager Therapeutics, Inc. (A)	1,312	7,754
Werewolf Therapeutics, Inc. (A)	346	1,415
X4 Pharmaceuticals, Inc. (A)	1,920	1,853
XBioTech, Inc.	761	4,284
Xencor, Inc. (A)	1,123	30,737
Xilio Therapeutics, Inc. (A)	425	1,241
XOMA Corp. (A)	228	5,080
Yield10 Bioscience, Inc. (A)	575	1,294
Y-mAbs Therapeutics, Inc. (A)	853	12,906
Zentalis Pharmaceuticals, Inc. (A)	734	20,625
		17,908,852
<b>Health care equipment and supplies – 2.2%</b>		
Abbott Laboratories	29,972	3,256,458
ABIOMED, Inc. (A)	813	201,226
Accuray, Inc. (A)	2,141	4,196
Align Technology, Inc. (A)	1,372	324,711
Alphatec Holdings, Inc. (A)	1,472	9,627
AngioDynamics, Inc. (A)	817	15,809
Apollo Endosurgery, Inc. (A)	285	1,040
Apyx Medical Corp. (A)	740	4,336
Artivion, Inc. (A)	840	15,859
AtriCure, Inc. (A)	851	34,772
Atrion Corp.	38	23,897
Avanos Medical, Inc. (A)	963	26,328
Axogen, Inc. (A)	892	7,305
Axonics, Inc. (A)	681	38,592
Baxter International, Inc.	8,485	544,992
Becton, Dickinson and Company	4,805	1,184,577
BioLife Solutions, Inc. (A)	651	8,990
Bioventus, Inc., Class A (A)	978	6,670
Boston Scientific Corp. (A)	24,360	907,897
Cardiovascular Systems, Inc. (A)	748	10,741
Cerus Corp. (A)	3,177	16,806
Co-Diagnostics, Inc. (A)	301	1,689
CONMED Corp.	541	51,806
CryoPort, Inc. (A)	806	24,970

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Cue Health, Inc. (A)	2,236	\$ 7,155
Cutera, Inc. (A)	347	13,013
CVRx, Inc. (A)	171	1,028
CytoSorbents Corp. (A)	847	1,855
Delcath Systems, Inc. (A)	160	638
Dentsply Sirona, Inc.	3,824	136,632
DexCom, Inc. (A)	6,664	496,668
Eargo, Inc. (A)	970	729
Edwards Lifesciences Corp. (A)	10,685	1,016,037
Ekso Bionics Holdings, Inc. (A)	534	881
Embecta Corp. (A)	980	24,814
Enovis Corp. (A)	825	45,375
Envista Holdings Corp. (A)	2,931	112,961
enVeno Medical Corp. (A)	432	1,633
Establishment Labs Holdings, Inc. (A)	465	25,287
Figs, Inc., Class A (A)	2,715	24,734
Glaukos Corp. (A)	856	38,880
Globus Medical, Inc., Class A (A)	1,836	103,073
Haemonetics Corp. (A)	931	60,683
Helius Medical Technologies, Inc. (A)	213	251
Heska Corp. (A)	175	16,539
Hologic, Inc. (A)	4,145	287,249
ICU Medical, Inc. (A)	382	62,797
IDEXX Laboratories, Inc. (A)	1,443	506,103
Inari Medical, Inc. (A)	835	56,772
Inogen, Inc. (A)	449	10,857
Insulet Corp. (A)	1,220	265,887
Integer Holdings Corp. (A)	625	44,163
Integra LifeSciences Holdings Corp. (A)	1,524	82,342
Intuitive Surgical, Inc. (A)	6,110	1,226,338
iRadimed Corp.	275	9,334
iRhythm Technologies, Inc. (A)	538	58,120
Lantheus Holdings, Inc. (A)	1,247	82,339
LeMaitre Vascular, Inc.	458	20,862
Lucira Health, Inc. (A)	556	1,034
Masimo Corp. (A)	976	127,534
Meridian Bioscience, Inc. (A)	942	28,656
Merit Medical Systems, Inc. (A)	1,044	56,658
Mesa Laboratories, Inc.	96	19,578
Microbot Medical, Inc. (A)	440	2,257
Natus Medical, Inc. (A)	710	23,267
Neogen Corp. (A)	1,989	47,915
Neuroonetics, Inc. (A)	550	1,766
NeuroPace, Inc. (A)	100	495
Nevro Corp. (A)	648	28,402
NuVasive, Inc. (A)	954	46,899
Omniceil, Inc. (A)	790	89,863
OraSure Technologies, Inc. (A)	1,505	4,079
Orthofix Medical, Inc. (A)	439	10,334
OrthoPediatrics Corp. (A)	364	15,707
Outset Medical, Inc. (A)	709	10,536
Owlet, Inc. (A)	1,547	2,630
Penumbra, Inc. (A)	660	82,183
PROCEPT BioRobotics Corp. (A)	603	19,712
Pulmonx Corp. (A)	486	7,154
Pulse Biosciences, Inc. (A)	394	603
QuidelOrtho Corp. (A)	1,138	110,591
ResMed, Inc.	2,499	523,865
Retractable Technologies, Inc. (A)	238	912
RxSight, Inc. (A)	159	2,239
SeaSpine Holdings Corp. (A)	591	3,339
Second Sight Medical Products, Inc. (A)	1,266	2,570
Senseonics Holdings, Inc. (A)(B)	7,349	7,569
Shockwave Medical, Inc. (A)	634	121,202
SI-BONE, Inc. (A)	650	8,580

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care equipment and supplies (continued)</b>		
Sight Sciences, Inc. (A)	684	\$ 6,149
Silk Road Medical, Inc. (A)	667	24,272
SmileDirectClub, Inc. (A)(B)	7,305	7,597
Sonendo, Inc. (A)	247	425
STAAR Surgical Company (A)	849	60,220
Stereotaxis, Inc. (A)	1,565	2,880
Stryker Corp.	6,401	1,273,351
Surmodics, Inc. (A)	315	11,727
Tactile Systems Technology, Inc. (A)	415	3,030
Tandem Diabetes Care, Inc. (A)	1,121	66,352
Tela Bio, Inc. (A)	31	220
Teleflex, Inc.	807	198,401
The Cooper Companies, Inc.	829	259,576
TransMedics Group, Inc. (A)	477	15,002
Treace Medical Concepts, Inc. (A)	685	9,823
Utah Medical Products, Inc.	94	8,075
Vapotherm, Inc. (A)	424	1,073
Varex Imaging Corp. (A)	786	16,813
Vicarious Surgical, Inc. (A)	1,697	4,989
Zimmer Biomet Holdings, Inc.	3,625	380,843
Zimvie, Inc. (A)	366	5,860
		15,330,130
<b>Health care providers and services – 3.1%</b>		
Life Healthcare, Inc. (A)	2,297	18,008
Acadia Healthcare Company, Inc. (A)	1,593	107,735
Accolade, Inc. (A)	974	7,208
Aceto Corp. (A)(C)	853	0
Addus HomeCare Corp. (A)	306	25,484
agilon health, Inc. (A)	6,679	145,803
AirSculpt Technologies, Inc. (A)	375	2,224
AlerisLife, Inc. (A)	1,606	1,927
Alignment Healthcare, Inc. (A)	3,052	34,823
Amedisys, Inc. (A)	587	61,705
AmerisourceBergen Corp.	3,489	493,624
AMN Healthcare Services, Inc. (A)	842	92,376
Apollo Medical Holdings, Inc. (A)	958	36,969
Aveanna Healthcare Holdings, Inc. (A)	2,590	5,853
Biodesix, Inc. (A)	597	979
Brookdale Senior Living, Inc. (A)	3,810	17,297
Cardinal Health, Inc.	4,665	243,840
Castle Biosciences, Inc. (A)	350	7,683
Centene Corp. (A)	9,900	837,639
Chemed Corp.	230	107,960
Cigna Corp.	5,413	1,426,434
Community Health Systems, Inc. (A)	2,429	9,109
CorVel Corp. (A)	325	47,863
Covetrus, Inc. (A)	2,407	49,945
Cross Country Healthcare, Inc. (A)	752	15,664
CVS Health Corp.	22,149	2,052,326
DaVita, Inc. (A)	1,518	121,379
Elevance Health, Inc.	4,057	1,957,827
Encompass Health Corp.	1,801	100,946
Fulgent Genetics, Inc. (A)	470	25,629
Guardant Health, Inc. (A)	1,818	73,338
Hanger, Inc. (A)	810	11,599
HCA Healthcare, Inc.	5,126	861,476
HealthEquity, Inc. (A)	1,482	90,980
Henry Schein, Inc. (A)	2,222	170,516
Humana, Inc.	2,128	996,053
InfuSystem Holdings, Inc. (A)	109	1,050
Innovage Holding Corp. (A)	1,986	8,699
Interpace Biosciences, Inc. (A)	276	944
Invitae Corp. (A)	3,645	8,894
Laboratory Corp. of America Holdings	1,557	364,899
LHC Group, Inc. (A)	566	88,149

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Health care providers and services (continued)</b>		
LifeStance Health Group, Inc. (A)	6,301	\$ 35,034
McKesson Corp.	2,499	815,199
MEDNAX, Inc. (A)	1,595	33,511
ModivCare, Inc. (A)	241	20,365
Molina Healthcare, Inc. (A)	972	271,781
National HealthCare Corp.	341	23,836
National Research Corp.	508	19,446
Oak Street Health, Inc. (A)	4,161	68,407
Ontrak, Inc. (A)	613	650
OPKO Health, Inc. (A)	12,549	31,749
Option Care Health, Inc. (A)	3,251	90,345
Owens & Minor, Inc.	1,368	43,024
Patterson Companies, Inc.	1,751	53,055
PetiQ, Inc. (A)	575	9,654
Premier, Inc., Class A	1,861	66,400
Privia Health Group, Inc. (A)	1,729	50,348
Progyny, Inc. (A)	1,614	46,887
Quest Diagnostics, Inc.	1,989	264,497
R1 RCM, Inc. (A)	4,729	99,120
RadNet, Inc. (A)	1,011	17,470
Select Medical Holdings Corp.	2,459	58,082
Sema4 Holdings Corp. (A)	3,705	4,668
Signify Health, Inc., Class A (A)	3,684	50,839
Surgery Partners, Inc. (A)	1,393	40,286
Talkspace, Inc. (A)	2,060	3,502
Tenet Healthcare Corp. (A)	1,901	99,917
The Ensign Group, Inc.	1,012	74,352
The Joint Corp. (A)	267	4,088
The Oncology Institute, Inc. (A)(B)	594	3,006
The Pennant Group, Inc. (A)	613	7,853
UnitedHealth Group, Inc.	15,893	8,163,122
Universal Health Services, Inc., Class B	1,248	125,686
US Physical Therapy, Inc.	274	29,921
Vivos Therapeutics, Inc. (A)	931	1,201
		21,460,157
<b>Health care technology – 0.2%</b>		
Allscripts Healthcare Solutions, Inc. (A)	2,443	36,230
American Well Corp., Class A (A)	4,475	19,332
Better Therapeutics, Inc. (A)	160	250
Certara, Inc. (A)	2,761	59,251
Change Healthcare, Inc. (A)	4,981	114,862
Computer Programs & Systems, Inc. (A)	332	10,614
Convey Health Solutions Holdings, Inc. (A)	707	7,353
Definitive Healthcare Corp. (A)	2,482	56,912
Doximity, Inc., Class A (A)	3,282	114,279
Evolent Health, Inc., Class A (A)	1,650	50,672
GoodRx Holdings, Inc., Class A (A)	7,028	41,606
Health Catalyst, Inc. (A)	714	10,346
HealthStream, Inc. (A)	704	15,284
Inspire Medical Systems, Inc. (A)	489	89,326
MultiPlan Corp. (A)	10,977	60,264
NextGen Healthcare, Inc. (A)	1,375	23,980
Nutex Health, Inc. (A)	7,837	25,274
Pear Therapeutics, Inc. (A)(B)	858	1,321
Phreesia, Inc. (A)	801	20,033
Schrodinger, Inc. (A)	1,147	30,292
Sharecare, Inc. (A)	5,224	8,254
Simulations Plus, Inc.	395	19,485
Tabula Rasa HealthCare, Inc. (A)	474	1,218
Teladoc Health, Inc. (A)	2,766	91,859
Veeva Systems, Inc., Class A (A)	2,671	528,965
		1,437,262
<b>Life sciences tools and services – 1.7%</b>		
10X Genomics, Inc., Class A (A)	1,989	90,002

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Life sciences tools and services (continued)</b>		
Absci Corp. (A)	1,492	\$ 4,953
Adaptive Biotechnologies Corp. (A)	2,619	21,188
Agilent Technologies, Inc.	5,119	607,984
Alpha Teknova, Inc. (A)	345	2,898
Avantor, Inc. (A)	10,429	324,342
Azenta, Inc.	1,336	96,326
Berkeley Lights, Inc. (A)	1,103	5,482
Bionano Genomics, Inc. (A)	4,957	6,841
Bio-Rad Laboratories, Inc., Class A (A)	498	246,510
Bio-Techne Corp.	678	235,022
Bruker Corp.	2,700	169,452
Charles River Laboratories International, Inc. (A)	888	190,005
Codex DNA, Inc. (A)	223	401
Codexis, Inc. (A)	1,214	12,698
Cytek Biosciences, Inc. (A)	1,914	20,537
Danaher Corp.	12,109	3,069,874
ICON PLC (A)	19	4,117
Illumina, Inc. (A)	2,602	479,705
Inotiv, Inc. (A)	218	2,093
IQVIA Holdings, Inc. (A)	3,288	713,463
IsoPlexis Corp. (A)	442	955
Maravai LifeSciences Holdings, Inc., Class A (A)	4,598	130,629
Medpace Holdings, Inc. (A)	647	96,836
Mettler-Toledo International, Inc. (A)	385	442,276
Miromatrix Medical, Inc. (A)	304	1,213
NanoString Technologies, Inc. (A)	769	9,766
NeoGenomics, Inc. (A)	2,242	18,272
Pacific Biosciences of California, Inc. (A)	3,737	16,518
PerkinElmer, Inc.	2,144	304,920
Personalis, Inc. (A)	696	2,401
Quanterix Corp. (A)	548	8,872
Rapid Micro Biosystems, Inc., Class A (A)	438	1,883
Repligen Corp. (A)	982	159,477
Science 37 Holdings, Inc. (A)	1,340	2,693
Seer, Inc. (A)	912	8,162
Singular Genomics Systems, Inc. (A)	1,117	4,267
SomaLogic, Inc. (A)	2,875	12,995
Sotera Health Company (A)	5,126	100,418
Standard BioTools, Inc. (A)	1,624	2,598
Syneos Health, Inc. (A)	1,834	131,461
Thermo Fisher Scientific, Inc.	6,614	3,593,254
Waters Corp. (A)	1,016	336,276
West Pharmaceutical Services, Inc.	1,273	384,917
		12,074,952
<b>Pharmaceuticals – 4.1%</b>		
Aclaris Therapeutics, Inc. (A)	1,008	14,072
Aerie Pharmaceuticals, Inc. (A)	991	7,433
Alexza Pharmaceuticals, Inc. (A)(C)	2,067	72
Amneal Pharmaceuticals, Inc. (A)	5,989	19,045
Amphastar Pharmaceuticals, Inc. (A)	1,078	37,504
Angion Biomedica Corp. (A)	1,195	1,362
ANI Pharmaceuticals, Inc. (A)	272	8,070
Arvinas, Inc. (A)	830	34,935
Assertio Holdings, Inc. (A)	333	982
Atea Pharmaceuticals, Inc. (A)	1,534	10,891
Athira Pharma, Inc. (A)	794	2,422
Axsome Therapeutics, Inc. (A)	694	26,580
Bristol-Myers Squibb Company	37,641	2,898,357
Cara Therapeutics, Inc. (A)	906	8,272
Cassava Sciences, Inc. (A)	680	19,122
Catalent, Inc. (A)	3,014	323,372
Clearside Biomedical, Inc. (A)	745	1,095
Cognition Therapeutics, Inc. (A)	195	415

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
Collegium Pharmaceutical, Inc. (A)	742	\$ 13,148
Concept Therapeutics, Inc. (A)	2,211	52,578
DICE Therapeutics, Inc. (A)	507	7,869
Dova Pharmaceuticals, Inc. (A)(C)	702	0
Edgewise Therapeutics, Inc. (A)	725	5,771
Elanco Animal Health, Inc. (A)	7,996	156,961
Eli Lilly & Company	16,114	5,224,642
Esperion Therapeutics, Inc. (A)	1,610	10,240
Evolus, Inc. (A)	1,243	14,419
Eyenovia, Inc. (A)	1,099	2,143
EyePoint Pharmaceuticals, Inc. (A)	226	1,779
Fulcrum Therapeutics, Inc. (A)	625	3,063
Harmony Biosciences Holdings, Inc. (A)	852	41,552
Harrow Health, Inc. (A)	642	4,674
Ikena Oncology, Inc. (A)	556	2,463
Innoviva, Inc. (A)	1,418	20,930
Intra-Cellular Therapies, Inc. (A)	1,306	74,546
Johnson & Johnson	44,425	7,885,882
Liquidia Corp. (A)	907	3,955
Lyra Therapeutics, Inc. (A)	554	3,130
Marinus Pharmaceuticals, Inc. (A)	569	2,754
Merck & Company, Inc.	42,677	3,890,862
MyMD Pharmaceuticals, Inc. (A)	531	1,152
Nektar Therapeutics (A)	3,478	13,216
NGM Biopharmaceuticals, Inc. (A)	1,448	18,563
Ocular Therapeutix, Inc. (A)	1,256	5,049
Omeros Corp. (A)	1,206	3,317
Optinose, Inc. (A)	2,082	7,620
Oramed Pharmaceuticals, Inc. (A)	522	2,391
Organon & Company	4,138	139,658
Otonomy, Inc. (A)	2,342	4,871
Pacira BioSciences, Inc. (A)	844	49,205
Palisade Bio, Inc. (A)(C)	9,919	0
Paratek Pharmaceuticals, Inc. (A)	901	1,739
Pfizer, Inc.	95,090	4,985,569
Phathom Pharmaceuticals, Inc. (A)	484	4,085
Phibro Animal Health Corp., Class A	851	16,280
Pliant Therapeutics, Inc. (A)	485	3,885
PLx Pharma, Inc. (A)	528	1,283
Prestige Consumer Healthcare, Inc. (A)	755	44,394
Prevail Therapeutics, Inc. (A)(C)	788	1,611
Prevention Bio, Inc. (A)	1,551	6,204
Rain Therapeutics, Inc. (A)	373	2,074
Rani Therapeutics Holdings, Inc., Class A (A)	789	8,150
Reata Pharmaceuticals, Inc., Class A (A)	634	19,267
Relmada Therapeutics, Inc. (A)	263	4,994
Revance Therapeutics, Inc. (A)	1,139	15,741
Royalty Pharma PLC, Class A	10,381	436,417
Satsuma Pharmaceuticals, Inc. (A)	341	1,412
scPharmaceuticals, Inc. (A)	172	829
SCYNEXIS, Inc. (A)	751	1,397
SIGA Technologies, Inc.	1,703	19,721
Supernus Pharmaceuticals, Inc. (A)	1,044	30,192
Tarsus Pharmaceuticals, Inc. (A)	267	3,898
Terns Pharmaceuticals, Inc. (A)	403	999
TFF Pharmaceuticals, Inc. (A)	273	1,542
Theseus Pharmaceuticals, Inc. (A)	484	2,677
Tilray Brands, Inc. (A)(B)	7,922	24,717
Tobira Therapeutics, Inc. (A)(C)	609	2,521
Tricida, Inc. (A)	1,068	10,338
Ventyx Biosciences, Inc. (A)	451	5,516
Verrica Pharmaceuticals, Inc. (A)	659	1,265
Viatrix, Inc.	21,153	221,472
Virpax Pharmaceuticals, Inc. (A)	556	934

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Pharmaceuticals (continued)</b>		
Xeris Biopharma Holdings, Inc. (A)	2,993	\$ 4,609
Zoetis, Inc.	8,015	1,377,698
Zogenix, Inc. (A)(C)	961	653
		<u>28,346,487</u>
		96,557,840
<b>Industrials – 8.5%</b>		
<b>Aerospace and defense – 1.6%</b>		
AAR Corp. (A)	757	31,673
Aerojet Rocketdyne Holdings, Inc. (A)	1,489	60,453
AeroVironment, Inc. (A)	487	40,031
Applied Energetics, Inc. (A)	2,713	6,104
Archer Aviation, Inc., Class A (A)	3,543	10,912
Astra Space, Inc. (A)(B)	4,206	5,468
Astronics Corp. (A)	623	6,336
Axon Enterprise, Inc. (A)	1,184	110,313
BWX Technologies, Inc.	1,646	90,678
Cadre Holdings, Inc.	144	2,832
Curtiss-Wright Corp.	627	82,802
Ducommun, Inc. (A)	268	11,535
General Dynamics Corp.	4,635	1,025,494
HEICO Corp.	160	20,979
HEICO Corp., Class A	2,143	225,829
Hexcel Corp.	1,553	81,237
Howmet Aerospace, Inc.	7,254	228,138
Huntington Ingalls Industries, Inc.	592	128,949
Kaman Corp.	587	18,344
Kratos Defense & Security Solutions, Inc. (A)	2,288	31,757
L3Harris Technologies, Inc.	3,289	794,951
Lockheed Martin Corp.	4,570	1,964,917
Maxar Technologies, Inc.	1,313	34,256
Mercury Systems, Inc. (A)	1,052	67,675
Momentus, Inc. (A)	826	1,784
Moog, Inc., Class A	670	53,191
National Presto Industries, Inc.	169	11,093
Northrop Grumman Corp.	2,613	1,250,503
Park Aerospace Corp.	561	7,158
Parsons Corp. (A)	1,954	78,981
Raytheon Technologies Corp.	25,466	2,447,537
Redwire Corp. (A)	767	2,332
Rocket Lab USA, Inc. (A)	6,412	24,301
Spirit AeroSystems Holdings, Inc., Class A	1,918	56,197
Textron, Inc.	3,661	223,577
The Boeing Company (A)	9,927	1,357,219
TransDigm Group, Inc. (A)	932	500,176
Triumph Group, Inc. (A)	1,030	13,689
Vectrus, Inc. (A)	260	8,700
Woodward, Inc.	1,099	101,647
		<u>11,219,748</u>
<b>Air freight and logistics – 0.6%</b>		
Air Transport Services Group, Inc. (A)	1,293	37,148
Atlas Air Worldwide Holdings, Inc. (A)	418	25,795
CH Robinson Worldwide, Inc.	2,122	215,107
Expeditors International of Washington, Inc.	2,730	266,066
FedEx Corp.	4,492	1,018,381
Forward Air Corp.	511	46,992
GXO Logistics, Inc. (A)	1,949	84,333
Hub Group, Inc., Class A (A)	546	38,733
United Parcel Service, Inc., Class B	14,755	2,693,378
		<u>4,425,933</u>
<b>Airlines – 0.2%</b>		
Alaska Air Group, Inc. (A)	2,149	86,067
Allegiant Travel Company (A)	324	36,641

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Airlines (continued)</b>		
American Airlines Group, Inc. (A)(B)	11,117	\$ 140,964
Delta Air Lines, Inc. (A)	10,964	317,627
Frontier Group Holdings, Inc. (A)	3,244	30,396
Hawaiian Holdings, Inc. (A)	993	14,210
JetBlue Airways Corp. (A)	6,077	50,864
Joby Aviation, Inc. (A)(B)	10,208	50,121
Mesa Air Group, Inc. (A)	734	1,607
SkyWest, Inc. (A)	1,002	21,293
Southwest Airlines Company (A)	10,217	369,038
Spirit Airlines, Inc. (A)	1,541	36,737
Sun Country Airlines Holdings, Inc. (A)	623	11,426
United Airlines Holdings, Inc. (A)	5,481	194,137
Wheels Up Experience, Inc. (A)	3,103	6,051
		<u>1,367,179</u>
<b>Building products – 0.5%</b>		
A.O. Smith Corp.	2,744	150,042
AAON, Inc.	991	54,267
Advanced Drainage Systems, Inc.	1,296	116,731
American Woodmark Corp. (A)	357	16,069
Apogee Enterprises, Inc.	557	21,846
Armstrong World Industries, Inc.	847	63,491
Builders FirstSource, Inc. (A)	3,053	163,946
Carlisle Companies, Inc.	734	175,140
Carrier Global Corp.	14,620	521,349
Cornerstone Building Brands, Inc. (A)	2,433	59,584
CSW Industrials, Inc.	335	34,515
Fortune Brands Home & Security, Inc.	2,348	140,598
Gibraltar Industries, Inc. (A)	643	24,916
Griffon Corp.	1,054	29,544
Hayward Holdings, Inc. (A)	3,667	52,768
Insteel Industries, Inc.	400	13,468
JELD-WEN Holding, Inc. (A)	1,838	26,816
Johnson Controls International PLC	11,853	567,522
Lennox International, Inc.	622	128,499
Masco Corp.	4,039	204,373
Owens Corning	1,737	129,076
PGT Innovations, Inc. (A)	1,295	21,549
Quanex Building Products Corp.	554	12,604
Resideo Technologies, Inc. (A)	2,640	51,269
Simpson Manufacturing Company, Inc.	736	74,049
The AZEK Company, Inc. (A)	2,505	41,934
Trex Company, Inc. (A)	2,066	112,432
UFP Industries, Inc.	1,020	69,503
Zum Water Solutions Corp.	2,268	61,780
		<u>3,139,680</u>
<b>Commercial services and supplies – 0.6%</b>		
ABM Industries, Inc.	1,236	53,667
ACCO Brands Corp.	2,109	13,772
ACV Auctions, Inc., Class A (A)	2,502	16,363
Aurora Innovation, Inc. (A)	17,214	32,879
Brady Corp., Class A	832	39,304
BrightView Holdings, Inc. (A)	2,167	26,004
Casella Waste Systems, Inc., Class A (A)	963	69,991
CECO Environmental Corp. (A)	931	5,567
Charah Solutions, Inc. (A)	247	924
Cintas Corp.	1,730	646,207
Civeo Corp. (A)	76	1,966
Clean Harbors, Inc. (A)	953	83,550
Copart, Inc. (A)	4,057	440,834
CoreCivic, Inc. (A)	2,321	25,786
Deluxe Corp.	840	18,203
Driven Brands Holdings, Inc. (A)	2,702	74,413
Ennis, Inc.	556	11,248
Harsco Corp. (A)	1,705	12,123
Healthcare Services Group, Inc.	1,493	25,993

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Commercial services and supplies (continued)</b>		
Heritage-Crystal Clean, Inc. (A)	532	\$ 14,343
HNI Corp.	862	29,903
IAA, Inc. (A)	2,440	79,959
Interface, Inc.	1,167	14,634
KAR Auction Services, Inc. (A)	2,327	34,370
Kimball International, Inc., Class B	828	6,351
Matthews International Corp., Class A	680	19,496
MillerKnoll, Inc.	1,430	37,566
Montrose Environmental Group, Inc. (A)	443	14,956
MSA Safety, Inc.	688	83,296
NL Industries, Inc.	1,334	13,167
Performant Financial Corp. (A)	374	984
Pitney Bowes, Inc.	3,538	12,808
Quad/Graphics, Inc. (A)	1,350	3,713
Republic Services, Inc.	5,183	678,299
Rollins, Inc.	8,504	296,960
SP Plus Corp. (A)	517	15,882
Steelcase, Inc., Class A	2,379	25,527
Stercycle, Inc. (A)	1,759	77,132
Tetra Tech, Inc.	936	127,811
The Brink's Company	928	56,339
UniFirst Corp.	321	55,270
Viad Corp. (A)	446	12,314
VSE Corp.	270	10,147
Waste Management, Inc.	6,927	1,059,692
		4,379,713
<b>Construction and engineering – 0.2%</b>		
AECOM	2,370	154,571
Ameresco, Inc., Class A (A)	941	42,872
Arcosa, Inc.	870	40,394
Argan, Inc.	361	13,473
Comfort Systems USA, Inc.	664	55,212
Construction Partners, Inc., Class A (A)	1,071	22,427
Dycom Industries, Inc. (A)	581	54,056
EMCOR Group, Inc.	840	86,486
Fluor Corp. (A)	2,601	63,308
Granite Construction, Inc.	919	26,780
Great Lakes Dredge & Dock Corp. (A)	1,462	19,167
IES Holdings, Inc. (A)	478	14,421
Infrastructure and Energy Alternatives, Inc. (A)	472	3,790
Innovate Corp. (A)	406	702
MasTec, Inc. (A)	1,327	95,093
Matrix Service Company (A)	663	3,355
MDU Resources Group, Inc.	3,608	97,380
MYR Group, Inc. (A)	327	28,819
Northwest Pipe Company (A)	252	7,545
Orion Group Holdings, Inc. (A)	985	2,246
Primoris Services Corp.	1,046	22,761
Quanta Services, Inc.	2,460	308,336
Sterling Infrastructure, Inc. (A)	650	14,248
Tutor Perini Corp. (A)	1,152	10,115
Valmont Industries, Inc.	334	75,026
WillScot Mobile Mini Holdings Corp. (A)	4,093	132,695
		1,395,278
<b>Electrical equipment – 0.6%</b>		
Acuity Brands, Inc.	607	93,502
Allied Motion Technologies, Inc.	333	7,606
American Superconductor Corp. (A)	626	3,243
AMETEK, Inc.	3,799	417,472
Array Technologies, Inc. (A)	2,316	25,499
Atkore, Inc. (A)	774	64,250
AZZ, Inc.	556	22,696
Babcock & Wilcox Enterprises, Inc. (A)	1,048	6,319
Blink Charging Company (A)(B)	696	11,505

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electrical equipment (continued)</b>		
Bloom Energy Corp., Class A (A)	2,966	\$ 48,939
Capstone Green Energy Corp. (A)	261	645
ChargePoint Holdings, Inc. (A)(B)	5,450	74,611
Eaton Corp. PLC	6,643	836,952
Emerson Electric Company	9,961	792,298
Encore Wire Corp.	366	38,035
EnerSys	802	47,286
Enovix Corp. (A)	2,439	21,731
ESS Tech, Inc. (A)	233	655
Fluence Energy, Inc. (A)	1,178	11,167
FTC Solar, Inc. (A)	1,092	3,953
FuelCell Energy, Inc. (A)	6,301	23,629
Generac Holdings, Inc. (A)	1,079	227,216
GrafTech International, Ltd.	4,350	30,755
Hubbell, Inc.	907	161,972
nVent Electric PLC	3,013	94,397
Orion Energy Systems, Inc. (A)	915	1,839
Plug Power, Inc. (A)	10,058	166,661
Powell Industries, Inc.	287	6,707
Preformed Line Products Company	126	7,749
Regal Rexnord Corp.	1,165	132,251
Rockwell Automation, Inc.	1,958	390,249
Shoals Technologies Group, Inc., Class A (A)	2,743	45,205
Sunrun, Inc. (A)	3,673	85,801
Sunworks, Inc. (A)	718	1,134
Thermon Group Holdings, Inc. (A)	751	10,552
TPI Composites, Inc. (A)	773	9,663
Vicor Corp. (A)	789	43,182
		3,967,326
<b>Industrial conglomerates – 0.7%</b>		
3M Company	9,603	1,242,724
General Electric Company	18,742	1,193,303
Honeywell International, Inc.	11,546	2,006,810
Icahn Enterprises LP	4,276	205,761
		4,648,598
<b>Machinery – 1.6%</b>		
AGCO Corp.	1,249	123,276
Agrify Corp. (A)	374	737
Alamo Group, Inc.	239	27,827
Albany International Corp., Class A	544	42,862
Allison Transmission Holdings, Inc.	1,324	50,908
Altra Industrial Motion Corp.	1,239	43,675
Astec Industries, Inc.	493	20,105
Barnes Group, Inc.	1,066	33,195
Berkshire Grey, Inc. (A)	3,321	4,815
Caterpillar, Inc.	9,083	1,623,677
Chart Industries, Inc. (A)	655	109,634
CIRCOR International, Inc. (A)	461	7,556
Columbus McKinnon Corp.	532	15,093
Commercial Vehicle Group, Inc. (A)	856	4,999
Crane Holdings Company	963	84,320
Cummins, Inc.	2,359	456,537
Deere & Company	5,197	1,556,346
Donaldson Company, Inc.	2,062	99,265
Douglas Dynamics, Inc.	435	12,502
Dover Corp.	2,215	268,724
Energy Recovery, Inc. (A)	1,211	23,518
Energpac Tool Group Corp.	1,293	24,593
EnPro Industries, Inc.	426	34,902
Esab Corp.	825	36,094
ESCO Technologies, Inc.	519	35,484
Evoqua Water Technologies Corp. (A)	2,177	70,774
Federal Signal Corp.	1,188	42,293
Flowserve Corp.	2,471	70,745

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Fortive Corp.	6,057	\$ 329,380
Franklin Electric Company, Inc.	834	61,099
Gates Industrial Corp. PLC (A)	5,423	58,623
Gencor Industries, Inc. (A)	428	4,348
Graco, Inc.	2,976	176,804
Graham Corp.	310	2,145
Helios Technologies, Inc.	627	41,539
Hillenbrand, Inc.	1,455	59,597
Hillman Solutions Corp. (A)	2,499	21,591
Hurco Companies, Inc.	183	4,527
Hydrofarm Holdings Group, Inc. (A)	570	1,984
Hyster-Yale Materials Handling, Inc.	296	9,537
Hyzon Motors, Inc. (A)(B)	3,912	11,501
IDEX Corp.	1,049	190,530
Illinois Tool Works, Inc.	5,165	941,321
Ingersoll Rand, Inc.	7,322	308,110
ITT, Inc.	1,504	101,129
John Bean Technologies Corp.	615	67,908
Kadant, Inc.	213	38,841
Kennametal, Inc.	1,628	37,818
LB Foster Company, Class A (A)	298	3,835
Lincoln Electric Holdings, Inc.	847	104,486
Lindsay Corp.	215	28,556
Markforged Holding Corp. (A)	2,754	5,095
Mayville Engineering Company, Inc. (A)	522	4,040
Meritor, Inc. (A)	1,280	46,502
Microvast Holdings, Inc. (A)	5,831	12,945
Miller Industries, Inc.	293	6,642
Mueller Industries, Inc.	805	42,898
Mueller Water Products, Inc., Class A	3,308	38,803
Nikola Corp. (A)(B)	6,833	32,525
NN, Inc. (A)	766	1,938
Nordson Corp.	841	170,252
Omega Flex, Inc.	223	23,999
Oshkosh Corp.	1,153	94,707
Otis Worldwide Corp.	7,166	506,421
PACCAR, Inc.	5,813	478,642
Parker-Hannifin Corp.	2,128	523,594
Park-Ohio Holdings Corp.	316	5,012
Proto Labs, Inc. (A)	533	25,499
RBC Bearings, Inc. (A)	515	95,249
REV Group, Inc.	1,210	13,153
Sarcos Technology and Robotics Corp. (A)	1,472	3,916
Snap-on, Inc.	835	164,520
SPX Corp. (A)	887	46,869
Standex International Corp.	280	23,738
Stanley Black & Decker, Inc.	2,832	296,964
Tennant Company	380	22,515
Terex Corp.	1,289	35,280
The Eastern Company	202	4,109
The Gorman-Rupp Company	603	17,065
The Greenbrier Companies, Inc.	586	21,090
The Manitowoc Company, Inc. (A)	748	7,876
The Middleby Corp. (A)	958	120,095
The Shyft Group, Inc.	699	12,994
The Timken Company	1,420	75,331
The Toro Company	1,761	133,466
Titan International, Inc. (A)	1,489	22,484
Trinity Industries, Inc.	1,797	43,523
Velo3D, Inc. (A)	1,316	1,816
Wabash National Corp.	1,110	15,074
Wabtec Corp.	3,237	265,693
Watts Water Technologies, Inc., Class A	551	67,685
Welbilt, Inc. (A)	2,649	63,073
Xos, Inc. (A)	2,320	4,269

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Machinery (continued)</b>		
Xylem, Inc.	3,150	\$ 246,267
		11,373,293
<b>Marine – 0.0%</b>		
Eagle Bulk Shipping, Inc.	275	14,267
Kirby Corp. (A)	1,155	70,270
Matson, Inc.	666	48,538
		133,075
<b>Professional services – 0.6%</b>		
Alight, Inc., Class A (A)	6,833	46,123
ASGN, Inc. (A)	938	84,655
Barrett Business Services, Inc.	173	12,607
BlackSky Technology, Inc. (A)	1,388	3,206
Booz Allen Hamilton Holding Corp.	2,229	201,412
CACI International, Inc., Class A (A)	328	92,424
CBIZ, Inc. (A)	1,073	42,877
CoStar Group, Inc. (A)	6,928	418,520
CRA International, Inc.	162	14,470
Dun & Bradstreet Holdings, Inc. (A)	7,238	108,787
Equifax, Inc.	2,085	381,096
Exponent, Inc.	927	84,793
First Advantage Corp. (A)	2,261	28,647
Forrester Research, Inc. (A)	420	20,093
Franklin Covey Company (A)	312	14,408
FTI Consulting, Inc. (A)	466	84,276
Heidrick & Struggles International, Inc.	421	13,624
Huron Consulting Group, Inc. (A)	468	30,415
ICF International, Inc.	377	35,815
Insperty, Inc.	704	70,280
Jacobs Engineering Group, Inc.	2,150	273,330
KBR, Inc.	2,506	121,265
Kelly Services, Inc., Class A	813	16,122
Kforce, Inc.	412	25,272
Korn Ferry	998	57,904
Legalzoom.com, Inc. (A)	3,194	35,102
Leidos Holdings, Inc.	2,349	236,568
ManpowerGroup, Inc.	958	73,201
ManTech International Corp., Class A	785	74,928
Mistras Group, Inc. (A)	754	4,479
Planet Labs PBC (A)	1,753	7,590
Red Violet, Inc. (A)	54	1,028
Resources Connection, Inc.	781	15,909
Robert Half International, Inc.	1,916	143,489
Science Applications International Corp.	855	79,601
Spire Global, Inc. (A)	2,065	2,395
Sterling Check Corp. (A)	1,453	23,698
TransUnion	3,316	265,247
TriNet Group, Inc. (A)	1,152	89,418
TrueBlue, Inc. (A)	739	13,228
Upwork, Inc. (A)	2,277	47,088
Verisk Analytics, Inc.	2,769	479,286
Willdan Group, Inc. (A)	264	7,281
		3,881,957
<b>Road and rail – 1.0%</b>		
AMERCO	307	146,817
ArcBest Corp.	474	33,355
Avis Budget Group, Inc. (A)	843	123,988
Canadian Pacific Railway, Ltd.	309	21,581
Covenant Logistics Group, Inc.	436	10,939
CSX Corp.	36,962	1,074,116
Daseke, Inc. (A)	1,184	7,566
Heartland Express, Inc.	1,522	21,171
JB Hunt Transport Services, Inc.	1,731	272,581
Knight-Swift Transportation Holdings, Inc.	2,859	132,343
Landstar System, Inc.	521	75,764



# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Road and rail (continued)</b>		
Lyft, Inc., Class A (A)	5,983	\$ 79,454
Marten Transport, Ltd.	1,666	28,022
Norfolk Southern Corp.	3,988	906,433
Old Dominion Freight Line, Inc.	1,937	496,414
P.A.M. Transportation Services, Inc. (A)	478	13,092
Ryder System, Inc.	920	65,375
Saia, Inc. (A)	476	89,488
Schneider National, Inc., Class B	2,984	66,782
TuSimple Holdings, Inc., Class A (A)	3,576	25,854
Uber Technologies, Inc. (A)	33,348	682,300
Union Pacific Corp.	10,744	2,291,480
Universal Logistics Holdings, Inc.	647	17,670
Werner Enterprises, Inc.	858	33,067
XPO Logistics, Inc. (A)	1,938	93,334
Yellow Corp. (A)	875	2,564
		6,811,550
<b>Trading companies and distributors – 0.3%</b>		
Air Lease Corp.	1,934	64,654
Alta Equipment Group, Inc. (A)	98	879
Applied Industrial Technologies, Inc.	635	61,068
Beacon Roofing Supply, Inc. (A)	1,258	64,611
BlueLinx Holdings, Inc. (A)	138	9,220
Boise Cascade Company	690	41,048
Core & Main, Inc., Class A (A)	3,569	79,589
Distribution Solutions Group, Inc. (A)	105	5,396
DXP Enterprises, Inc. (A)	424	12,987
EVI Industries, Inc. (A)	281	2,807
Fastenal Company	9,687	483,575
Fortress Transportation & Infrastructure Investors LLC, Class A	1,753	33,903
GATX Corp.	572	53,860
Global Industrial Company	777	26,239
GMS, Inc. (A)	822	36,579
H&E Equipment Services, Inc.	697	20,192
Herc Holdings, Inc.	532	47,960
McGrath RentCorp	476	36,176
MRC Global, Inc. (A)	1,850	18,426
MSC Industrial Direct Company, Inc., Class A	705	52,953
NOW, Inc. (A)	2,251	22,015
Rush Enterprises, Inc., Class A	1,071	51,622
SiteOne Landscape Supply, Inc. (A)	801	95,215
Textainer Group Holdings, Ltd.	934	25,601
Titan Machinery, Inc. (A)	513	11,496
United Rentals, Inc. (A)	1,225	297,565
Univar Solutions, Inc. (A)	3,074	76,450
Veritiv Corp. (A)	272	29,526
W.W. Grainger, Inc.	825	374,905
Watsco, Inc.	656	156,666
WESCO International, Inc. (A)	915	97,997
		2,391,180
		59,134,510
<b>Information technology – 24.6%</b>		
<b>Communications equipment – 0.8%</b>		
ADTRAN, Inc.	1,000	17,530
Airspan Networks Holdings, Inc. (A)	603	1,803
Applied Optoelectronics, Inc. (A)	524	812
Arista Networks, Inc. (A)	5,283	495,228
Aviat Networks, Inc. (A)	36	901
CalAmp Corp. (A)	820	3,419
Calix, Inc. (A)	1,143	39,022
Cambium Networks Corp. (A)	562	8,233
Casa Systems, Inc. (A)	2,022	7,946
Ciena Corp. (A)	2,617	119,597

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Communications equipment (continued)</b>		
Cisco Systems, Inc.	70,213	\$ 2,993,882
Clearfield, Inc. (A)	289	17,904
CommScope Holding Company, Inc. (A)	3,833	23,458
Comtech Telecommunications Corp.	548	4,970
Digi International, Inc. (A)	683	16,542
DZS, Inc. (A)	566	9,209
EMCORE Corp. (A)	60	184
Extreme Networks, Inc. (A)	2,573	22,951
F5, Inc. (A)	1,061	162,375
Harmonic, Inc. (A)	2,066	17,912
Infinera Corp. (A)	3,517	18,851
Inseego Corp. (A)	1,798	3,398
Juniper Networks, Inc.	5,412	154,242
KVH Industries, Inc. (A)	504	4,385
Lantronix, Inc. (A)	53	285
Lumentum Holdings, Inc. (A)	1,296	102,928
Motorola Solutions, Inc.	2,823	591,701
NETGEAR, Inc. (A)	654	12,112
NetScout Systems, Inc. (A)	1,447	48,981
Plantronics, Inc. (A)	804	31,903
Powerwave Technologies, Inc. (A)(C)	912	0
Ribbon Communications, Inc. (A)	2,627	7,986
Ubiquiti, Inc. (B)	1,042	258,635
Viasat, Inc. (A)	1,289	39,482
Viavi Solutions, Inc. (A)	4,120	54,508
		5,293,275
<b>Electronic equipment, instruments and components – 0.7%</b>		
908 Devices, Inc. (A)	290	5,971
Advanced Energy Industries, Inc.	715	52,181
AEye, Inc. (A)	2,196	4,194
Akoustis Technologies, Inc. (A)	872	3,226
Amphenol Corp., Class A	10,055	647,341
Arlo Technologies, Inc. (A)	1,497	9,386
Arrow Electronics, Inc. (A)	946	106,037
Avnet, Inc.	1,640	70,323
Badger Meter, Inc.	563	45,541
Bel Fuse, Inc., Class B	346	5,384
Belden, Inc.	815	43,415
Benchmark Electronics, Inc.	800	18,048
CDW Corp.	2,225	350,571
ClearSign Technologies Corp. (A)	889	1,076
Cognex Corp.	3,061	130,154
Coherent, Inc. (A)	409	108,884
Corning, Inc.	14,258	449,270
CTS Corp.	667	22,711
Daktronics, Inc. (A)	1,227	3,693
ePlus, Inc. (A)	342	18,167
Evolv Technologies Holdings, Inc. (A)	2,210	5,879
FARO Technologies, Inc. (A)	391	12,055
Identiv, Inc. (A)	100	1,158
II-VI, Inc. (A)	1,909	97,264
Insight Enterprises, Inc. (A)	564	48,662
IPG Photonics Corp. (A)	949	89,329
Iteris, Inc. (A)	1,032	2,982
Itron, Inc. (A)	841	41,571
Jabil, Inc.	2,352	120,446
Keysight Technologies, Inc. (A)	3,222	444,153
Kimball Electronics, Inc. (A)	554	11,135
Knowles Corp. (A)	1,805	31,281
Littelfuse, Inc.	409	103,902
Method Electronics, Inc.	768	28,447
MicroVision, Inc. (A)(B)	2,624	10,076
Napco Security Technologies, Inc. (A)	742	15,278
National Instruments Corp.	2,435	76,045
Netlist, Inc. (A)	3,719	11,901

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electronic equipment, instruments and components (continued)</b>		
nLight, Inc. (A)	848	\$ 8,667
Novanta, Inc. (A)	636	77,128
OSI Systems, Inc. (A)	333	28,452
PAR Technology Corp. (A)	370	13,871
PC Connection, Inc.	517	22,774
Plexus Corp. (A)	440	34,540
Rogers Corp. (A)	313	82,034
Sanmina Corp. (A)	855	34,824
ScanSource, Inc. (A)	460	14,324
SmartRent, Inc. (A)	2,767	12,507
TD SYNEX Corp.	1,563	142,389
Teledyne Technologies, Inc. (A)	797	298,963
Trimble, Inc. (A)	4,334	252,369
TTM Technologies, Inc. (A)	2,254	28,175
Vishay Intertechnology, Inc.	2,027	36,121
Vishay Precision Group, Inc. (A)	306	8,914
Vontier Corp.	2,668	61,337
Zebra Technologies Corp., Class A (A)	908	266,907
		4,671,433
<b>IT services – 3.9%</b>		
Affirm Holdings, Inc. (A)	4,641	83,816
AgileThought, Inc. (A)	536	2,771
Akamai Technologies, Inc. (A)	2,665	243,394
Automatic Data Processing, Inc.	7,098	1,490,864
AvidXchange Holdings, Inc. (A)	2,123	13,035
Backblaze, Inc., Class A (A)	179	936
BigBear.ai Holdings, Inc. (A)(B)	401	1,476
BigCommerce Holdings, Inc., Series 1 (A)	1,168	18,922
Block, Inc. (A)	9,376	576,249
BM Technologies, Inc. (A)	364	2,144
Bread Financial Holdings, Inc.	803	29,759
Brightcove, Inc. (A)	983	6,213
Broadridge Financial Solutions, Inc.	1,997	284,672
Cass Information Systems, Inc.	256	8,653
Cloudflare, Inc., Class A (A)	5,513	241,194
Cognizant Technology Solutions Corp., Class A	8,908	601,201
Concentrix Corp.	884	119,906
Conduent, Inc. (A)	4,515	19,505
CSG Systems International, Inc.	652	38,911
Cytera Technologies, Inc. (A)	2,238	25,379
DigitalOcean Holdings, Inc. (A)	1,853	76,640
DXC Technology Company (A)	4,538	137,547
Edgio, Inc. (A)	2,664	6,154
EPAM Systems, Inc. (A)	992	292,422
Euronet Worldwide, Inc. (A)	970	97,572
EVO Payments, Inc., Class A (A)	1,591	37,420
ExlService Holdings, Inc. (A)	584	86,041
Fastly, Inc., Class A (A)	1,995	23,162
Fidelity National Information Services, Inc.	10,432	956,301
Fiserv, Inc. (A)	11,150	992,016
FleetCor Technologies, Inc. (A)	1,364	286,590
Flywire Corp. (A)	1,698	29,936
Gartner, Inc. (A)	1,410	340,980
Genpact, Ltd.	3,430	145,295
Global Payments, Inc.	4,917	544,017
GoDaddy, Inc., Class A (A)	2,854	198,524
i3 Verticals, Inc., Class A (A)	606	15,162
IBM Corp.	15,127	2,135,781
Information Services Group, Inc.	1,192	8,058
Jack Henry & Associates, Inc.	1,202	216,384
Kyndryl Holdings, Inc. (A)	3,286	32,137
Marqeta, Inc., Class A (A)	9,562	77,548
Mastercard, Inc., Class A	16,658	5,255,266

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>IT services (continued)</b>		
Maximus, Inc.	1,042	\$ 65,135
MoneyGram International, Inc. (A)	1,519	15,190
MongoDB, Inc. (A)	1,099	285,191
Okta, Inc. (A)	2,503	226,271
Paychex, Inc.	6,089	693,354
Paymentus Holdings, Inc., Class A (A)	1,879	25,122
Payoneer Global, Inc. (A)	5,500	21,560
PayPal Holdings, Inc. (A)	19,860	1,387,022
Paysign, Inc. (A)	1,105	1,680
Perficient, Inc. (A)	594	54,464
Rackspace Technology, Inc. (A)	3,379	24,227
Remitly Global, Inc. (A)	2,668	20,437
Sabre Corp. (A)	5,716	33,324
ServiceSource International, Inc. (A)	4,978	7,318
Shift4 Payments, Inc., Class A (A)	1,389	45,920
Snowflake, Inc., Class A (A)	5,222	726,171
SolarWinds Corp.	2,988	30,627
Squarespace, Inc., Class A (A)	2,323	48,597
SS&C Technologies Holdings, Inc.	4,468	259,457
StarTek, Inc. (A)	653	1,887
Switch, Inc., Class A	4,331	145,089
TaskUS, Inc., Class A (A)	1,642	27,684
The Glimpse Group, Inc. (A)	48	191
The Hackett Group, Inc.	696	13,203
The Western Union Company	7,336	120,824
Thoughtworks Holding, Inc. (A)	5,068	71,509
Toast, Inc., Class A (A)	8,600	111,284
TTEC Holdings, Inc.	869	58,996
Twilio, Inc., Class A (A)	3,083	258,386
Unisys Corp. (A)	1,317	15,844
VeriSign, Inc. (A)	1,835	307,051
Verra Mobility Corp. (A)	3,031	47,617
Visa, Inc., Class A	32,597	6,418,023
WEX, Inc. (A)	789	122,737
		27,491,345
<b>Semiconductors and semiconductor equipment – 4.4%</b>		
ACM Research, Inc., Class A (A)	1,080	18,176
Advanced Micro Devices, Inc. (A)	27,622	2,112,254
Aehr Test Systems (A)	328	2,460
Allegro MicroSystems, Inc. (A)	3,523	72,891
Alpha & Omega Semiconductor, Ltd. (A)	545	18,170
Ambarella, Inc. (A)	657	43,007
Amkor Technology, Inc.	4,058	68,783
Analog Devices, Inc.	8,836	1,290,851
Applied Materials, Inc.	14,953	1,360,424
Atomera, Inc. (A)	385	3,611
Axcelis Technologies, Inc. (A)	650	35,646
AXT, Inc. (A)	115	674
Broadcom, Inc.	6,928	3,365,692
CEVA, Inc. (A)	480	16,109
Cirrus Logic, Inc. (A)	781	56,654
CMC Materials, Inc.	525	91,607
Cohu, Inc. (A)	925	25,669
CyberOptics Corp. (A)	20	699
Diodes, Inc. (A)	771	49,783
Enphase Energy, Inc. (A)	2,315	451,981
Entegris, Inc.	2,295	211,438
Everspin Technologies, Inc. (A)	78	409
First Solar, Inc. (A)	1,866	127,131
FormFactor, Inc. (A)	1,421	55,035
GlobalFoundries, Inc. (A)(B)	9,232	372,419
Ichor Holdings, Ltd. (A)	384	9,976
Impinj, Inc. (A)	451	26,460
Intel Corp.	68,457	2,560,976
KLA Corp.	2,534	808,549

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Semiconductors and semiconductor equipment (continued)</b>		
Kulicke & Soffa Industries, Inc.	1,045	\$ 44,736
Lam Research Corp.	2,355	1,003,583
Lattice Semiconductor Corp. (A)	2,438	118,243
MACOM Technology Solutions Holdings, Inc. (A)	1,271	58,593
Marvell Technology, Inc.	14,358	625,004
MaxLinear, Inc. (A)	1,397	47,470
Meta Materials, Inc. (A)(B)	4,648	4,787
Microchip Technology, Inc.	9,433	547,869
Micron Technology, Inc.	18,918	1,045,787
MKS Instruments, Inc.	979	100,475
Monolithic Power Systems, Inc.	781	299,935
NeoPhotonics Corp. (A)	1,119	17,602
NVE Corp.	120	5,594
NVIDIA Corp.	42,356	6,420,746
ON Semiconductor Corp. (A)	7,408	372,696
Onto Innovation, Inc. (A)	905	63,115
PDF Solutions, Inc. (A)	745	16,025
Photonics, Inc. (A)	1,447	28,188
Pixelworks, Inc. (A)	598	1,142
Power Integrations, Inc.	1,007	75,535
Qorvo, Inc. (A)	1,827	172,323
Qualcomm, Inc.	19,045	2,432,808
Rambus, Inc. (A)	2,144	46,075
Semtech Corp. (A)	1,085	59,642
Silicon Laboratories, Inc. (A)	701	98,294
SiTime Corp. (A)	323	52,659
SkyWater Technology, Inc. (A)	576	3,468
Skyworks Solutions, Inc.	2,777	257,261
SMART Global Holdings, Inc. (A)	1,012	16,566
SunPower Corp. (A)	3,113	49,217
Synaptics, Inc. (A)	681	80,392
Teradyne, Inc.	2,803	251,009
Texas Instruments, Inc.	15,505	2,382,343
Ultra Clean Holdings, Inc. (A)	836	24,888
Universal Display Corp.	856	86,576
Veeco Instruments, Inc. (A)	1,119	21,709
Wolfspeed, Inc. (A)	2,067	131,151
		<u>30,321,040</u>
<b>Software – 9.1%</b>		
8x8, Inc. (A)	2,080	10,712
A10 Networks, Inc.	1,431	20,578
ACI Worldwide, Inc. (A)	2,182	56,492
Adobe, Inc. (A)	8,007	2,931,042
Agilysys, Inc. (A)	497	23,493
Alarm.com Holdings, Inc. (A)	928	57,406
Alkami Technology, Inc. (A)	1,341	18,626
Altair Engineering, Inc., Class A (A)	1,383	72,608
Alteryx, Inc., Class A (A)	1,217	58,927
American Software, Inc., Class A	667	10,779
Amplitude, Inc., Class A (A)	1,760	25,150
ANSYS, Inc. (A)	1,517	363,003
Appfolio, Inc., Class A (A)	633	57,375
Appian Corp. (A)	1,266	59,958
AppLovin Corp., Class A (A)	6,582	226,684
Asana, Inc., Class A (A)	3,102	54,533
Aspen Technology, Inc. (A)	506	92,942
Autodesk, Inc. (A)	3,769	648,117
Avalara, Inc. (A)	1,549	109,359
Avaya Holdings Corp. (A)	1,627	3,644
AvePoint, Inc. (A)	2,541	11,028
Benefitfocus, Inc. (A)	722	5,617
Bentley Systems, Inc., Class B	4,989	166,134
Bill.com Holdings, Inc. (A)	1,661	182,610
Black Knight, Inc. (A)	2,731	178,580

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
Blackbaud, Inc. (A)	910	\$ 52,844
Blackline, Inc. (A)	1,061	70,663
Blend Labs, Inc., Class A (A)	3,398	8,019
Box, Inc., Class A (A)	2,797	70,317
Braze, Inc., Class A (A)	1,334	48,331
Bridgeline Digital, Inc. (A)	370	444
C3.ai, Inc., Class A (A)	1,825	33,325
Cadence Design Systems, Inc. (A)	4,756	713,543
CCC Intelligent Solutions Holdings, Inc. (A)	9,972	91,742
CDK Global, Inc.	2,069	113,319
Cerence, Inc. (A)	696	17,560
Ceridian HCM Holding, Inc. (A)	2,675	125,939
ChannelAdvisor Corp. (A)	600	8,748
Cipher Mining, Inc. (A)	3,155	4,322
Citrix Systems, Inc.	2,036	197,838
Clear Secure, Inc., Class A (A)	2,462	49,240
Clearwater Analytics Holdings, Inc., Class A (A)	3,883	46,751
CommVault Systems, Inc. (A)	850	53,465
Confluent, Inc., Class A (A)	4,598	106,858
Consensus Cloud Solutions, Inc. (A)	297	12,973
CoreCard Corp. (A)	191	4,662
Couchbase, Inc. (A)	669	10,985
Coupa Software, Inc. (A)	1,310	74,801
Crowdstrike Holdings, Inc., Class A (A)	3,987	672,049
CS Disco, Inc. (A)	897	16,182
Datadog, Inc., Class A (A)	5,463	520,296
Digimarc Corp. (A)	294	4,157
DocuSign, Inc. (A)	3,447	197,789
Dolby Laboratories, Inc., Class A	1,761	126,017
Domo, Inc., Class B (A)	570	15,846
DoubleVerify Holdings, Inc. (A)	2,545	57,695
Dropbox, Inc., Class A (A)	6,723	141,116
Duck Creek Technologies, Inc. (A)	2,105	31,259
Dynatrace, Inc. (A)	5,052	199,251
Ebix, Inc.	593	10,022
eGain Corp. (A)	755	7,361
Embark Technology, Inc. (A)	4,887	2,469
Enfusion, Inc., Class A (A)	536	5,473
EngageSmart, Inc. (A)	2,523	40,570
Envestnet, Inc. (A)	1,010	53,298
Everbridge, Inc. (A)	700	19,523
EverCommerce, Inc. (A)	3,253	29,407
Expensify, Inc., Class A (A)	591	10,514
Fair Isaac Corp. (A)	423	181,608
Five9, Inc. (A)	1,205	109,824
ForgeRock, Inc., Class A (A)	1,314	28,146
Fortinet, Inc. (A)	13,790	780,238
Freshworks, Inc., Class A (A)	4,778	62,831
Gitlab, Inc., Class A (A)	2,234	118,715
Greenidge Generation Holdings, Inc. (A)	613	1,557
Guidewire Software, Inc. (A)	1,507	106,982
HashiCorp, Inc., Class A (A)(B)	2,736	80,548
HubSpot, Inc. (A)	834	250,742
Informatica, Inc., Class A (A)	3,963	82,312
Instructure Holdings, Inc. (A)	2,069	46,966
Intapp, Inc. (A)	876	12,825
InterDigital, Inc.	575	34,960
Intuit, Inc.	4,838	1,864,759
IronNet, Inc. (A)	1,494	3,302
Jamf Holding Corp. (A)	1,772	43,892
JFrog, Ltd. (A)	1,737	36,599
Kaltura, Inc. (A)	1,306	2,599
KnowBe4, Inc., Class A (A)	2,865	44,751

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
LivePerson, Inc. (A)	1,279	\$ 18,085
LiveRamp Holdings, Inc. (A)	1,229	31,720
Mandiant, Inc. (A)	4,371	95,375
Manhattan Associates, Inc. (A)	1,136	130,186
Matterport, Inc. (A)	4,076	14,918
MeridianLink, Inc. (A)	1,186	19,806
Microsoft Corp.	126,915	32,595,579
MicroStrategy, Inc., Class A (A)	173	28,424
Mitek Systems, Inc. (A)	911	8,418
Model N, Inc. (A)	719	18,392
Momentive Global, Inc. (A)	2,729	24,015
N-able, Inc. (A)	3,262	29,358
nCino, Inc. (A)	1,572	48,606
NCR Corp. (A)	2,373	73,824
New Relic, Inc. (A)	1,168	58,458
NextNav, Inc. (A)	190	431
NortonLifeLock, Inc.	9,749	214,088
Nutanix, Inc., Class A (A)	3,791	55,462
Olo, Inc., Class A (A)	2,432	24,004
ON24, Inc. (A)	546	5,182
OneSpan, Inc. (A)	856	10,186
Oracle Corp.	45,129	3,153,163
PagerDuty, Inc. (A)	1,558	38,607
Palantir Technologies, Inc., Class A (A)	34,039	308,734
Palo Alto Networks, Inc. (A)	1,698	838,710
Paycom Software, Inc. (A)	1,060	296,927
Paycor HCM, Inc. (A)	3,177	82,602
Paylocity Holding Corp. (A)	973	169,711
Pegasystems, Inc.	1,468	70,229
Ping Identity Holding Corp. (A)	1,506	27,319
Procure Technologies, Inc. (A)	2,210	100,312
Progress Software Corp.	801	36,285
PROS Holdings, Inc. (A)	854	22,400
PTC, Inc. (A)	2,063	219,379
Q2 Holdings, Inc. (A)	1,009	38,917
Qualtrics International, Inc., Class A (A)	8,835	110,526
Qualys, Inc. (A)	711	89,686
Rapid7, Inc. (A)	1,011	67,535
Rekor Systems, Inc. (A)	852	1,500
Rimini Street, Inc. (A)	1,519	9,129
RingCentral, Inc., Class A (A)	1,448	75,672
Riot Blockchain, Inc. (A)	1,818	7,617
Roper Technologies, Inc.	1,771	698,925
Sailpoint Technologies Holdings, Inc. (A)	1,710	107,183
salesforce.com, Inc. (A)	16,798	2,772,342
Samsara, Inc., Class A (A)(B)	7,257	81,061
SecureWorks Corp., Class A (A)	1,619	17,582
SEMrush Holdings, Inc., Class A (A)	2,229	28,821
SentinelOne, Inc., Class A (A)	4,539	105,895
ServiceNow, Inc. (A)	3,433	1,632,460
ShotSpotter, Inc. (A)	262	7,050
Smartsheet, Inc., Class A (A)	2,230	70,089
Splunk, Inc. (A)	2,785	246,361
Sprinklr, Inc., Class A (A)	4,476	45,252
Sprout Social, Inc., Class A (A)	917	53,250
SPS Commerce, Inc. (A)	634	71,674
Stronghold Digital Mining, Inc., Class A (A)	565	938
Sumo Logic, Inc. (A)	1,696	12,703
Synchronoss Technologies, Inc. (A)	1,177	1,354
Synopsys, Inc. (A)	2,579	783,242
Telos Corp. (A)	953	7,700
Tenable Holdings, Inc. (A)	1,938	88,005
Teradata Corp. (A)	1,965	72,725
Terawulf, Inc. (A)	1,276	1,531

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Software (continued)</b>		
The Trade Desk, Inc., Class A (A)	8,328	\$ 348,860
Tyler Technologies, Inc. (A)	728	242,045
UiPath, Inc., Class A (A)	8,998	163,674
Unity Software, Inc. (A)	4,988	183,658
Upland Software, Inc. (A)	553	8,030
UserTesting, Inc. (A)	35	176
Varonis Systems, Inc. (A)	1,938	56,822
Verint Systems, Inc. (A)	1,254	53,107
Veritone, Inc. (A)	504	3,291
Vertex, Inc., Class A (A)	2,371	26,863
Viant Technology, Inc., Class A (A)	801	4,069
VirnetX Holding Corp. (A)	1,593	1,864
VMware, Inc., Class A	7,065	805,269
Vonage Holdings Corp. (A)	4,616	86,965
Weave Communications, Inc. (A)	191	581
Workday, Inc., Class A (A)	4,358	608,290
Workiva, Inc. (A)	906	59,787
Xperi Holding Corp.	2,083	30,058
Yext, Inc. (A)	2,330	11,137
Zendesk, Inc. (A)	2,143	158,732
Zeta Global Holdings Corp., Class A (A)	2,980	13,470
Zoom Video Communications, Inc., Class A (A)	5,117	552,482
Zscaler, Inc. (A)	2,407	359,871
Zuora, Inc., Class A (A)	2,245	20,093
		63,391,350
<b>Technology hardware, storage and peripherals – 5.7%</b>		
3D Systems Corp. (A)	2,231	21,641
Apple, Inc.	276,121	37,751,263
Avid Technology, Inc. (A)	850	22,058
Corsair Gaming, Inc. (A)	1,436	18,855
CPI Card Group, Inc. (A)	115	1,932
Dell Technologies, Inc., Class C (A)	12,827	592,736
Diebold Nixdorf, Inc. (A)	1,599	3,630
Eastman Kodak Company (A)	667	3,095
Hewlett Packard Enterprise Company	21,888	290,235
HP, Inc.	18,336	601,054
Immersion Corp. (A)	809	4,320
Intevac, Inc. (A)	745	3,606
IonQ, Inc. (A)(B)	2,837	12,426
Movano, Inc. (A)	115	275
NetApp, Inc.	3,751	244,715
Pure Storage, Inc., Class A (A)	5,116	131,532
Turtle Beach Corp. (A)	144	1,761
Western Digital Corp. (A)	5,303	237,733
Xerox Holdings Corp.	3,431	50,950
		39,993,817
		171,162,260
<b>Materials – 2.3%</b>		
<b>Chemicals – 1.3%</b>		
AdvanSix, Inc.	524	17,523
Air Products & Chemicals, Inc.	3,733	897,712
Albemarle Corp.	2,018	421,722
American Vanguard Corp.	728	16,271
Amyris, Inc. (A)(B)	4,828	8,932
Ashland Global Holdings, Inc.	938	96,661
Aspen Aerogels, Inc. (A)	612	6,047
Avient Corp.	1,723	69,058
Axalta Coating Systems, Ltd. (A)	3,962	87,600
Balchem Corp.	457	59,291
Cabot Corp.	1,041	66,405
Celanese Corp.	1,702	200,172
CF Industries Holdings, Inc.	3,549	304,256
Chase Corp.	194	15,095

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Chemicals (continued)</b>		
Corteva, Inc.	12,215	\$ 661,320
CVR Nitrogen LP (A)(C)	1,086	195
Diversey Holdings, Ltd. (A)	4,552	30,043
Dow, Inc.	12,386	639,241
DuPont de Nemours, Inc.	8,722	484,769
Eastman Chemical Company	2,254	202,342
Ecolab, Inc.	4,840	744,198
Ecovyst, Inc.	2,904	28,604
FMC Corp.	2,113	226,112
FutureFuel Corp.	1,090	7,935
GCP Applied Technologies, Inc. (A)	1,366	42,728
Ginkgo Bioworks Holdings, Inc. (A)(B)	27,450	65,331
Hawkins, Inc.	532	19,168
HB Fuller Company	970	58,404
Huntsman Corp.	3,681	104,356
Ingevity Corp. (A)	765	48,302
Innospec, Inc.	397	38,029
International Flavors & Fragrances, Inc.	4,428	527,463
Intrepid Potash, Inc. (A)	302	13,678
Koppers Holdings, Inc.	482	10,912
Kronos Worldwide, Inc.	2,526	46,478
Livent Corp. (A)	2,960	67,162
LSB Industries, Inc. (A)	1,182	16,383
Minerals Technologies, Inc.	469	28,768
NewMarket Corp.	96	28,892
Olin Corp.	2,743	126,946
Origin Materials, Inc. (A)	1,904	9,748
PPG Industries, Inc.	3,994	456,674
Quaker Chemical Corp.	313	46,800
Rayonier Advanced Materials, Inc. (A)	1,194	3,128
RPM International, Inc.	2,026	159,487
Schweitzer-Mauduit International, Inc.	627	15,750
Sensient Technologies Corp.	716	57,681
Stepan Company	50	5,068
The Chemours Company	2,825	90,457
The Mosaic Company	6,316	298,305
The Scotts Miracle-Gro Company	1,019	80,491
The Sherwin-Williams Company	4,438	993,713
Tredegar Corp.	832	8,320
Trinseo PLC	96	3,692
Valhi, Inc.	636	28,836
Valvoline, Inc.	3,014	86,894
Westlake Chemical Partners LP	799	19,903
Westlake Corp.	2,156	211,331
Zymergen, Inc. (A)	1,577	1,940
		9,112,722
<b>Construction materials – 0.1%</b>		
Eagle Materials, Inc.	692	76,078
Martin Marietta Materials, Inc.	984	294,452
Summit Materials, Inc., Class A (A)	2,191	51,028
United States Lime & Minerals, Inc.	134	14,150
Vulcan Materials Company	2,073	294,573
		730,281
<b>Containers and packaging – 0.3%</b>		
AptarGroup, Inc.	916	94,540
Avery Dennison Corp.	1,383	223,866
Ball Corp.	5,323	366,063
Berry Global Group, Inc. (A)	2,156	117,804
Crown Holdings, Inc.	2,138	197,059
Cryptyde, Inc. (A)	201	409
Graphic Packaging Holding Company	5,201	106,621
Greif, Inc., Class A	815	50,840
International Paper Company	6,272	262,358
Myers Industries, Inc.	844	19,184
O-I Glass, Inc. (A)	2,703	37,842

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Containers and packaging (continued)</b>		
Packaging Corp. of America	1,504	\$ 206,800
Pactiv Evergreen, Inc.	2,656	26,454
Sealed Air Corp.	2,330	134,488
Silgan Holdings, Inc.	1,469	60,743
Sonoco Products Company	1,488	84,876
TriMas Corp.	1,020	28,244
Westrock Company	4,713	187,766
		2,205,957
<b>Metals and mining – 0.6%</b>		
Alcoa Corp.	3,188	145,309
Allegheny Technologies, Inc. (A)	2,447	55,571
Alpha Metallurgical Resources, Inc.	337	43,517
Arconic Corp. (A)	1,987	55,735
Carpenter Technology Corp.	974	27,184
Century Aluminum Company (A)	1,740	12,824
Cleveland-Cliffs, Inc. (A)	8,588	131,998
Coeur Mining, Inc. (A)	4,942	15,024
Commercial Metals Company	1,876	62,096
Compass Minerals International, Inc.	664	23,499
Freeport-McMoRan, Inc.	24,832	726,584
Gatos Silver, Inc. (A)	868	2,491
Haynes International, Inc.	334	10,945
Hecla Mining Company	9,827	38,522
Kaiser Aluminum Corp.	336	26,574
Materion Corp.	423	31,188
MP Materials Corp. (A)	2,977	95,502
Newmont Corp.	13,815	824,341
Nucor Corp.	4,550	475,066
Olympic Steel, Inc.	325	8,369
Pan American Silver Corp., CVR (A)	7,232	5,132
Ramaco Resources, Inc.	575	7,561
Reliance Steel & Aluminum Company	900	152,874
Royal Gold, Inc.	1,062	113,400
Ryerson Holding Corp.	738	15,712
Schnitzer Steel Industries, Inc., Class A	547	17,963
Southern Copper Corp.	13,304	662,672
Steel Dynamics, Inc.	3,220	213,003
SunCoke Energy, Inc.	2,119	14,430
TimkenSteel Corp. (A)	1,005	18,804
U.S. Steel Corp.	4,307	77,138
Warrior Met Coal, Inc.	948	29,018
Worthington Industries, Inc.	793	34,971
		4,175,017
<b>Paper and forest products – 0.0%</b>		
Clearwater Paper Corp. (A)	390	13,116
Glatfelter Corp.	999	6,873
Louisiana-Pacific Corp.	1,434	75,156
Neenah, Inc.	345	11,778
Sylvamo Corp.	673	21,994
		128,917
		16,352,894
<b>Real estate – 3.4%</b>		
<b>Equity real estate investment trusts – 3.2%</b>		
Acadia Realty Trust	1,860	29,053
Agree Realty Corp.	883	63,691
Alexander & Baldwin, Inc.	1,506	27,033
Alexander's, Inc.	108	23,993
Alexandria Real Estate Equities, Inc.	2,408	349,232
American Assets Trust, Inc.	1,261	37,452
American Campus Communities, Inc.	2,610	168,267
American Homes 4 Rent, Class A	6,051	214,447
American Tower Corp.	7,750	1,980,823
Americold Realty Trust, Inc.	4,031	121,091
Apartment Income REIT Corp.	2,951	122,762

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Apartment Investment and Management Company, Class A (A)	3,114	\$ 19,930
Apple Hospitality REIT, Inc.	4,472	65,604
Armada Hoffer Properties, Inc.	1,229	15,780
Ashford Hospitality Trust, Inc. (A)	444	2,655
AvalonBay Communities, Inc.	2,283	443,473
Bluerock Residential Growth REIT, Inc.	683	17,956
Boston Properties, Inc.	2,684	238,822
Braemar Hotels & Resorts, Inc.	978	4,196
Brandywine Realty Trust	3,757	36,217
Brixmor Property Group, Inc.	5,578	112,731
Broadstone Net Lease, Inc.	1,879	38,538
BRT Apartments Corp.	385	8,274
Camden Property Trust	1,440	193,651
CareTrust REIT, Inc.	2,053	37,857
CatchMark Timber Trust, Inc., Class A	1,315	13,229
Centerspace	226	18,430
Chatham Lodging Trust (A)	1,057	11,046
Community Healthcare Trust, Inc.	472	17,091
Corporate Office Properties Trust	2,351	61,573
Cousins Properties, Inc.	2,993	87,485
Creative Media & Community Trust Corp.	337	2,393
Crown Castle International Corp.	7,364	1,239,950
CubeSmart	3,744	159,944
DiamondRock Hospitality Company (A)	4,163	34,178
Digital Realty Trust, Inc.	4,897	635,778
Diversified Healthcare Trust	5,157	9,386
Douglas Emmett, Inc.	3,408	76,271
Duke Realty Corp.	6,680	367,066
Easterly Government Properties, Inc.	1,561	29,721
EastGroup Properties, Inc.	743	114,667
Empire State Realty Trust, Inc., Class A	3,543	24,907
EPR Properties	1,457	68,377
Equinix, Inc.	1,559	1,024,294
Equity LifeStyle Properties, Inc.	2,967	209,084
Equity Residential	6,483	468,202
Essential Properties Realty Trust, Inc.	1,463	31,440
Essex Property Trust, Inc.	922	241,112
Extra Space Storage, Inc.	2,270	386,172
Farmland Partners, Inc.	930	12,834
Federal Realty Investment Trust	1,450	138,823
First Industrial Realty Trust, Inc.	2,476	117,560
Four Corners Property Trust, Inc.	1,453	38,635
Franklin Street Properties Corp.	2,261	9,428
Gaming and Leisure Properties, Inc.	4,421	202,747
Getty Realty Corp.	966	25,599
Gladstone Commercial Corp.	793	14,940
Gladstone Land Corp.	706	15,645
Global Medical REIT, Inc.	854	9,590
Global Net Lease, Inc.	1,979	28,023
Healthcare Realty Trust, Inc.	2,832	77,030
Healthcare Trust of America, Inc., Class A	4,107	114,626
Healthpeak Properties, Inc.	9,580	248,218
Hersha Hospitality Trust (A)	1,005	9,859
Highwoods Properties, Inc.	2,063	70,534
Host Hotels & Resorts, Inc.	13,023	204,201
Hudson Pacific Properties, Inc.	3,068	45,529
Independence Realty Trust, Inc.	2,095	43,429
Indus Realty Trust, Inc.	186	11,041
Industrial Logistics Properties Trust	1,490	20,979
Innovative Industrial Properties, Inc.	372	40,872
Invitation Homes, Inc.	10,409	370,352
Iron Mountain, Inc.	5,081	247,394
iStar, Inc.	1,236	16,946
JBG SMITH Properties	2,682	63,402

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Kilroy Realty Corp.	2,154	\$ 112,719
Kimco Realty Corp.	11,178	220,989
Kite Realty Group Trust	4,091	70,733
Lamar Advertising Company, Class A	1,785	157,026
Life Storage, Inc.	1,345	150,183
LTC Properties, Inc.	837	32,132
LXP Industrial Trust	5,323	57,169
Medical Properties Trust, Inc.	10,170	155,296
Mid-America Apartment Communities, Inc.	1,807	315,629
National Health Investors, Inc.	880	53,337
National Retail Properties, Inc.	3,402	146,286
National Storage Affiliates Trust	1,224	61,286
Necessity Retail REIT, Inc.	2,393	17,421
New York REIT Liquidating LLC (A)(C)	457	7,276
NexPoint Residential Trust, Inc.	522	32,630
Office Properties Income Trust	1,104	22,025
Omega Healthcare Investors, Inc.	4,522	127,475
One Liberty Properties, Inc.	547	14,211
Orion Office REIT, Inc.	983	10,774
Outfront Media, Inc.	2,732	46,307
Paramount Group, Inc.	4,815	34,812
Park Hotels & Resorts, Inc.	4,447	60,346
Pebblebrook Hotel Trust	2,611	43,264
Phillips Edison & Company, Inc.	1,416	47,309
Physicians Realty Trust	3,981	69,468
Piedmont Office Realty Trust, Inc., Class A	2,477	32,498
Plymouth Industrial REIT, Inc.	429	7,525
PotlatchDeltic Corp.	1,335	58,994
Prologis, Inc.	12,788	1,504,508
PS Business Parks, Inc.	213	39,863
Public Storage	2,878	899,864
Rayonier, Inc.	2,771	103,580
Realty Income Corp.	9,835	671,337
Regency Centers Corp.	3,192	189,318
Retail Opportunity Investments Corp.	2,507	39,560
Rexford Industrial Realty, Inc.	2,347	135,164
RLJ Lodging Trust	3,441	37,954
RPT Realty	1,545	15,187
Ryman Hospitality Properties, Inc. (A)	1,027	78,083
Sabra Health Care REIT, Inc.	4,102	57,305
Safehold, Inc.	890	31,479
Saul Centers, Inc.	494	23,272
SBA Communications Corp.	1,827	584,731
Service Properties Trust	3,498	18,295
Simon Property Group, Inc.	5,673	538,481
SITE Centers Corp.	4,024	54,203
SL Green Realty Corp.	172	7,938
Spirit Realty Capital, Inc.	2,024	76,467
STAG Industrial, Inc.	2,912	89,923
STORE Capital Corp.	4,908	128,001
Summit Hotel Properties, Inc. (A)	2,173	15,798
Sun Communities, Inc.	1,906	303,740
Sunstone Hotel Investors, Inc. (A)	4,424	43,886
Tanger Factory Outlet Centers, Inc.	1,977	28,113
Terreno Realty Corp.	1,416	78,914
The GEO Group, Inc. (A)	2,079	13,721
The Macerich Company	3,197	27,846
UDR, Inc.	5,225	240,559
UMH Properties, Inc.	958	16,918
Uniti Group, Inc.	4,136	38,961
Universal Health Realty Income Trust	293	15,591
Urban Edge Properties	2,372	36,078
Urstadt Biddle Properties, Inc., Class A	889	14,402
Ventas, Inc.	6,972	358,570

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Equity real estate investment trusts (continued)</b>		
Veris Residential, Inc. (A)	1,996	\$ 26,427
VICI Properties, Inc.	13,685	407,676
Vornado Realty Trust	3,603	103,010
Washington Real Estate Investment Trust	1,739	37,058
Welltower, Inc.	7,629	628,248
Weyerhaeuser Company	12,967	429,467
Whitestone REIT	991	10,653
WP Carey, Inc.	3,402	281,890
Xenia Hotels & Resorts, Inc. (A)	2,341	34,015
		22,584,734
<b>Real estate management and development – 0.2%</b>		
CBRE Group, Inc., Class A (A)	5,804	427,232
Compass, Inc., Class A (A)	6,964	25,140
DigitalBridge Group, Inc. (A)	9,145	44,628
Doma Holdings, Inc. (A)	5,923	6,101
Douglas Elliman, Inc.	1,405	6,730
eXp World Holdings, Inc.	2,650	31,191
Fathom Holdings, Inc. (A)	187	1,466
Five Point Holdings LLC, Class A (A)	2,953	11,546
Forestar Group, Inc. (A)	1,120	15,333
FRP Holdings, Inc. (A)	258	15,570
Jones Lang LaSalle, Inc. (A)	906	158,423
Kennedy-Wilson Holdings, Inc.	2,863	54,225
Marcus & Millichap, Inc.	768	28,408
Maui Land & Pineapple Company, Inc. (A)	514	4,868
Newmark Group, Inc., Class A	3,701	35,789
Offerpad Solutions, Inc. (A)	3,542	7,722
Opendoor Technologies, Inc. (A)	10,757	50,665
Rafael Holdings, Inc., Class B (A)	347	649
RE/MAX Holdings, Inc., Class A	431	10,568
Redfin Corp. (A)	1,922	15,837
Seritage Growth Properties, Class A (A)	866	4,512
Tejon Ranch Company (A)	613	9,514
The Howard Hughes Corp. (A)	903	61,449
The RMR Group, Inc., Class A	663	18,796
The St. Joe Company	1,186	46,918
Zillow Group, Inc., Class A (A)	45	1,431
Zillow Group, Inc., Class C (A)	4,166	132,271
		1,226,982
		23,811,716
<b>Utilities – 2.8%</b>		
<b>Electric utilities – 1.7%</b>		
ALLETE, Inc.	1,037	60,955
Alliant Energy Corp.	3,250	190,483
American Electric Power Company, Inc.	8,441	809,830
Avangrid, Inc.	5,835	269,110
Constellation Energy Corp.	5,699	326,325
Duke Energy Corp.	13,013	1,395,124
Edison International	6,555	414,538
Entergy Corp.	3,376	380,273
Eversource Energy	4,014	261,914
Exelon Corp.	5,813	491,024
FirstEnergy Corp.	16,756	759,382
Genie Energy, Ltd., B Shares	9,491	364,359
Hawaiian Electric Industries, Inc.	706	6,467
IDACORP, Inc.	1,834	75,011
MGE Energy, Inc.	868	91,939
NextEra Energy, Inc.	751	58,450
NRG Energy, Inc.	33,569	2,600,255
OGE Energy Corp.	4,148	158,329
Otter Tail Corp.	3,935	151,734
PG&E Corp. (A)	816	54,778
Pinnacle West Capital Corp.	34,532	344,629
	1,796	131,324

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Electric utilities (continued)</b>		
PNM Resources, Inc.	1,621	\$ 77,451
Portland General Electric Company	1,751	84,626
PPL Corp.	13,200	358,116
The Southern Company	17,917	1,277,661
Via Renewables, Inc.	849	6,503
Xcel Energy, Inc.	9,141	646,817
		11,847,407
<b>Gas utilities – 0.1%</b>		
Atmos Energy Corp.	2,179	244,266
Chesapeake Utilities Corp.	353	45,731
National Fuel Gas Company	1,613	106,539
New Jersey Resources Corp.	1,858	82,737
Northwest Natural Holding Company	666	35,365
ONE Gas, Inc.	951	77,212
RGC Resources, Inc.	260	4,958
South Jersey Industries, Inc.	1,973	67,358
Southwest Gas Holdings, Inc.	848	73,844
Spire, Inc.	960	71,395
Star Group LP	997	9,142
Suburban Propane Partners LP	1,423	21,715
UGI Corp.	3,527	136,177
		976,439
<b>Independent power and renewable electricity producers – 0.1%</b>		
Brookfield Renewable Corp., Class A	270	9,615
Clearway Energy, Inc., Class A	1,164	37,213
Clearway Energy, Inc., Class C	1,928	67,172
Montauk Renewables, Inc. (A)	2,059	20,693
NextEra Energy Partners LP	1,301	96,482
Ormat Technologies, Inc.	1,052	82,424
Sunnova Energy International, Inc. (A)	1,925	35,478
The AES Corp.	12,044	253,044
Vistra Corp.	8,243	188,353
		790,474
<b>Multi-utilities – 0.8%</b>		
Ameren Corp.	4,077	368,398
Avista Corp.	1,415	61,567
Black Hills Corp.	1,108	80,629
CenterPoint Energy, Inc.	10,525	311,330
CMS Energy Corp.	4,797	323,798
Consolidated Edison, Inc.	5,366	510,307
Dominion Energy, Inc.	13,736	1,096,270
DTE Energy Company	3,240	410,670
NiSource, Inc.	7,409	218,491
NorthWestern Corp.	981	57,810
Public Service Enterprise Group, Inc.	8,765	554,649
Sempra Energy	5,251	789,068
Unitil Corp.	366	21,492
WEC Energy Group, Inc.	5,250	528,360
		5,332,839
<b>Water utilities – 0.1%</b>		
American States Water Company	703	57,302
American Water Works Company, Inc.	3,059	455,087
Artesian Resources Corp., Class A	287	14,112
Cadiz, Inc. (A)	752	1,752
California Water Service Group	1,017	56,494
Essential Utilities, Inc.	3,802	174,322
Global Water Resources, Inc.	678	8,956
Middlesex Water Company	324	28,408
Pure Cycle Corp. (A)	700	7,378
SJW Group	625	39,006

# John Hancock Variable Insurance Trust

Portfolio of Investments — June 30, 2022 (unaudited) (showing percentage of total net assets)

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>COMMON STOCKS (continued)</b>		
<b>Water utilities (continued)</b>		
The York Water Company	308	\$ 12,452
		855,269
		19,802,428
<b>TOTAL COMMON STOCKS (Cost \$345,798,951)</b>		<b>\$ 681,062,170</b>
<b>PREFERRED SECURITIES – 0.0%</b>		
<b>Consumer discretionary – 0.0%</b>		
<b>Internet and direct marketing retail – 0.0%</b>		
Qurate Retail, Inc., 8.000%	260	15,197
<b>Industrials – 0.0%</b>		
<b>Industrial conglomerates – 0.0%</b>		
Steel Partners Holdings LP, 6.000%	510	11,643
<b>Information technology – 0.0%</b>		
<b>Semiconductors and semiconductor equipment – 0.0%</b>		
Meta Materials, Inc. (A)(B)	2,456	3,795
<b>TOTAL PREFERRED SECURITIES (Cost \$84,689)</b>		<b>\$ 30,635</b>
<b>WARRANTS – 0.0%</b>		
Basic Energy Services, Inc. (Expiration Date: 12-23-23; Strike Price: \$55.25) (A)	55	0
Battalion Oil Corp. (Expiration Date: 10-8-22; Strike Price: \$40.17) (A)(C)	46	1
Battalion Oil Corp. (Expiration Date: 10-8-22; Strike Price: \$48.28) (A)(C)	57	1
Battalion Oil Corp. (Expiration Date: 10-8-22; Strike Price: \$60.45) (A)(C)	74	0
Denbury, Inc. (Expiration Date: 9-18-23; Strike Price: \$35.41) (A)	23	644
Hycroft Mining Holding Corp. (Expiration Date: 10-22-22; Strike Price: \$40.31) (A)	196	14
Nabors Industries, Ltd. (Expiration Date: 6-11-26; Strike Price: \$166.67) (A)	77	2,462
Oasis Petroleum, Inc. (Expiration Date: 11-19-24; Strike Price: \$90.57) (A)	31	1,519

## DERIVATIVES

### FUTURES

Open contracts	Number of contracts	Position	Expiration date	Notional basis <sup>^</sup>	Notional value <sup>^</sup>	Unrealized appreciation (depreciation)
Russell 2000 E-Mini Index Futures	32	Long	Sep 2022	\$2,940,156	\$2,732,799	\$(207,357)
S&P 500 E-Mini Index Futures	76	Long	Sep 2022	15,200,757	14,400,100	(800,657)
						<b>\$(1,008,014)</b>

<sup>^</sup> Notional basis refers to the contractual amount agreed upon at inception of open contracts; notional value represents the current value of the open contract.

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

## Total Stock Market Index Trust (continued)

	Shares or Principal Amount	Value
<b>WARRANTS (continued)</b>		
Tidewater, Inc., Class A (Expiration Date: 7-31-23; Strike Price: \$57.06) (A)	66	\$ 43
Tidewater, Inc., Class B (Expiration Date: 7-31-23; Strike Price: \$62.28) (A)	71	23
<b>TOTAL WARRANTS (Cost \$120,251)</b>		<b>\$ 4,707</b>
<b>SHORT-TERM INVESTMENTS – 2.9%</b>		
<b>U.S. Government Agency – 0.8%</b>		
Federal Home Loan Bank Discount Note 1.000%, 07/22/2022 *	\$ 5,600,000	5,595,430
<b>Short-term funds – 0.7%</b>		
John Hancock Collateral Trust, 1.4215% (D)(E)	444,408	4,442,476
<b>Repurchase agreement – 1.4%</b>		
Repurchase Agreement with State Street Corp. dated 6-30-22 at 0.240% to be repurchased at \$9,996,067 on 7-1-22, collateralized by \$10,207,100 U.S. Treasury Notes, 3.000% due 6-30-24 (valued at \$10,195,933)	\$ 9,996,000	9,996,000
<b>TOTAL SHORT-TERM INVESTMENTS (Cost \$20,035,890)</b>		<b>\$ 20,033,906</b>
<b>Total Investments (Total Stock Market Index Trust) (Cost \$366,039,781) – 100.7%</b>		<b>\$ 701,131,418</b>
<b>Other assets and liabilities, net – (0.7%)</b>		<b>(5,055,576)</b>
<b>TOTAL NET ASSETS – 100.0%</b>		<b>\$ 696,075,842</b>

### Security Abbreviations and Legend

ADR	American Depositary Receipt
CVR	Contingent Value Right
(A)	Non-income producing security.
(B)	All or a portion of this security is on loan as of 6-30-22.
(C)	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.
(D)	The rate shown is the annualized seven-day yield as of 6-30-22.
(E)	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.